

Impact Assessment of Watershed Programs in Uttar Pradesh

Narasimha Rao S

Government of India (GoI) has commissioned this study to know the impacts of watershed programs in nine Indian states. At national level this study is anchored by National Institute of Rural Development (NIRD). This study is basically intended to know the impacts of watershed development program through the components of Physical Factors, Biological Factors, Economical Factors and Social Factors as perceived by farmers.



National Institute of Rural Development (NIRD)



Government of India (GoI)



Watershed Support Services and Activities Network (WASSAN)

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Narasimha Rao S
WASSAN

Hyderabad
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Field Research Team (Uttar Pradesh)

Aarthik Anusandhan Kendra	Paramarth Samaj Sevi Samsthan	Students
<ol style="list-style-type: none"> 1. Umar ali 2. Veerender 3. Chotelal Sama 4. Janardhan mourya 5. Munnuram 6. Phoolchand 7. Santhoshi 8. Badriprasad 	<ol style="list-style-type: none"> 1. Uttam singh 2. Manavender 3. Nirmala varma 4. Raghavendra singh 	<ol style="list-style-type: none"> 1. Anil Giri 2. Anjeesh 3. Arpic Mishra 4. Avinash 5. Bahar anjum 6. Chandra Prakash 7. Chandra Prakash K 8. Deepak 9. Garima singh 10. Kashiram 11. Rahul singh 12. Rajendra Singh 13. Shammi misra 14. Sudheer shukla 15. Sushil kumar 16. Tej Bahadur 17. Vijay gupta 18. Vinod sarma
Krishi bharathi	Resource Persons	
<ol style="list-style-type: none"> 1. Basant Kumar 2. Dayanand 	<ol style="list-style-type: none"> 1. Amodh singh 2. Jithendra 3. Kamlesh Kumar 4. Lalith ooza 5. Sunil 	

Data Process Team

From WASSAN	Outside WASSAN
<ol style="list-style-type: none"> 1. Radhasree 2. Sarath kumar 3. Prabhavathi K 4. Prabhavathi C 5. Devikumar 6. Ramana 7. Naresh M 	<ol style="list-style-type: none"> 1. Vaishali Virdhi 2. Sai Kumar 3. Basant Kumar

PART – A: Analysis

Section – 1: Introduction

The concept of watershed has traversed many changes over the years. These changes have expanded the purview of watersheds in many ways, from soil conservation to livelihood promotion, from top down to bottom up approach, etc. These changes have definitely influenced not only the implementation processes of watershed development program (WDP) but also budget patterns.

The Government of India (GoI) has been funding at large scale to implement WDPs under different programs (NWDPPRA, IWDP, DPAP, DDP and EAS). Similarly non government, bilateral and multilateral donors also have been providing financial assistance to implement WDPs in India.

As huge investments are pouring in to implement watershed development programs, GoI is now keen on assessing the impacts of investments made for WSD implementation.

Objective

This study is aimed at assessing impacts of investments made to implement watershed development programs on water, land, plantation, livestock and livelihood promotion of the beneficiaries in watershed village.

The impact assessment study (I.A.S.) was commissioned by GoI in nine states (Andhra Pradesh, Gujarat, Himachal Pradesh, Jammu & Kashmir, Karnataka, Madhya Pradesh, Rajasthan, Tamilnadu and Uttar Pradesh) of India.

This is the first study in India which was commissioned by GoI to assess the impacts of watershed. Thus, this study is being anchored in India by National Institute for Rural Development (NIRD) (Dr. SSP Sarma on behalf of NIRD). For this purpose NIRD identified nodal agencies to execute the study in respective states. WASSAN was identified as one of the nodal agencies to execute this research project in Uttar Pradesh.

Methodology

In this state, 100 watersheds covering 16 districts were selected for the study. While selecting the watersheds care was taken to ensure, wherever possible, that they represent the watersheds implemented under different programs like IWDP and DPAP, in different periods and also by different agencies-both government and civil societies.

Schedules: Three schedules were administered in the field Viz., Schedule-1: Rapid Reconnaissance Survey, Schedule-2: Profile of the Watershed village in the watershed study area and Schedule-3: Detailed Field Survey. To collect the data according to the above schedules, two checklists were prepared in local language (Hindi) separately for Rapid Reconnaissance Survey and Detailed Farmers' Study schedules to make the data collection easy. According to these checklists data is collected in pre and post watersheds scenarios. Based on this the changes have and analyzed and presented in the report.

- Schedule-1 is intended to assess the status of sample watershed in terms of physical, biological, economic and social factors. For these four categories of factors, 34 indicators were identified. Each of these indicators is assigned different score (while the total score being 100 points for all indicators under four categories of factors), keeping in view their relative importance. Each indicator has four or five possible responses and each of these responses is again assigned some score (which is within the limits of total score for that particular indicator). By this procedure, the performance of each group of indicators for all four factors was assessed with a specific score that reflects that perceptions of the

stakeholders. This schedule was administered by a senior person in the team with a group of farmers in each sample watershed. Information for this schedule was collected by conducting focus group discussion.

- Schedule-2 deals with the present situation of the village in terms of the variables such as land use pattern, irrigation sources, soil types, demographic details including the literacy status and migration, livestock details, cropping pattern, different occupations of the households, availability of credit from institutions, access to drinking water, functioning of CBOs and the availability of institutions/ infrastructure in the habitations. Most of the information in this checklist was taken from secondary sources.
- Schedule-3 deals with the changes occurred with watershed program as an impact as perceived by the beneficiaries in terms of reduction in soil erosion, enhanced crop yields, cropping intensity, runoff reduction, assured drinking water supply, increase in irrigated area, status of water harvesting structures, additional employment days generated, maintenance of CPRs, diversification of agriculture, micro enterprises, shifts in livestock, improvement in life style, children education, health and nutritional care, additional household level expenditure and major investments.

This checklist was administered with 40 farmers in each selected watershed on random sampling method. Later on these sample farmers were categorized as Large – Medium and Small – Marginal farmers based on their land holding size.

Data Collection, Entry and Analysis: A team comprising five investigators was engaged for field investigation. This team has members who have experience of conducting research; implementing watersheds and fresh agricultural graduates. The research team was given thorough training on the objectives and methodology of the study. Special care was taken during the training to avoid errors in filling the schedules, to this end mock exercise was facilitated by providing conceptual clarity of each parameter. This helped the team to understand about the schedules; how each schedule should be administered and process of recording responses.

The data collection in 100 watersheds was completed in a period of four months, i.e., August 09 – November 09. The data is computerized by using MS - Access package. This specially designed package helps in generating data tables in different forms (component wise; category of farmer wise and so on). This package also helps in converting/ exporting into excel format for analysis. The responses from all schedules were computerized for facilitating comparative analysis across different categories of farmers/projects/districts.

Structure of the Report: The report is structured in two parts (part – A, part – B). Part – a is divided in to seven sections, Section - 1: Introduction; Section - 2: Description of Study Area; Section - 3: Rapid Reconnaissance Survey; Section - 4: Detailed Farmers' Study; Section - 5: Findings and Recommendations. Part – B is the data tables for all watersheds.

Study Sample

Watersheds

The following table gives the details of sample watershed projects, for the assessment. The names of districts and number of watershed projects in each district were broadly proposed by NIRD. The names of watershed projects (villages) were identified by study team in consultation with district office/ local representative of PIAs. One could understand that the sample watersheds are equally divided between DPAP and IWDP projects (50 each). Of the total 100 watershed projects, 16 projects were implemented by Non Governmental Organizations (NGO PIAs) and remaining 84% of projects were implemented by GO PIAs.

Table 1 District wise no. of watersheds across Projects and PIAs

Sl. No	Name of the District	Program	No. of Watersheds	GOPIA	NGOPIA
1	Balrampur	DPAP	5	5	0
2	Bahraich	DPAP	10	10	0
3	Hamirpur	DPAP	9	9	0
4	Jalaun	DPAP	5	5	0
5	Jhansi	DPAP	5	5	0
6	Lalithpur	DPAP	10	10	0
7	Mahoba	DPAP	1	1	0
8	Sonbhadra	DPAP	5	5	0
Total A			50	50	0
9	Varanasi	IWDP	5	0	5
10	Agra	IWDP	10	10	0
11	Ambedkar Nagar	IWDP	5	5	0
12	Chandauli	IWDP	5	0	5
13	Lakhimpur	IWDP	5	5	0
14	Lucknow	IWDP	5	5	0
15	Pratapgarh	IWDP	5	0	5
16	Sitapur	IWDP	10	9	1
Total B			50	34	16
Grand Total A + B			100	84	16

Beneficiaries

From the above sample districts, a total of 2806 beneficiary farmers were interviewed (Small Marginal farmers – 2090, Large Medium Farmer – 716). The choice of these farmers was “purposive” to ensure that these farmers have experienced the benefits of some of the interventions under watershed development project in their villages. The checklists tried to capture the details of each

farmers such as the family background; income sources; assets; benefits availed from watershed program; perception of impact of the benefits; change in education, health and social status of the household and so on. The details of these farmers are given in the following table.

Table 2 District no. of sample farmers studied across categories

Sl. No	District	Small Marginal Farmers	Large Medium Farmers	Total
1	Agra	273	61	334
2	Ambedkar Nagar	154	37	191
3	Balrampur	111	12	123
4	Bahraich	229	40	269
5	Chandauli	31	50	81
6	Hamirpur	210	138	348
7	Jalaun	57	26	83
8	Jhansi	98	78	176
9	Lakhimpur	125	21	146
10	Lalithpur	155	107	262
11	Lucknow	105	11	116
12	Mahoba	28	8	36
13	Pratapgarh	97	17	114
14	Sitapur	235	48	283
15	Sonbhadra	54	49	103
16	Varanasi	128	13	141
Total		2090	716	2806

Tools employed

Resource Map

In each sample watershed, the investigating team requested the farmers, women and watershed committee members to draw a resource map of the village to locate the works implemented under watershed program and to understand the natural resources available in the village such as water resources, common resource pool, etc,. During the resource mapping exercise the following aspects were captured.

- Classification of the soils
- Cropping pattern
- Cropping intensity
- Irrigation facilities
- Treatment details in Private and CPRs lands

- Soil moisture conservation activities
- Water harvesting structures
- Horticulture
- Plantation
- Afforestation
- Others

Transact Walk

Few members in the team along with farmers, women, watershed committee members and PIA functionaries went on transact walk with an intention to see the works and structures executed under watershed program. This was helped the team to get direct experience about the quality of works and impact of the structures. In addition, this also helped the team to identify right beneficiaries/ farmers to interact about the impact of the works.

Impact Mapping

After the transact walk and resource mapping, impact mapping exercise was facilitated in each sample watershed to understand the community/ farmers perception about the quality and impact of works executed in the watershed. This exercise was facilitated with the beneficiaries identified during the resource mapping and transact walk.

Interaction with Individual Farmers

As part of the study, detailed interaction with a maximum of 40 individual beneficiaries was made in each sample village. This interaction was intended to know the impact of watershed in the beneficiary point of view.

Section – 2: Description of Area

This section in the report discuss about the summary of the sample watersheds villages considered in the study.

Demographic Profile

The average population in each watershed is 3721, out of which men consist of 53% and women consist of 47%. The villages generally indicate a “male dominated” society in the state. In all 16 sample districts, Varanasi has highest percentage of male population (55% of total population). In the remaining 15 districts, higher percentage of men population (about 54% of total population) is found in Mahoba, Lalitpur and Sitapur districts. Only in Agra district, both men and women are equal (50% each). Incidentally, this district also represents a place women population is highest among all the sample districts. The demographic details are presented in the following table.

Table 3 District wise population in sample villages

District	Population of Sample Villages in Selected Districts			Percentage to the respective total	
	Men	Women	Total Population	Men %	Women %
Agra	23848	23902	47750	50%	50%
Sonbhadra	13092	12104	25196	52%	48%
Balrampur	8870	8160	17030	52%	48%
Bahraich	16223	14876	31099	52%	48%
Hamirpur	20297	18454	38751	52%	48%
Lakhimpur	14976	13590	28566	52%	48%
Lucknow	10665	9668	20333	52%	48%
Ambedkar Nagar	9711	8708	18419	53%	47%
Jhansi	6238	5549	11787	53%	47%
Pratapgarh	9764	8651	18415	53%	47%
Jalaun	6362	5622	11984	53%	47%
Chandouli	10054	8853	18907	53%	47%
Lalitpur	9729	8360	18089	54%	46%
Mahoba	2483	2124	4607	54%	46%
Sitapur	15427	13124	28551	54%	46%
Varanasi	17975	14642	32617	55%	45%
Grand Total	195714	176387	372101	53%	47%
Average Population per village	1957	1764	3721	53%	47%

Occupation wise the distribution of households in sample watersheds indicates that dependency on agriculture is very high in the sample watersheds. About 48431 households (excluding Jhansi and Chandauli districts) are depending on agriculture and 28594 households depending agriculture labor. The households depending on labor work is 26862, 4743 households are depending on long term and short term migration, 4120 households are artisans and 1021 households are depending trading. This profile of the watershed villages indicates that watershed is an important intervention in that has the potential to stabilize the agriculture base of the village and reduce migration.

Land Use Pattern

The data on land use pattern is obtained from secondary sources (mainly from the project reports at PAI office and district project teams. On an average, each watershed has a total geographical area of 1700 acres in DPAP projects and 1108 acres under IWDP. The average net sown area is 833 acres in IWDP projects and 1135 acres in DPAP projects. If we analyze the distribution of sample watersheds in terms of percentage area irrigated (as %% of total Net Sown Area) and percentage of Net Sown Area (as a % of Total Geographical Area), interesting picture emerges.

Table 4 Program wise net sown area and net irrigated area

% of net irrigated area in Net Sown Area	DPAP -GO	IWDP GO	IWDP NGO	Total
0%	4	2	0	6
1% to 33%	10	2	2	14
34% to 66%	15	2	2	19
66% to 100%	15	25	11	51
Above 100%	0	0	1	1
No Data	6	3	0	9
Total	50	34	16	100
% of Net Sown Area in Total Geographical Area	DPAP -GO	IWDP GO	IWDP NGO	Total
0%	5	1	0	6
1% to 33%	3	0	2	5
34% to 66%	9	7	5	21
66% to 100%	32	24	9	65
Above 100%	0	0	0	0
No Data	1	2	0	3
Total	50	34	16	100

From the above tables, it is clear that the choice of villages for implementing watershed projects is not in tune with the selection criteria that is generally followed. Generally, villages with less than 30% of irrigated area are selected for implementing watershed development projects. In the above sample, one could see that only 20% of villages have less than 33% area under irrigation. Similarly, the % of net sown area is also low (less than 33%) in only 11% of the total sample villages. This clearly indicates that the choice of villages for watershed development projects is not made

consciously to suit the selection criteria of watershed projects in the selected districts of Uttar Pradesh. However, if the village level data is juxtaposed with the secondary data, a completely different picture emerges. (Please refer to section on Sources of Irrigation).

Out of the total 16 districts, Balrampur has a highest net sown area of 93% in its total geographical area. The lowest percentage of net sown area is in Agra districts with 65% in its total geographical area. When the percentage of area sown more than once in its NSA is concerned Bahraich district has a highest (93%) area sown more than once in its NSA, the lowest percentage (34%) of area sown more than once is observed in the district of Sonbhadra. The highest percentage of net irrigated area in NSA is observed in the district of Bahraich with 88% and least net irrigated area is noticed in the district of Sonbhadra with 25% in NSA.

Sources of Irrigation

Village level assessment was conducted to understand the situation of irrigation sources in the sample watersheds. Out of 100 watersheds, clear and reliable data was available for 92% of sample villages and 8% of villages such data could not be generated. The analysis on this theme is based on the data of 92 watershed villages. Village level assessment of irrigation infrastructure indicated that wells (open wells, bore wells) are the major irrigation source available in the study villages. Each watershed village has about 68 wells. Of these 68 wells, 60 wells are functional and remaining 8 are dysfunctional. Though each watershed village has about 7.31 tanks, only 50% of them function (approximately). Similar distribution is seen in case of canals also.

However, the condition of these sources is not uniform in the sample watersheds. The percentage of dysfunctional units is also very high. The following table indicates that 18% of the sample villages have either dysfunctional wells or no wells at all. The number of villages that have dysfunctional tanks (54% of villages) and dysfunctional canals (75% of sample villages) is very high. Only 17 villages have canal facilities. The average command area of these functional canals is 111 Ha. The command area under functional tanks and functional wells are 4.5 ha and 3.3 ha respectively.

Table 5 Source of Irrigation – An Average Picture per Watershed

Source of Irrigation – An Average Picture per Watershed							
Source Of Irrigation	No of Villages Having Functional units	No of Villages that have dysfunctional units OR do not have these units at all	No of villages for which clear Data is not available	Ave Nos of units/ WSD	Average No of Functional Units/ WSD	Average No of Dysfunctional Units/ WSD	Average Area Irrigated/ Functional Unit (Ha)
Wells	74	18	8	68.31	60.41	7.9	3.3
Tanks	38	54	8	7.31	3.93	3.38	4.5
Canals	17	75	8	0.64	0.33	0.31	111

There is a clear discrepancy between the secondary data on irrigation and village level situation. The secondary data indicates that only 20% of villages have low irrigation and rest of them have high area (above 50% of NSA) under irrigation. While the primary data (village level assessment) gives a different picture of area under irrigation. The data generated from field data clearly indicates that irrigated area in sample watersheds is not very high as indicated in secondary sources. On the contrary, the need for improving irrigation facilities is clearly visible from the primary survey. Particularly, the command area under tanks could be substantially improved.

Table 6 District wise irrigation sources and area irrigated per unit

District	No of WSD Projects/ District	Ave Functional Well/ WS	Area Ha/ Well	Ave Functional Tanks/ WS	Area (Ha)/ Tank	Ave Functional Canals/ WS	Area (Ha)/ Canal
Sitapur	10	86.0	3.3	6.4	1.9	0.2	205
Lucknow	5	91.4	2.9	2.0	20.5	1	4
Lalitpur	10	30.2	4.9	16.7	1.9	0.1	1200
Agra	10	50.9	4.3	2.1	0.2	0.3	0.3
Balrampur	5	16.0	6.1	2.6	15	0.2	415
Bahraich	10	161.1	1.5	5.4	0.6	1.1	9.1
Chandouli	5	29.8	1.9	1.6	0	0.6	0
Jalaun	5	8.4	32.3	0.4	0	0.4	617.5
Jhansi	5	43.8	6.2	1.6	75	0	0
Lakhimpur	5	90.6	2.5	0.6	0	0.4	0
Mahoba	1	0.0	0	0.0	0	0	0
Pratapgarh	5	25.8	5	0.6	0	0	0
Sonbhadra	5	68.8	0	0.2	2	0.6	94
Varanasi	5	38.0	0.3	0.2	0	0	0
Ambedkar Nagar	5	89.2	4	5.0	10.8	0	0
Hamirpur	9	27.8	10.5	1.4	0	0	0
Grand Total	100	60.0	3.3	4.0	4.5	0.33	111

Table 7 Land Use Pattern in the sample villages

District	No. of WSDs with Valid data	TGA	NSA	% of NSA in TGA	% of area sown more than once in NSA	% of net irrigated area in NSA
Sitapur	9	12280.92	8825.72	72	78	60
Lucknow	5	4482.44	3044.37	68	82	84
Lalitpur	10	18703.74	13483.52	72	64	67
Agra	10	10492.70	6821.30	65	87	65
Balrampur	5	5597.00	5190.00	93	84	46
Bahraich	9	17463.66	14707.42	84	93	88
Chandauli	5	9149.55	7849.34	86	65	64
Jalaun	0	0	0	0	0	0
Jhansi	5	7890.80	6019.53	76	65	66
Lakhimpur	4	3491.17	2747.33	79	87	70
Mahoba	1	1875.00	1375.00	73	44	44
Pratapgarh	5	5999.03	3949.25	66	76	65
Sonbhadra	5	5159.40	3624.30	70	34	25
Varanasi	5	4244.50	3169.50	75	86	87

District	No. of WSDs with Valid data	TGA	NSA	% of NSA in TGA	% of area sown more than once in NSA	% of net irrigated area in NSA
Ambedkar nagar	5	5270.88	3609.71	68	79	87
Hamirpur	9	13293.85	9543.36	72	38	39
Grand total	93	140459.63	95659.65	68	70	65

Major Crops

Major crops in the study are Wheat, Paddy, Jowar under cereals, Greengram, Blackgram, Bengalgram under pulses, potato, tomato under vegetables, Groundnut under oil seeds and sugarcane, Sesame, Coriander, Green Peas, Menthol, Barley under others category.

Rainfall

The normal average rainfall of Uttar Pradesh during the winter season is 34.75mm, however, the average rain fall received during the 2009 winter season is 4.65mm which accounts only 13.40%. During the pre monsoon season the normal average of Uttar Pradesh is 31.05mm, though it received 32.8mm on average during the 2009 pre monsoon season. When it comes to monsoon season the normal average rainfall of Uttar Pradesh is 843.2mm, however it received an average of 503.7mm during the 2009 monsoon season. (Source: Indian Meteorological Department). The average number of rainy days is as low as 25 days during the year 2009 in study area, where last four years have recorded as drought years.

Type of soils

The majority of the area in all sample districts is covered with black loamy soil with an average depth of more than two meters. Sandy loamy also reported in the study area with an average depth of more than one meter, however, red soil also prevalent in study area with an average of depth of half a meter to one meter. In majority of the districts where black soil is prevailed, the soil erosion is more. The soil erosion is moderate in case of red soil.

Livestock

The total milch animal (Buffaloes and Cows) population of sample watersheds is 77078 and the average per district is 4817. However, in Lalitpur, Agra, Bahraich, Sonbhadra, Varanasi, Lucknow districts the milch animal population is more than average per district.

The Draft animal (Bullocks and He buffaloes) is 21611 and average population at district level is 1351. Yet, Sitapur, Lalitpur, Balrampur, Bahraich, Sobhadra and Hamirpur districts have draft animals more than per district average.

Small ruminant total population from study area is 96379; the district level average population is 6024. But, three districts (Lalitpur, Bahraich and Hamirpur) have more than the average.

The total poultry population of the study area is 1170 and Balrampur, Bahraich, Varanasi and Ambedkar Nagar districts have poultry population more than the average. The total other livestock (Pigs, Rabbitry, Duckery and Horses) population of 100 studied watersheds is 4175, with an average of 261 per district.

Literacy Rate

As per the 2001 census, the literacy rate of men is 54.82%, this is 24.37% for women and overall literacy rate is 40.71%.

Section – 3: Rapid Reconnaissance Survey

The main purpose of Rapid Reconnaissance Survey is to assess the impacts of watershed development project by community members themselves. This method is like a “self assessment” of watershed development projects by communities. For facilitating this, four sets of “impact indicators” were identified by the investigating team (following the guidance from NIRD). These impact indicators were classified into – physical; bio physical; economic and social components.

As part of rapid reconnaissance survey, a focus group discussion (FGD) with farmers, women and labors was conducted in each of the watershed villages. During the FGD, participants were asked to share their perception about the impact of watershed program. During this discussion, the villagers are encouraged give scores to each impact indicator. The scoring system is fine tuned with the individual weightages.

The response/ score given by the community tell about the changes that have taken place about a particular indicator after completion of watershed program. The scores which represent the responses of the community for each indicator under a particular component (say physical factors) were finally added at component level to give a picture of perceived impact under that component. The total scores of each component were added to arrive at the total score of each watershed (which is for a total 105 points). For this purpose, Schedule 1 is used by the investigators.

The total analysis under the Rapid reconnaissance survey is done for 87 watersheds (IWDP – 46, DPAP – 41). Remaining 13 watersheds were left out as the research team didn’t get the required information during the FGDs as the farmers group was adequately informed about the watershed development projects in these villages. The list of farmers (who benefited from the watershed works) supplied by concerned officers/ agencies (PIA/ Watershed committee/ GP) was not useful for conducting FGD. Indicator wise analysis and assessment of impacts is conducted in subsequent parts of this section of the report.

As already indicated, the Rapid Reconnaissance Survey schedule is divided into four main components i.e., Physical Factors, Biological Factors, Economical Factors and Social Factors. Under each main component there are several impact indicators and scores were assigned to each impact indicator. It is to be noted that these scores are not equal. Depending on the relative importance of each indicator, its score is decided. The total score for each of these components is different, which is mentioned here.

Physical factors (40) :
Biological factors (30) :
Economic factors (20) :
Social factors (15) :

Performance of Watersheds across Main Components – Physical Factors:

The impact of watershed development project against physical factors is an important consideration. Highest score is given this component, which is 40. Predictably, the impact related to physical factors is measured against a set of nine indicators. These indicators are mentioned here, along with their respective scores.

1. Land use pattern (3 points max)
2. Status of WHS (2 points)
3. The quality of water harvesting structures (5 points)
4. Percentage increase in the stream/spring flow period (5 points)

5. Increase in the ground water level (5 points)
6. Percentage reduction in the runoff (5 points)
7. Percentage reduction in soil erosion (5 points)
8. Percentage increase in the level of surface water (5 points)
9. Percentage decline in the wastelands (5 points).

The performance of watershed projects against the above indicators is “measured” by the community members, using the above scores. The distribution of sample watershed projects based on the scores of each watershed project against the above set of indicators is presented in the following table.

Table 8 Distribution of watershed projects as per the scores gained on Physical parameters

Distribution of Watershed Projects as per the scores gained on Physical Parameters – Max Score 40				
Range of Scores	DPAP GO PIA	IWDP GO PIA	IWDP NGO PIA	Total No of WSD
Less than zero	1	1	2	4
0 to 10	16	16	5	37
11 to 20	22	14	5	41
21 to 30	2	2	0	4
31 to 40	0	0	1	1
No Data	9	1	3	13
Total	50	34	16	100

It is clear that only 5% of total watershed projects gained scores that are above 20 under physical factors. Of these 5% watershed projects, only 1 watershed project got a score in the range of 31 to 40. 82% of sample watershed could get only less than 20% of the total score that is allocated for physical factors (which is less than 20 points). While 4% of watersheds got negative scoring, remaining watersheds are almost equally distributed in the range of 0 to 10 points (37 projects) and 11 to 20 points (41 projects). Of the total sample, consistent and reliable data is not available for 13 watershed projects.

The comparative analysis of performance of DPAP and IWDP projects indicates that the performance of both these category of projects is almost same, with minor differences. The number of projects under IWDP in the range of 0 to 10 points is higher than that of DPAP projects. These additional projects belong to NGO PIAs under the same category. If NGO PIAs are ignored, equal number of projects under both DPAP and IWDP projects are found in this category. It is interesting to note that the project that got highest score in this category is from NGO PIA category under IWDP.

The average value of scores for physical factors is about 10.5 out of 40, for both categories of projects. IWDP projects have an average score of 9.55, while DPAP projects have an average score of 11.64. The watershed project which gained highest score (34 points out 40) under this category belongs to IWDP, while the watersheds that gained lowest scores (-2 and -1) also belong to this category of projects.

The most commonly occurring score (MODE) in IWDP is 2.5 out of 40. This indicates that the overall performance of several IWDP projects fairly low. The most commonly occurring score (MODE) in DPAP projects is 9. Though this score is low in absolute sense, when compared to IWDP projects, this value is respectable.

A statistical analysis of the score is conducted for IWDP and DPAP projects separately in the following table (Table No. 9). This table explains the performance of IWDP and DPAP watersheds in terms of total score obtained by all sample watersheds for all indicators of impact under physical factors. The table also gives the details of no. of watersheds that have scored "0", mean (including and excluding watersheds scored "0"), mode, minimum and maximum values for each impact indicator under physical factors.

Change in Land Use Pattern:

Change in land use pattern is one of the expected results of watershed program. In the context of watershed, land use pattern can be defined as taking up suitable interventions based on the slope percentage and soil type of the land. In principle, lands in ridge location need interventions such as plantation and afforestation; in the valley region agriculture related initiatives required and in the middle region interventions like bushes and shrubs are needed. This will results in bring down the extent of cultivable waste and converts it to cultivable.

This indicator has a maximum score of 3 points. The FGDs gave scores that ranged from 0 to 3, indicating the levels of change/ impacts after the watershed projects. Out of 50 IWDP projects, 21 watersheds scored "0" value for this indicator. This indicates that there is no change in the land use pattern, even after the watershed project is implemented in these 21 villages. However, 18 IWDP project got highest score for this indicator, which is 3 points and 7 projects got a score of 2 points. These villages indicated that there is a positive change in the land use patter after the watershed project is implemented. The average scores for IWDP villages is 2.72, after excluding villages that got 0 score.

In case of DPAP projects also, 17 villages did not perceive any change in land use pattern even after the watershed project was implemented in these villages. 18 watershed projects got a score of 3 points (maximum points for this indicator) and 6 villages got a score of 2 points. The average score for this indicator is 2.8, after excluding the villages that got 0 score.

In Ambedkar Nagar, Hamirpur and Pratapgarh districts more than 80% of sample watersheds noticed the change (moving towards proper land use after watershed). On the other hand in Agra district only 20% of sample watersheds have experienced the proper land use after watershed program. In the rest of the seven districts 40% - 50% of watersheds have experienced the change in proper in land use. Land is slowly moving to proper land use in remaining eight sample districts in the state. In Jhansi, Chandauli and Agra districts 2, 2 and 4 sample watersheds respectively have perceiving slow change in proper land use. On the other hand there is no change in land use pattern in majority of sample watersheds in 12 districts even after watershed program. The no. of sample watersheds perceived no change is ranging from more than 3 to 6 in eight districts and 1 to 2 sample watersheds in another four districts.

Quality of WHS:

Water conservation is one of the six main components of watershed program (other five are land development, improvement in vegetation, change in cropping pattern, livestock production system, promoting livelihoods). There are several interventions which can be taken up under watershed for water conservation. Basically water harvesting structures can be grouped in two based on the purpose of the intervention, one is for irrigation and second is for percolation. The impact of water harvesting structure is depends on the quality of the structure. The quality of the structure is defined based on various parameters such as...

1. Community involvement in decision making
2. Location specific (Scope for percolation)
3. Use of locally available resources

4. Existing resources such as wells, bore wells under the structure to recharge
5. Users of the structure

Based on the above observations, the quality of the structure is assessed as very good, good, satisfactory and poor. This indicator under physical factors reflects the “quality” of water harvesting structures (in the above range – poor to very good). Since water harvesting structures are important interventions in any watershed development project, this indicator is given a score of 5 points.

The FGDs gave scores that ranged from 0 to 5, indicating the levels of quality of the water harvesting structures in each of the project. Out of 50 IWDP projects, 12 watersheds scored “0” value for this indicator. Further discussions with the community members clearly indicated the following reasons for “0” scores in these villages.

- These structures were constructed at wrong locations.
- The damaged structures were not repaired

Community members generally found that such structures also of poor quality, prompting them to give zero scores.

However, only 7 IWDP project got highest score for this indicator, which is 4 points and 27 projects got a score of 2 points. These villages indicated that the quality of water harvesting structures is reasonably good even after the project is completed. The average scores for IWDP villages is 2.41, after excluding villages that got 0 score. Highest number of projects got a score of 2, which indicates that the quality of WHS is not up to the desired quality. No watershed got highest score (which is 5 points for this indicator).

In case of DPAP projects also, 10 villages mentioned that the quality of water harvesting structures is poor. This situation is indicated by 0 score. 16 watershed projects got a score of 4 points (maximum points for this indicator) and 15 villages got a score of 2 points. The average score for this indicator is 2.3, after excluding the villages that got 0 score. Most commonly occurring score is 4, which indicates that the quality of WHS is relatively better in several DPAP watershed projects, when compared to the situation in IWDP projects.

The 23 watersheds that registered under good quality water harvesting structures are from 11 districts. Out of which six (25%) watersheds belong to Hamirpur district, three (12.5%) watersheds each from Bahraich and Chandauli districts. Remaining 50% watersheds are belonging to eight districts, where the no. of watersheds in each district is ranging from one to two.

On the other hand, 41 watersheds which perceived the quality of water harvesting structures as satisfactory, 46% of watersheds are from Agra (7), Lalitpur (6) and Sitapur (6) districts. Remaining 54% (22) watersheds are belongs to nine districts.

As mentioned above the quality of WHS is poor in another 23 watersheds. Among them 60% of watersheds are from seven districts (two in each districts), another 25% of the watersheds are from two districts Agra (3) and Hamirpur (3). Remaining three watersheds belong to Ambedkar Nagar, Lakhimpur and Pratapgarh.

Status of Water Harvesting Structures

This indicator under physical factors reflects the current “status” of water harvesting structures in the sample watersheds, as perceived by the members in FGD. The maximum score for this indicator is 2. The present status of water harvesting structures is assessed in a 2 point scale i.e., intact, silted up, partially damaged and fully damaged.

The FGDs gave scores that ranged from -1 to 2, indicating various levels of quality of the water harvesting structures in each of the project at the point of assessment. Out of 50 IWDP projects, 3 watersheds scored “0” value for this indicator. This indicates that there is no intervention for harvesting water in these villages. However, only 5 IWDP project got highest score for this indicator, which is 2 points. 2 projects got a negative score of -1 points and 31 projects got a score of 0.5, which is also the most commonly occurring value of the score (mode). These villages indicated that the status of water harvesting structures is below average in majority of the watershed projects under IWDP projects. The average scores for IWDP villages is 0.74, after excluding villages that got 0 score. The average picture of status of water harvesting structures is that of damaged or silted structures.

In case of DPAP projects also, 2 villages scored 0, which indicates that the WHS are not constructed in these villages. Only 2 watershed projects got a score of 2 points (maximum points for this indicator) indicating that the structures are in good condition. 9 villages got a score of 1 point. 25 DPAP projects got a score of 0.5 for this indicator, which indicates that the status of WHS is partially damaged in majority of DPAP watershed projects. This is also the most commonly occurring score under DPAP projects for this indicator. 3 DPAP projects got a score of -1 for this indicator, indicating that these structures are completely damaged. The average score for this indicator is 0.7 under DPAP projects, after excluding the watersheds that got 0 score. This score indicates that the status of water harvesting structures is partially damaged and/or silted up.

Majority (63%) of watersheds have noticed that the water harvesting structures are partially damaged. Among these 55 watersheds, 30 watersheds are from just four districts i.e., Agra (8), Hamirpur (8), Lalitpur (7) and Sitapur (7) districts. Remaining 25 watersheds are from 10 districts.

A minimum of 8% watersheds (7) have noticed that the water harvesting structures executed under watershed are intact. These seven watersheds are from six districts. On the other hand, water harvesting structures are silted up in 14 watersheds in 11 districts.

Water harvesting structures are fully damaged in five watersheds, each one these watersheds belong to Balrampur, Bahraich, Lakhimpur, Pratapgarh, Sonbhadra districts. In five watersheds water harvesting structures were not constructed, these watersheds are belongs to Bahraich, Chandauli, Sonbhadra and Varanasi.

Increase in stream/spring flow period (%):

This indicator under physical factors reflects the increase in flow period of streams (in number of days or percentage of flows) as a result of watershed interventions. The scoring is given by the members of community during FGDs. The maximum score for this indicator is 5. The increase in flow period is calculated based on the no. of days water flows during different seasons in a year before and after watershed. The different between before and after has converted into percentage of increase/decrease.

The FGDs gave scores that ranged from -1 to 5, indicating various levels of stream flows in each of the project. Out of 50 IWDP projects, 30 watersheds scored “0” value for this indicator. This indicates that there is no change in the flow of streams in these villages. However, only 5 IWDP project got highest score for this indicator, which is 5 points, which indicates that there is an increase of 10% of flow of stream after the watershed project is implemented. 8 projects got a negative score of -2 points, indicating a reduction in the stream flow. Only one projects got a score of 1 unit. Four projects got a score of 3 points. These villages indicated that the status of stream flows has improved after the watershed development project. Stream flows increased in very limited

number of IWDP projects. The average scores for IWDP villages is 3.5, after excluding villages that got 0 score. The most commonly occurring value of scores is 0, which is visible in 30 IWDP projects.

In case of DPAP projects also, 17 villages scored 0, which indicates that the stream flows are not really affected by watershed projects. 0 score is also the most commonly occurring score in the DPAP watershed projects. Only 6 watershed projects got a score of 5 points (maximum points for this indicator). 4 villages got a score of 3 point and 3 village got a score of 1 point. 11 DPAP projects got a score of -2 for this indicator, which indicates that the status of stream flows is below average in majority of DPAP watershed projects. The most commonly occurring score under DPAP projects for this indicator is 0. The average score for this indicator is 3.5 under DPAP projects, after excluding the watersheds that got 0 score.

This has enabled increase in stream/ spring flow period in 21 watersheds (13 DPAP, 8 IWDP watersheds) covering 12 districts in Uttar Pradesh. However, the percentage of increase is not same in these 21 watersheds. In remaining 66 watersheds there was no change or decrease in flow period. The reason behind this situation is in all the sample watersheds across districts in Uttar Pradesh, there was no rain for two to three consecutive years after watersheds. Accordingly most of the watersheds under severe drought conditions have not seen impact watershed program in terms of increase in flow period. In spite of this situation few watersheds able to see some increase, this reflects that there are several factors behind increase in flow period.

Ground Water Increase:

This indicator under physical factors is one of the most important indicators of impact in the context of watershed development project. This reflects the increase in ground water resources as a result of recharge due to watershed interventions. The scoring for this indicator is also given by the members of community during FGDs. The maximum score for this indicator is 5. The FGDs gave scores that ranged from -2 to 5, indicating various levels of ground water augmentation in each watershed project.

Out of the total 87 sample watersheds, 46 (17 DPAP and 29 IWDP) watersheds have noticed reduction in ground water level after watershed program. Remaining 13 watersheds (9 DPAP and 4 IWDP) have noticed no change in ground water level.

Water harvesting structures executed in sample watersheds have resulted in increase of ground water level in 28 (15 DPAP and 13 IWDP) watersheds. However 50% (6 DPAP and 8 IWDP) of these 28 watersheds have noticed an increase of one to two meters in ground water level. On the other hand, the maximum increase (more than 2 meters) in ground watershed level is observed in 5 DPAP and 3 IWDP watersheds, this percentage of increase is less than one meter in four DPAP and two IWDP watersheds.

According to the above situation, in majority of watersheds ground water table is decreased and no change in few watersheds. Severe drought conditions after completion of watershed program is one of the major reasons for this. As there are no norms evolved to share the watershed benefits, several farmers have drilled new bore wells during and after the watershed program, this could be another reason in decrease in ground water level.

Out of 50 IWDP projects, only 4 watersheds scored "0" value for this indicator. This indicates that there is no change in the ground water situation in these four villages. However, only 4 IWDP project got highest score for this indicator, which is 5 points. In these watersheds, the increase of groundwater is about 2 mt. 29 projects got a negative score of -2 points, which is the most common value of scores in the IWDP projects. In these watersheds, the ground water table depleted, after the watershed development project. Only two projects got a score of 2 units. 8 projects got a score

of 3 points. These villages indicated that the status of ground water increased by 1 to 2 mt. in majority of watersheds and there very limited number of IWDP projects in which the ground water actually increased. The average scores for IWDP villages is 3.31, after excluding villages that got 0 score. The ground water improvement is above 1 mt in this category of watershed projects.

In case of DPAP projects also, 9 villages scored 0, which indicates that the ground water resources did not really change/ improve even after watershed projects. Only 5 watershed projects got a score of 5 points (maximum points for this indicator). 6 villages got a score of 3 points and 4 villages got a score of 2 points. 17 DPAP projects got a score of -2 for this indicator, which indicates that the status of ground water has actually depleted in majority of DPAP watershed projects. The most commonly occurring score under DPAP projects for this indicator is -2. The average score for this indicator is 3.4 under DPAP projects, after excluding the watersheds that got 0 score.

Another important factor that is generally reported in majority of watershed projects is drought that is prevalent in the region for last three years. The depletion of groundwater is generally attributed to droughts by the communities.

Run Off Reduction:

This indicator under physical factors is one of the most important indicators of impact in the context of watershed development project. This reflects the reduced velocity and quantity of run-off (discharge) of rain water. Reduced velocity of run-off helps in improved ground water recharge and improvement in soil moisture regime at root zone level. This also helps in retaining the precious soil fertility of rain-fed lands.

The theory of watershed is “stop the running water and conserve the stopped water”. Therefore ridge valley principle need to be followed in execution of water conservation activities. The slope and type of soil erosion are interconnected and important parameters based on which type of interventions will be decided. Accordingly the runoff reduction will be influenced.

The scoring for this indicator is also given by the members of community during FGDs, after assessing the local conditions on this theme. The maximum score for this indicator is 5. The FGDs gave scores that ranged from 0 to 5, indicating various levels of runoff reduction in each watershed project.

Runoff reduced in 74 watersheds. In remaining watersheds there is no change perceived in runoff reduction. However, the percentage of runoff reduction is not similar across watersheds. Among the 74 watersheds, 37 of watersheds (19 DPAP and 18 IWDP) have observed that the percentage of runoff reduction is less than 40%. The maximum reduction (more than 80%) observed in two DPAP and six IWDP watersheds. In remaining 29 watersheds (15 DPAP and 14 IWDP) the runoff was reduced 40% - 80%.

Out of 50 IWDP projects, about 8 watersheds scored “0” value for this indicator. This indicates that there is no change in the runoff situation in these eight villages. However, only 6 IWDP project got highest score for this indicator, which is 5 points. In these five watersheds, the reduction in runoff is more than 80%. 14 projects got a score of 3 points and 18 projects got a score of 1 point, which is the most common value of scores in the IWDP projects. The average scores for IWDP villages is 2.37, after excluding villages that got 0 score. This indicates that the run off reduction is relatively high in IWDP watershed projects. Since there is drought in last three years, many discussions on this theme broadly indicated that there are low flows in the stream. It is difficult to attribute this phenomenon to watershed development projects in the light of prevailing drought.

In case of DPAP projects also, 5 villages scored 0, which indicates that the reduction in run off did not really reduce even after watershed projects. Only 2 watershed projects got a score of 5 points (maximum points for this indicator). 15 villages got a score of 3 point and 19 villages got a score of 1 point. The most commonly occurring score under DPAP projects for this indicator is 1. The average score for this indicator is 2.1 under DPAP projects, after excluding the watersheds that got 0 score. This value is marginally lesser than the value of IWDP projects. This indicates that the reduction in runoff is about 50%. The regular failure of monsoon is one of the influencing the run off in the streams in the watershed villages.

Soil Erosion Reduction:

This indicator under physical factors is one of the most commonly expected results of watershed projects at farmer's field level. This indicator reflects the ability of soils to absorb and retain moisture at root zone of crops/ plants, which is very essential for plant growth. Several interventions (mainly – soil conservation activities such as earthen bunds, etc) of watershed projects could result in the reduction in soil erosion. Soil erosion is generally depends on slope and soil type. Under watershed certain measures such as earthen bunding, stone bunding and gully plugs need to be taken up towards reducing the soil erosion. The reduction in soil erosion will trigger the improvement of productivity of the land.

The scoring for this indicator is also given by the members of community during FGDs, based on the analysis of local conditions of soil erosion. The maximum score for this indicator is 5. The FGDs gave scores that ranged from 0 to 5, indicating various levels of ground water augmentation in each watershed project.

Soil erosion got reduced in 75 watersheds and in remaining watersheds there was no change in soil erosion or soil erosion was not there. Out of the 75 watersheds, soil erosion reduced the maximum extent (more than 50%) in 11 DPAP and seven IWDP watersheds. In remaining 57 watersheds the soil erosion got controlled up to 50% after watershed. Among these 57 watersheds 25 watersheds were implemented with DPAP funds and 32 watersheds implemented with IWDP funds. The variation in the percentage of reduction basically depends on quality of soil and moisture conservation activities and soil types in the respective districts.

Out of 50 IWDP projects, only 7 watersheds scored "0" value for this indicator. This indicates that there is no change in the soil erosion situation in these 7 villages. Community members indicated that soil conservation activities are either minimal in these villages or largely incomplete. As a result of this, the reduction in soil erosion did not take place in these watersheds. However, only 7 IWDP project got highest score for this indicator, which is 5 points. The number of projects that got a score of 1 point and 3 points is equal, which are 16. The scores 1 and 3 are the most common value of scores in the IWDP projects. These villages indicated that the status of soil erosion is modest in majority of IWDP watershed projects. The average scores for this indicator for IWDP villages is 2.54, after excluding villages that got 0 score. In these villages, the reduction of soil erosion is reduced by about 25% to 35%. This is just above the average picture of the villages, where some impact is visible.

In case of DPAP projects also, 5 villages scored 0, which indicates that the soil erosion did not really stop in these even after watershed projects. However, 11 watershed projects got a score of 5 points (maximum points for this indicator). 13 villages got a score of 3 points and 12 villages got a score of 1 point. The DPAP watersheds are evenly distributed across all values of indicator. The average score for this indicator is 2.9 under DPAP projects, after excluding the watersheds that got 0 score. This is slightly higher than the corresponding value of IWDP projects. The most commonly occurring value for scores is 3. In such watersheds, the soil erosion is reduced by 50%.

Increase in Surface Water:

This indicator under physical factors indicates the potential created under watershed projects in terms of water storage/ harvested during the project. It is expected that surface water would eventually help in improving ground water recharge and irrigation potential. Surface water bodies also help in meeting needs of human beings and livestock. Several interventions (mainly – water harvesting structures and related activities, etc) of watershed projects could result in the improved storage of surface water. The scoring for this indicator is also given by the members of community during FGDs, based on the analysis of local conditions/ efforts made in watershed projects for harvesting rain water. The maximum score for this indicator is 5. The FGDs gave scores that ranged from -1 to 5, indicating various levels of surface water storage in each watershed project.

The availability of surface water is increased in 38 watersheds in the total sample, whereas, no change is observed in 44 watersheds and decreased in five watersheds. Among these 38 watersheds, maximum increase (more than 40%) is observed in 3 DPAP and 4 IWDP watersheds. The lowest increase (less than 20%) is observed in 11 DPAP and 6 IWDP watersheds. In another 15 watersheds (Six DPAP and Nine IWDP) which have perceived increase in surface water, the percentage is 20% to 40%. Majority of watersheds (44) have not observed any increased in availability of surface water, among these 19 watersheds were executed with DPAP funds and 25 watersheds were executed with IWDP funds. Two DPAP watersheds and three IWDP watersheds also observed a decrease in surface water availability. This is due to drought conditions.

Out of 50 IWDP projects, 25 watersheds scored “0” value for this indicator. This indicates that there is no change in the surface water storage in these 25 villages. The communities identified the following three reasons for this phenomenon.

- In these villages water harvesting structures were not taken up to the extent of local needs
- WHSs were not at all taken up
- In spite of WHSs, surface water was not increased as the last four years considered to be drought years

3 IWDP project got negative scores (-2 each); while 5 projects got 1 score; 9 projects got a score of 3 points each. These villages indicated that the status of surface water is improved by 20% to 40% in majority of IWDP watershed projects. The average scores for this indicator for IWDP villages is 2.89, after excluding villages that got 0 score. It may be observed that about 50% villages under IWDP did not have any improved storage/ harvested water.

In case of DPAP projects also, 19 villages scored 0, which indicates that the surface water did not really get stored in these villages even after watershed projects. However, only 3 watershed projects got a score of 5 points (maximum points for this indicator). 2 villages got a negative score of -2 points; 6 villages got a score of 3 points and 11 villages got a score of 1 point each. The average score for this indicator is 2.2 under DPAP projects, after excluding the watersheds that got 0 score. This is lower than the corresponding value of IWDP projects. In such villages, the surface water conservations is about 30%. The most commonly occurring value for scores is 0.

Decrease in Waste Lands:

This indicator under physical factors indicates the potential created under watershed projects for improving agriculture. When proper treatment of land takes place, much of the waste lands get converted into agricultural lands. This indicator supports the economic activity of the watershed village, after the watershed project is completed. In fact, watershed program under Integrated Wasteland Development Program (IWDP) sanctions to a village where the extent of wasteland is more, with an intention to develop the wasteland on priority basis and converts them into

productive land by investing watershed funds. On the other hand Drought Prone Area Program (DPAP) aims at improving the overall productivity of the watershed area, to be achieved the objective of the program it also develops wastelands based on the local need and users of the waste land.

The scoring for this indicator is also given by the members of community during FGDs, based on the analysis of local conditions/ efforts made in watershed projects for improving land quality in the watershed project villages. The maximum score for this indicator is 5. The FGDs gave scores that ranged from -2 to 3, indicating various levels of converting waste lands into agriculture lands in each watershed project. It is to be observed that none of the watersheds (in both IWDP and DPAP categories) got scores that is higher than 3.

Out of the 87 sample watersheds for which data is available in Uttar Pradesh the extent of wasteland has come down in 37 watersheds, out of which 18 watersheds are funded under IWDP program and another 19 watersheds are funded under DPAP program. The decrease in wasteland is calculated as a difference in the extent of wasteland before and after watershed program. The 38% of IWDP watersheds and 46% of DPAP watersheds out of the total sample watersheds under respective program also reported decrease in wastelands. However, the percentage of decrease across watersheds is not same. In majority of watersheds (10 IWDP and 8 DPAP watersheds) the percentage of decrease is up to 10%. The maximum decrease in wasteland noticed is more than 20% in nine watersheds. Among these nine IWDP watersheds are four and DPAP watersheds are five. In the rest of the watersheds (Six DPAP and four IWDP) the percentage of decrease in extent of wasteland is about 10% to 20%. With the above situation it is evident that the performance of IWDP watersheds in terms of wasteland development is little low when compare with DPAP.

Out of 50 IWDP projects, 25 watersheds scored "0" value for this indicator. This indicates that there is no change in the status of waste lands in the villages even after watershed projects is completed in these 25 villages. Only one project got a negative score (-2), indicating that the area under wastelands increased in this watershed. 4 projects got a score of 3 points each, which is the highest score of these projects for this indicator. 3 projects got a score of 2 points each and 13 projects got a score of 1 point each. The most commonly occurring value of score is 0, which indicates that there is no change in the quality/ quantity of waste lands in the watershed villages. The average value of scores for this indicator under IWDP is 1.55, without considering those villages, which scored 0 score. This performance is fairly weak. About 15% of waste lands are developed/ treated in these villages.

In case of DPAP projects also, 22 villages scored 0, which indicates that the waste lands did not really change in these 22 villages even after watershed projects. However, only 5 watershed projects got a score of 3 points (maximum points for this indicator). 6 villages got a score of 2 points each and 8 projects got a score of 1 point each. No village got a negative score (which is the case in IWDP projects). The average score for this indicator is 1.8 under DPAP projects, after excluding the watersheds that got 0 score. This is slightly higher than the corresponding value of IWDP projects. The most commonly occurring value for scores is 0, which is observed in 22 villages.

Table 9 Indicator wise statistical analysis – Physical factors

Indicator Wise Statistical Analysis – Physical Factors						
IWDP Projects	No. of watersheds that scored "0"	Mean (Excluding "0")	Mean (Including "0")	Mode	Min Score	Max Score
Change in land use pattern (3)	21	2.72	1.48	0	0	3
Quality of WHS (5)	12	2.41	1.78	2	0	4
Status of WHS (2)	3	0.74	0.62	0.5	-1	2
Increase in stream/ spring flow period (%) (5)	30	3.5	0.26	0	-2	5
Ground water Increase (m) (5)	4	3.31	-0.33	-2	-2	5
Runoff Reduction (%) (5)	8	2.37	1.96	1	0	5
Soil erosion reduction (%) (5)	7	2.54	2.15	1,3	0	5
Surface water increase (%) (5)	25	2.89	1	0	-2	5
Decrease in wastelands (%) (5)	25	1.55	0.63	0	-2	3
Total (40)		NA	9.55	2.5	-2	34
DPAP Projects						
Change in land use pattern (3)	17	2.8	1.6	3	0	3
Quality of WHS (5)	10	3	2.3	4	0	4
Status of WHS (2)	2	0.7	0.5	0.5	-1	2
Increase in stream/ spring flow period (%) (5)	17	3.5	0.6	0	-2	5
Ground water Increase (m) (5)	9	3.4	0.4	-2	-2	5
Runoff Reduction (%) (5)	5	2.1	1.8	1	0	5
Soil erosion reduction (%) (5)	5	2.9	2.6	3	0	5
Surface water increase (%) (5)	19	2.2	1	0	-2	5
Decrease in wastelands (%) (5)	22	1.8	0.9	0	0	3
Total (40)		NA	11.6	9	-0.5	30

Performance of Watersheds across Main Components – Biological Factors:

The impact of watershed development project against biological factors is an important consideration. The total score of this component is 30. The impact related to biological factors is measured against a set of three indicators. The last indicator is further subdivided into sub indicators. These indicators are mentioned here, along with their respective scores.

1. Improvement in the vegetative cover (3 points)
2. Percentage of increase in the cropping intensity (2 points)
3. Increases in the yield rates of
 - a. Cereals (3 points)
 - b. Pulses (2 points)
 - c. Oilseeds (2 points)
 - d. Fruits (3 points)
 - e. Vegetables (3 points)
 - f. Cotton (2 points)
 - g. Milk production (4 points)
 - h. Eggs (2 points)

- i. Fish (2 points)
- j. Meat (2 point).

The performance of watershed projects against the above indicators is “measured” by the community members, using the above scores. The FGDs covered discussions on these indicators also. The distribution of sample watershed projects based on the scores of each watershed project against the above set of indicators is presented in the following table.

Table 10 Perceptions of Impact on Biological Parameters

Distribution of Watershed Projects as per the Scores gained on Biological Parameters – Max Score 30				
Range of Scores	DPAP GO	IWDP GO	IWDP NGO	Total No of WSD
Less than zero	1	0	0	1
0 to 10	40	33	13	86
11 to 20	0	0	0	0
21 to 30	0	0	0	0
No Data	9	1	3	13
Total	50	34	16	100

It is interesting to see that all watershed projects in all categories fall into the same range of scores - 0 to 10 points, except one watershed (which scored negative score). While the total score is 30 for this parameter, the watershed projects in UP could not cross even 30% of the total score of this parameter.

It is sad that most of the FGDs clearly indicated that communities could not establish any relationship between biological factors and watershed development projects. 5% of watersheds refused to link watershed projects and biological factors. These watersheds gave a score of “0” for “ALL” indicators and sub-indicators. Basantpur (Chanduli Dist/ IWDP NGOPIA); Ichowli (Hamirpur Dist/ DPAP GO PIA); Jariyari (Pratapgarh Dist/ IWDP NGOPIA); Judvaria (Son Bhadra Dist – DPAP Go PIA); Sathijour (Bahraich Dist/ DPAP –GOPIA) belong to this category of watersheds in the state. Of these five watersheds, four of them got both positive and negative scores that got nullified, while the watershed projects in Basnathpur got absolute “0” scores for all indicators. However, Hati watershed in Jhansi got a total score which is negative (which is mentioned in the above table).

A large number of watershed projects (more than 30 watersheds in IWDP) also gave “0” scores to the following indicators - improvement in vegetative cover; cropping intensity; improvements in yields of pulses; fruits; vegetables; Cash crops; eggs; fish; meat. In case of DPAP, more than 30 watershed projects gave “0” scores for the following indicators – cropping intensity; increase in yields of fruits; vegetables; cash crops; eggs; fish and meat.

Improvement in Vegetative Cover

Out of the total 100 sample watersheds, the percentage of vegetative cover is increased in 20 watersheds in which 7 watersheds are funded by IWDP and 13 watersheds are funded by DPAP. In rest of the 67 watersheds, the percentage of vegetative cover is not increase in 63 watersheds (26 DPAP and 37 IWDP) and it is decreased in four watersheds (two watersheds each in DPAP and IWDP).

Out of the 20 watersheds in which there is improvement in vegetative cover, 18 (11 DPAP and 7 IWDP) of them have perceived an improvement of vegetative cover up to 20%.

On the other hand only in two DPAP watersheds vegetative cover has increased more than 20%.

7 watersheds under IWDP reported that the improvement of vegetative cover as a result of watershed projects. None of them got highest score that is allocated for this indicator. 13 projects under DPAP got positive scores. Out of 13 projects, two projects got a score of three points each. Two projects under DPAP and two projects under IWDP also reported negative growth in vegetative cover, which is also attributed to recurring drought in the region.

Increase in cropping intensity (%)

Bringing new lands into agriculture and improving the cropping intensity (more crops per unit of land in a year) are important part of watershed development project.

Majority of watersheds (83%) have noticed increase in cropping intensity. In only three watersheds (two DPAP and one IWDP) cropping intensity is decreased than before implementation of watershed program.

The percentage of increase is calculated based on the difference in cropped area in both the seasons in pre and post watershed phase. Out of the 83 watersheds, 32 DPAP and 31 IWDP watersheds have noticed less than 100% in cropping intensity. Whereas in five DPAP and eight IWDP watersheds have noticed 100% increase in cropping intensity. It is more than 100% in three DPAP and six IWDP watersheds.

15 projects under IWDP also reported much improved cropping intensity (100% and above). Out of 15 projects, 9 projects got a score of 0.5, indicating 100% increase in cropping intensity. However,

Indicators that Indicate Nothing

Very limited number of watershed development projects could have positive yields for the selected indicators – Yields of Fruits; Vegetables; Cotton; Eggs; Fish and Meat. As an illustration, only 5 watersheds (out of 100 watersheds) indicated that there is an increase in yields of fruits after watershed development projects. Rest of the watershed project (95 projects) could not establish any link between watershed projects and changes in yields or there is no difference in the yields of fruits. Unfortunately, large number of watershed projects fall into this category. The following table gives an indication of such indicators which have impacts in only limited number of watersheds.

Distribution of Projects that got positive scores for selected Indicators

	DPAP	IWDP	Total
Fruits	3	2	5
Vegetables	1	10	11
Cotton	6	15	21
Eggs	2	0	2
Fish	2	5	7
Meat	0	2	2

only 6 DPAP projects reported much higher improvement in cropping intensity (100% and above). Only one project got the highest score of 2 points for this indicator, indicating an increased cropping intensity of 120%.

Increase in Yields – Cereals

The changes such as reduction in soil erosion, runoff reduction, and decrease in extent of waste land, increase in ground water table and increase in cropping intensity are expected to trigger increase in agricultural yields in watershed village.

This presumption is proved in this study as 75% (35 DPAP and 40 IWDP) of sample watersheds have witnessed the increase in yields of cereals. In improving the yields of cereals both IWDP and DPAP watersheds recorded almost same performance. Equal number of DPAP and IWDP projects (6 each) reported no change or reduction in yields.

Though majority of watersheds have noticed the increase in yields, the percentage of increase is not uniform across watersheds. 40 IWDP projects reported that there is an increase in yields of cereals. 5 projects got highest scores (3 points each), which indicates 100% increase in cereals. 12 IWDP projects got a score of 2 points each. A large number of projects (23 IWDP) got a score of 1 point under this category, which indicate about 50% increase in yields of cereals. 35 DPAP projects reported increased yields in cereals. Only 5 DPAP projects reported to have an increase in yields to the extent of 100%+, which is indicated by a score of 3 points. 13 DPAP projects got a score of 2 points each. 17 DPAP projects got a score of 1 point each, which indicates an increment of 50% yields in cereals.

Increase in Yields – Pulses

40 projects indicated an increase in the yields of pulses. Increase in the yields of pulses is also reported in limited number of IWDP projects (Only 11 projects out of 50 projects). Out of these 11 IWDP projects, 9 projects got a score of 0.5 each, indicating 25% increase in yields of pulses. Only two IWDP projects reported increase in yields to the extent of 50% and more, which was indicated by a score of 1 and 2 points respectively. When compared to IWDP, more number of DPAP projects (29 DPAP Projects) reported better yields after the implementation of watershed development projects. Out of these 29 projects, 12 projects got a score of 0.5 points each, indicating about 25% increase in yields. 10 DPAP projects got a score of 1 point each. Remaining 7 DPAP projects got a score of 2 points each. The highest yield (up to 50% increase) is observed in these 7 watersheds.

Increase in Yields – Oil Seeds

Reasonable number of projects (a total of 61 projects - 33 IWDP projects and 28 DPAP projects) reported increase in yields of oil seeds after watershed development projects. 22 IWDP have reported 25% increase in yields. These watersheds got a score of 0.5 points each. 5 IWDP projects got a score of 1 each and only one project got a score of 2 points. Only this project indicated more than 50% increase in the yield of oils seeds in IWDP projects.

It is interesting to see that the distribution of watershed projects (across different values of scores) is almost same in case of DPAP and IWDP projects. Like in case of IWDP, 28 DPAP projects reported increase in yields. Only one DPAP project got a score of 2 points, which is similar to the situation of IWDP projects. Even in case of DPAP projects also, only 5 projects got a score of 1 point each. Large number of DPAP projects reported about 25% increase in yields.

Increase in Yields – Fruits

Under the horticulture Guava, Mango and Neem are the major species available in the sample watersheds. Out of the horticulture promoted watersheds, the increase in yields is observed in only five watersheds covering three districts (Hamirpur, Lalitpur and Agra). Among these five, three are

funded by DPAP and two are funded by IWDP program. Among the five watersheds, four watersheds (three DPAP and one IWDP) have noticed an increase of less than 25%, where as remaining one IWDP watershed has noticed up to 50% increase in yields of fruits.

Increase in Yields – Vegetables

When it comes to vegetables under horticulture 11 watersheds have observed an increase in yields. Among these 11 watersheds, 10 watersheds are funded by IWDP and one watershed is funded by DPAP program. Out of these 11 watersheds, one watershed is funded DPAP has noticed 50% - 100% increase; however five IWDP watersheds have noticed the same increase. Another five IWDP watersheds have observed less than 50% increase in yields and only one IWDP watershed has noticed more than 100% increase.

Increase in Yields – Cash Crops (Cotton)

When it comes to cash crops such as cotton, the yields after completion of watershed program is increased in 21 watersheds (Six DPAP and 15 IWDP). In another three watersheds (two DPAP and one IWDP) the yields of cotton is decreased. There was no changes observed in yields or crop was not taken up in remaining watersheds.

Among the 21 watersheds where cotton yields have increased, 9 watersheds (three DPAP and six IWDP) have noticed less than 25% increase when compare to the pre watershed phase. In another two DPAP and six IWDP watersheds the percentage of increase is up to 50%. On the other hand, highest increase as more than 50% increase is observed in one DPAP and three IWDP watersheds.

Livestock - Milk

When it comes to productivity of off-farm products, milk selling is the second major livelihood activity in the sample villages in Uttar Pradesh. Predictably, yields of milk increased in 42 project villages. In another 34 watersheds the yields of milk is not increased and in another 11 watersheds it is decreased. The reasons for decreasing the yields level is scarcity of fodder and drinking water for livestock due to consecutive drought years after completion of watershed programs.

Out of the 42 watersheds, maximum increase in milk yields is (more than 100%) observed in one DPAP and four IWDP watersheds. Next to this, in five DPAP and nine IWDP watersheds reported an increase in milk yields between 50% and 100%. The lowest increase (< 50%) is noticed in 10 DPAP and 13 IWDP watersheds. The reasons for increase of milk yield is most of these villages are near to big towns having enough demand for milk. Farmers also took care of their animals with additional/necessary inputs. There was also a brief discussion whether the increase in productivity of animals could be attributed to watershed projects or to the proximity to towns.

Livestock – Eggs/ Fish/ Meat

The no. of watersheds noticed the increase in yields of eggs is two which are funded by DPAP. In another two watersheds funded by the DPAP the eggs yield is decreased. In remaining 83 watershed eggs yields is not increased or it is not done as enterprise activity.

Activities related to fisheries are not taken up in several watersheds. However, seven watersheds reported an increase in the yield of fish. Majority of them (5 Nos) belong to IWDP watershed projects. In remaining watersheds, the fish yield did not change before and after watershed development project.

Among the seven watersheds where the fish yields is increased, in one DPAP and two IWDP watersheds the yields is increased less than 25%, in another one watershed each in IWDP and DPAP this percentage increased up to 50%. The maximum increase (> 50%) is observed in one IWDP watershed in Agra district.

Meat yield in sample villages in increased in only two watersheds funded by IWDP program. However, it is increased in one DPAP and one IWDP watersheds. In remaining 83 watersheds meat yield is not increased or not taken up the activity as an enterprise. However, in one IWDP watershed the yields is increased less than 10% and in another watersheds it is increased more than 25%.

In several villages, members in FGDs found it rather strange to discuss these points (eggs; meat; fish; etc) as they could not establish any relationship between watershed development projects and these indicators.

Table 11 Statistical Analysis of scores – Biological factors

IWDP (46)	No. of WSDs scored "0"	Mean -1 (Excluding "0")	Mean - 2 (All WSDs)	Mode	Minimum	Maximum
Improvement in vegetative cover (%) (3)	37	1.43	0.17	0	-1	2
Cropping Intensity (2)	30	0.9	0.27	0	-1	2
Cereals (3)	6	1.55	1.35	1	0.00	3
Pulses (2)	31	0.68	0.08	0	-1	2
Oilseeds (2)	12	0.7	0.48	0.5	-1	2
Fruits (3)	44	0.75	0.03	0	0.00	1
Vegetables (3)	36	0.85	0.18	0	0.00	2
Cash crop cotton (2)	30	1	0.3	0	-1	2
Milk (4)	15	1.81	0.91	0	-1	4
Eggs (2)	46	0	0	0	0	0
Fish (2)	41	1.2	0.13	0	0	2
Meat (2)	43	1.25	0.03	0	-1	2
Total (30)	2	12.12	3.95	3.5	0	9.5
DPAP (41)						
Improvement in vegetative cover (%) (3)	26	1.38	0.39	0	-1	3
Cropping Intensity (2)	32	0.83	0.05	0	-1	2
Cereals (3)	5	1.66	1.39	1	-1	3
Pulses (2)	9	1.03	0.66	0.5	-1	2
Oilseeds (2)	10	0.64	0.37	0.5	-1	2
Fruits (3)	38	0.5	0.04	0	0	0.5
Vegetables (3)	40	1	0.02	0	0	1
Cash crop cotton (2)	33	0.92	0.09	0	-1	2
Milk (4)	19	1.5	0.44	0	-1	4
Eggs (2)	37	0.5	-0.02	0	-1	0.5
Fish (2)	38	0.75	0.01	0	-1	1
Meat (2)	40	0	-0.02	0	-1	0
Total (30)	3	10.72	3.4	2.5	-2	9

Performance of Watersheds across Main Components – Economic Factors:

The impact of watershed development project against economic factors is important for sustaining the interventions and benefits of watershed development project. The total score given to the Economic Factors is 20 points. The economic impact of watershed development project is measured

against the following six indicators. Each indicator is given a separate score (ranging from 2 points to 5 points).

1. Additional Employment days as labor days per year (5 points)
2. Additional BCR (3 points)
3. IRR (5 points)
4. Additional expenditure (Rs.) per person/per year (2 points)
5. Linkages with line departments (3 points)
6. Linkages with banks (2 points)

The performance of watershed projects against the above indicators is “measured” by the community members, using the above scores. The FGDs covered discussions on these indicators also. The distribution of sample watershed projects based on the scores of each watershed project against the above set of indicators is presented in the following table.

Table 12 Perceptions of Watershed projects as per the scores gained on Economic Parameters

Distribution of Watershed Projects as per the Scores gained on Economic Parameters (Max Score 20) Perceptions of Impacts on Economical Parameters				
Range of Scores	DPAP GO	IWDP GO	IWDP NGO	Total
Less than zero	0	0	0	0
0 to 5	16	10	7	33
6 to 10	17	23	4	44
11 to 15	7	0	2	9
16 to 20	1	0	0	1
No Data	9	1	3	13
Total	50	34	16	100

The distribution of watershed development project is largely concentrated between 0 to 5 scores (33 projects) and 6 to 10 scores (44 projects). 9 projects also got scores that ranged between 11 and 15. Only one project got the highest score which is 16 points. When compared to other indicators, the performance of watershed development project against these indicators is reasonably good. The variations in the performance of DPAP projects is relatively high as these projects got scores in all ranges of the distribution table. In case of IWDP GO PIA projects, large number of projects (23 Nos) is located within a range of 6 to 10 points. It is interesting to observe that the distribution of IWDP NGO projects was also even in all categories of distribution table. For the entire sample, the most commonly occurring total score is 5. The average value of total scores for this set of indicators is 6.7, which is less than 50% of the total maximum score for this indicator.

One watershed project (Bhounia, Hamirpur district – DPAP Project GO PIA) got “0” score for all indicators under this category. Similarly, four watershed projects (Labhera, Jhansi District, DPAP Project GO PIA; Yogyakala, Chanduali District – IWDP NGO; Kheradeeha, Son Bhadra District – DPAP GO); Majhiya, Sitapur District – IWDP GO) also got “0” scores for five indicators, out of six indicators.

Linkage with departments is the least performing indicator among all economic indicators. 68 watershed projects could not establish any linkage between watershed committees/institutions and departments. After this, the Internal Rate of Return (IRR) is also “less than 6, which is indicated by “0” score for 59 watershed projects. About 53 watershed project reported that they could not establish linkages with banks, which is indicated by “0” scores. .

Additional employment as labour days

When agriculture is stabilized after watershed project, there is a possibility of generating more wage opportunities within the village (from agriculture and allied sectors). The no. of watersheds scored '0' is more in IWDP watersheds (8) than in DPAP watersheds (4). In these watersheds, there is no additional employment after the watershed development projects are implemented. The most common score obtained by individual watersheds is 3.00 and this value is same for both IWDP and DPAP watersheds. In these watershed villages, about 20 to 40 wage days are created annually. It is interesting to note that minimum and maximum scores of individual watersheds are also same for both IWDP and DPAP watersheds (0 and 5 points respectively). The average value of this indicator is 3.18 in case of IWDP and 2.97 in case of DPAP projects. The additional wage days/ employment days are reported to be between 20 to 40 days.

Additional BCR

Benefit Cost Ratio is

22 watersheds (IWDP-10, DPAP-12) have scored '0'. As per the 65 watersheds DPAP watersheds are better than the IWDP. The most common score of watersheds is also high in IWDP watersheds (2.00). When it comes to minimum score, both IWDP and DPAP watersheds have got '0'.

Internal Rate of Return (%)

The performance of watersheds in IRR is concern, 59 watersheds are performed poor. Among these 59, IWDP watersheds are 32 and DPAP watersheds are 27. As per the information from 28 watersheds, the performance of DPAP watersheds is better. However, the most common score of watersheds, and the minimum and maximum scores of individual watersheds are same for both IWDP and DPAP watersheds.

Addition expenditure (Rs/ person/year)

The additional expenditure per person/ year is not increased in 4 IWDP and 3 DPAP watersheds. Based on the information from 80 watersheds the expenditure is increased more in DPAP watersheds than in IWDP watersheds. However, the most common score of watersheds is 1.00 in IWDP watersheds and 0.50 in DPAP watersheds. The minimum score of individual watersheds is 0.00 and it is same for all watersheds.

Linkages with line departments

The linkages with line departments is concerned it is better in DPAP watersheds. However, in 36 IWDP and in 32 DPAP watersheds the linkages with line departments is never existed. As per the 19 watersheds DPAP watersheds are better in terms of linkages with line departments.

Linkages with Banks

Out of 87 sample watersheds, 53 watersheds do not have linkages with banks. However, the performance of DPAP watersheds is still better as per the information from 34 watersheds.

Table 13 Statistical Analysis of Scores – Economic Factors

Statistical Analysis of Scores – Economic Factors							
Program	Additional employment as labour days (5)	Additional BCR (3)	IRR (%) (5)	Additional expenditure (Rs/ persons/ Yr) (2)	Linkages with line department (3)	Linkages with Banks (2)	Total (20)
IWDP (46)							
No. of WSDs scored "0"	8.00	10.00	32.00	4.00	36.00	28.00	0.00
Mean -1 (Excluding "0")	3.18	1.92	2.29	0.98	2.10	1.00	11.46
Mean -2 (All WSDs)	2.63	1.50	0.70	0.89	0.46	0.39	6.57
Mode	3.00	2.00	0.00	1.00	0.00	0.00	7.50
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	3.00
Maximum	5.00	3.00	5.00	2.00	3.00	2.00	13.50
DPAP (41)							
No. of WSDs scored "0"	4.00	12.00	27.00	3.00	32.00	25.00	1.00
Mean -1 (Excluding "0")	2.97	1.97	2.64	1.09	2.33	1.06	12.07
Mean -2 (All WSDs)	2.68	1.39	0.90	1.01	0.51	0.41	6.91
Mode	3.00	0.00	0.00	0.50	0.00	0.00	5.00
Minimum	0.00	0.00	0.00	0.00	0.00	0.00	-
Maximum	5.00	3.00	5.00	2.00	3.00	2.00	16.00

Performance of Watersheds across Main Components – Social Factors:

Performance of watershed development project on social indicators is an important requirement for sustaining impacts of watershed development projects. Total score for social factor is 15. The impact or performance on the social aspects of watershed development project is measured with the support of the following indicators. Separate scores are given to each of the indicators as per the importance of each of these indicators.

1. Contribution to WDF (5 points)
2. Percentage debt reduction position (2 points)
3. Reduction in work load (hrs/per day) (3 points)
4. Percentage of CBOs functioning (2 points)
5. Social audit (1 point)
6. Benefit sharing mechanism (1 point)
7. Maintenance of CPRs (1 point each).

The performance of watershed projects against the above indicators is “measured” by the community members, using the above scores. Necessary secondary data was also collected from the watershed committees/ PIAs, whenever possible to understand any point in a detailed manner. . The distribution of sample watershed projects based on the scores of each watershed project against the above set of indicators is presented in the following table.

Table 14 Perceptions of Impact on Social Parameters

Perceptions of Impacts on Social Parameters – Max Score 15				
Range of Scores	DPAP GO	IWDP GO	IWDP NGO	Total
Less than zero	10	8	2	20
0 to 5	29	22	10	61
6 to 10	2	3	1	6
11 to 15	0	0	0	0
No Data	9	1	3	13
Total	50	34	16	100

It is important to note that not even a single watershed project is located in the top bracket of the above frequency distribution table (within the range of 11 to 15 points score). 20 projects got negative total score, which indicates that social indicators of watershed development project in UP (in these 20 projects) is unsatisfactory. A large number of watershed development project (61 projects) falls into the range of 0 to 5 points score. Of this category of watershed development projects, 7 projects got a total “0” score. While the scores of four social indicators are completely “0” for these seven watershed projects, remaining indicators got both positive & negative scores, which nullified each other finally. Value of scores is “0” for six indicators in 27 watershed projects. In these watersheds, only one indicator (reduced debt) got either positive or negative scores. Out of these 27 projects, 11 projects belong to DPAP and remaining 16 projects belong to IWDP category. This situation clearly indicates a low emphasis that is given on social aspects of the watershed projects in the state. 84 projects have scored “0” values for three indicators, namely social audits; benefit sharing mechanisms; maintenance of CPRs. This situation clearly indicates that majority of watershed development project in Uttar Pradesh had neglected social dimensions of watershed development projects, that focus on transparency and collective action.

A statistical analysis of scores of Social Factors is conducted (Please refer Table XXX) for details. The key observations from this analysis are presented here.

Contribution to WDF

The guidelines of watershed program emphasized the need for collection of genuine contribution from the beneficiary farmers. This contribution could be paid by the beneficiaries of the intervention in the form of either labor or money or material. The percentage of contribution could vary from program to program and the category of beneficiary’s. In case of DPAP and IWDP, individual beneficiary belongs to SC community should pay 5% of the cost of interventions, others should pay 10% of the total cost of the intervention. In case of community level interventions, the percentage of contribution as prescribed above should pay collectively by all beneficiaries. Contribution should not be paid by laborers or from the labor component. Collecting contribution from the beneficiaries not only improves the ownership over the invention, but also reflects their involvement in planning and execution of watershed program.

Contribution is totally paid by the beneficiaries as per the norms in just two DPAP and one IWDP watersheds. On the other hand, contribution is paid partly by beneficiaries in 10 watershed projects and partly taken out from labor wages in 12 watersheds. In another 62 watersheds (29 DPAP and 33 IWDP) contribution is totally taken out from the labor component.

Reduction in debts (%)

Though this indicator broadly belongs to economic well being of families, this indicator could also indicate the social well being of the families in the rural areas. The scores clearly indicate that 3 watershed projects, the situation did not improve at all. The value of scores is negative in these villages. In 24 watershed projects, the situation did not change in terms of debt repayments. Both IWDP and DPAP projects share almost equal number of projects in this category of watershed projects. 37 projects indicated a marginal decline in debt position and about 50% families are free from debt. Of these 37 projects, 19 projects are for DPAP and remaining projects are from IWDP category. The most common score obtained by watersheds is 0.50; this means the debt position is reduced up to 50%. Above 5 projects reported higher level of debt reduction (50% to 100%). All these projects belong to DPAP category of watershed development projects.

Reduction in workload

The workload of women in fetching drinking water, fuel wood and fodder for livestock supposed to be reduced with the watershed interventions. A total of 25 watersheds reported negative values for the score, indicating the increase in workloads of women, after the watershed projects. Out of these 25 projects, 11 projects belong to IWDP and remaining 14 belong to DPAP watersheds. In 41 watersheds, there is no change in workloads of women (before and after the watershed projects). Of this category, 17 projects belong to DPAP and remaining projects are from IWDP.

In 21 projects, women have reported reduction in workloads and related time savings. Both DPAP (11 Nos) and IWDP projects (10 Nos) have equally shared these projects. Of these 21 projects, only one project reported highest savings in time and reduction in workloads. Remaining watersheds have reported a reduction of workloads upto one to two hours per day. However, in several villages women mentioned that they are currently spending more time in fetching water, fuel wood & fodder due to the drought conditions.

Functional CBOs (%)

The strong community based organizations (CBOs) will makes any development program successful. The role of CBOs is very significant in watershed program. However, community organization is not given enough priority under watershed program in all sample watersheds in Uttar Pradesh. CBOs were never considered as part of watershed program, therefore, they did not have any creative and effective role in the matters related to watershed. No activity is taken up by PIAs to organize community into groups and strengthening the existing groups as well.

In 20 projects, the CBO members were nominated by PIA/ government officers. The concerned members do not know about these institutions and their membership in these institutions. 13 DPAP and 7 IWDP projects belong to this category. 55 watersheds reported that no CBO exists or functions at the point of survey. 24 projects are from DPAP and remaining projects are from IWDP.

When it comes to functional status of CBOs is concern, in 31 IWDP watersheds and 24 DPAP watersheds no CBO is working at present. Only in 32 watersheds CBOs are functional, accordingly the performance of IWDP watersheds is better than the DPAP watersheds. 12 projects have reported that the CBOs are functional. However, the percentage of functional CBOs is less than 50% in two DPAP and five IWDP watersheds. In another two watersheds each in DPAP and IWDP programs, the percentage of functional CBOs is up to 100%. Only in Maighalganj watershed in Lakhimpur district, CBOs are totally functioning. Yet, role of these CBOs in Maighalganj is also fairly low.

Other Indicators: Social Audit/ Benefit Sharing Mechanisms/ Maintenance of CPRs:

The performance of watersheds in these indicators is fairly low (almost absent). It is unfortunate that watershed development project in Uttar Pradesh did not give adequate attention to these elements, which are essential for sustaining the project benefits.

Out of the 87 sample watersheds, social audit was not organized in any watershed except in one DPAP watersheds. However, the field level inquiry clearly indicated that the social audit was not conducted even in this DPAP watershed project. According to the PIA officials in Balrampur district social audit was conducted in Badagoan watershed which was funded by DPAP program. However, community members in Badagoan watershed are not aware of such even in the village.

The benefits of watershed program can be shared among the community by evolving necessary norms; therefore, the role of PIA is very critical to this end. Out of the 87 sample watersheds, the benefit sharing mechanism is not evolved in 85 watersheds. In one DPAP and one IWDP watershed the mechanism was evolved. Accordingly both the watersheds stand at same position with equal score. The need for appropriate sharing mechanisms is highlighted by the current practices of groundwater use in the watershed villages. Ground water level has increased due to watershed interventions in several villages. Motivated by this, few farmers invested on new bore wells in the village. However, neighboring farmers who do not have irrigation facility are buying water for irrigation from these bore well owners, on hourly basis. Some farmers are equally sharing water and electricity bill. This practice is observed in many watersheds. Given this trend, is important to evolve norms for sharing ground water/ other resources in the watershed project for sustainable and equitable use of ground water/ other resources.

The common property resources developed under watershed program are to be maintained by the farmers or Gram Panchayati. However, in 46 IWDP watersheds and in 39 DPAP watersheds CPRs are not maintained by anybody. In remaining 2 DPAP watersheds CPRs are maintained by Gram Panchayati. In fact in those two watersheds Gram Panchayati is aware of its responsibilities in the context of CPRs.

Table 15 Statistical Analysis of Scores – Social factors

Statistical Analysis of Scores – Social Factors								
Watershed name	Contribution to WDF (5)	Debt position reduction (%) (2)	Reduction in workload (hrs/ day) (3)	Functional CBOs (%) (2)	Social Audit (1)	Benefit sharing mechanism (1)	Maintenance of CPR (1)	Total (15)
IWDP (46)								
No. of watersheds score d "0"	33.00	11.00	24.00	31.00	46.00	45.00	46.00	4.00
Mean -1 (Excluding "0")	2.69	0.77	1.64	0.81	0	1.00	0	6.91
Mean -2 (All WSDs)	0.76	0.39	0.15	-0.01	0	0.02	0	1.32
Mode	0	0.50	0	0	0	0	0	0.50
Minimum	0	-1	-1	-1	0	0	0	-2
Maximum	5.00	2.00	3.00	2.00	0	1.00	0	7.50
DPAP (41)								
No. of watersheds score d "0"	29.00	13.00	17.00	24.00	40.00	40.00	39.00	3.00
Mean -1 (Excluding "0")	2.83	0.65	1.60	0.75	1.00	1.00	1.00	8.83
Mean -2 (All WSDs)	0.83	0.28	0.05	-0.24	0.02	0.02	0.05	1.01
Mode	0	0.50	0	0	0	0	0	0.50
Minimum	0	-1	-1	-1	0	0	0	-2
Maximum	5.00	2.00	2.00	1.00	1.00	1.00	1.00	7.50

Understanding Impacts of Watershed Projects based on Total Scores on Impacts from FGDs: The scoring system for each indicator helps to compare different types of watershed development projects in the state. It also helps in giving a “total picture” of impacts of watershed development projects in the selected villages. The total score (which is obtained by summing up scores of all indicators) is used for this analysis. A statistical analysis of these total scores is also conducted with the help of the following Table No 16.

Table 16 Distribution of watershed project and statistical analysis of total scores

Distribution of Watershed Projects and Statistical Analysis of Total Scores				
	DPAP GO	IWDP GO	IWDP NGO	Total
0 to 33	36	30	11	77
34 to 66	5	3	2	10
67 to 105	0	0	0	0
No Data	9	1	3	13
Total	50	34	16	100
No. of watersheds scored "0"	0	0	0	0
Mean	22.97	21.23	21.7	22.13
Mode	28.5	16	24.5	24.5
Minimum	9	6	1.5	1.5
Maximum	47	36.5	39.5	47

From the table it is clear that the majority of watershed projects are located within the total range of 0 to 33. 36 of these projects got a total score which is less than 20 points. 41 projects got a total score that ranged between 20 to 33 points. The lowest total score that is obtained by any project is only 1.5 points (out of 100 points). (Basantpur watershed in Sakaleddeha block in Chanduali district – IWDP project). Only 10% of projects got a score that ranged between 34 to 66 points. In fact, the highest total score that is obtained by any watershed project in UP is only 47 points. (Navanagar Gaon watershed, Kuapur in Balrampur District – DPAP Project). This distribution of projects clearly establishes the poor performance of watershed projects in UP. In the entire sample, the most commonly occurring value (mode) of the total score is 24.5 points. However, the DPAP projects have higher value of mode, which is 28.5. IWDP GO projects have lowest values for most commonly occurring values of the total score.

Table 17 District wise average scores for all four factors in Uttar Pradesh

District wise average Scores for All four factors in Uttar Pradesh (Arranged in the ascending order of the total scores)					
District	Total Physical (40)	Total Biological (30)	Total Economical (20)	Total Social (15)	Grand Total (105)
Agra	5.40	4.50	6.55	-0.20	16.25
Lucknow	8.50	3.00	4.00	0.75	16.25
Jhansi	12.50	1.63	3.38	0.75	18.25
Bahraich	9.14	1.86	7.36	1.14	19.50
Son bhadra	10.60	2.30	6.20	0.90	20.00
Varanasi	8.63	4.75	4.63	2.38	20.38
Chanduali	8.30	3.10	5.80	3.20	20.40
Hamirpur	10.89	3.67	5.94	0.61	21.11

Mahoba	15.00	6.00	3.50	-2.00	22.50
Pratapgarh	12.30	2.40	7.40	0.90	23.00
Sitapur	11.69	3.56	6.31	1.75	23.31
Lakhimpur kheri	10.60	4.40	8.50	1.90	25.40
Balrampur	14.00	3.50	7.20	3.30	28.00
Lalithpur	12.75	5.20	9.45	0.60	28.00
Ambedkar nagar	13.50	5.50	8.60	1.20	28.80

The district wise details of average scores for all four factors are presented in the above Table 17. This also clearly indicates that the performance is fairly weak for each district. The average scores did not cross even 30 points in any district. The average district total score is about 22.08 points. Highest average total score is 28.80, which is observed in Ambedkar Nagar district. The reason for low scores is largely attributed to the low scores of social factors. Out of a total value of 15 points for social factors; the average performance of any district is a dismal picture in literal terms. 50% of districts got a score that is less than one point. In a couple of districts, the averages score for social factors is even negative. The highest average score for social factor is 3.3 for Balrampur district. This highest score is only 22% of the total score allocated for social factors (15 points). The district average score for Physical Factors is 27% of the total score allocated for this factor (10.92 out of 40 points). The district average score for Economic Factor is relatively better, which is 32% of the total score allocated for this factor. As already indicated, the district average score for social factors is only 6% of the total value of the score for this factor (1.15 points out of 15 points).

Understanding “0” scores:

It is important to understand that several watershed projects got total “0” scores for several indicators. In case of indicators like status of water harvesting structures, the number of watersheds that got “0” score is minimal (5 Nos out of 87 watersheds, for which data available). In case of indicators like social audit, maximum number of watershed projects got “0” scores, indicating that such intervention (social audits) was not conducted at all in these 86 (out of 87 watershed projects) watershed projects.

The “0” score indicates either the absence of impact or absence of activity itself. Some of the indicators are “results” of several activities under watershed development projects and there may not be specific activities that were taken up for this indicator. (Eg: Increase in productivity of crops: This is expected to happen as a result of soil conservation activities and/or water conservation activities). If impact is not observed against these indicators, there could be several reasons for this – either the quality of project implementation is weak or choice of activities is wrong or any other reasons.

It is particularly sad to that large number of watershed projects got “0” scores for social indicators. More than 40 projects got “0” scores for 6 social indicators (out of total 7 social indicators). Similarly, more than 40 projects got “0” scores for 9 biological indicators (out of total 12 biological indicators). Similar performance is observed in case of economic indicators also, where more than 40 projects got “0” scores in case of 3 indicators (out of 6 total economic indicators). However in case of Physical indicators there is a small improvement. More than 40 projects got “0” scores only in case of 3 physical indicators (out of total 9 physical indicators).

The following Table No 18 gives the details of those projects which scored “0” values for impact indicators. It is easy to understand that there are watershed projects/ villages that got “0” scores for all indicators of impact. Not even a single indicator is observed that got some positive score in the total sample of watershed projects. This is rather a dismal picture of the watershed projects in the

state. The previous sections already gave details of the “0” scores for each indicator, in respective sections of the report. This particular table gives a consolidated picture of indicators that got “0” scores and number of watershed projects under each indicator.

Table 18 Indicator wise number of watershed projects that got ‘0’ scores

Indicator Wise Number of WSD Projects that got “0” scores						
S No	Category of Indicator	Indicator (Max Score)	DPAP GO	IWDP GO	IWDPNGO	Total
1	Physical	Status of WHS (2)	2	0	3	5
2	Economic	Additional expenditure (Rs/persons/Yr) (2)	3	1	3	7
3	Biological	Increase in yields (MC) Cereals (3)	5	3	3	11
4	Physical	Soil erosion reduction (%) (5)	5	3	4	12
5	Physical	Ground water Increase (m) (5)	9	3	1	13
6	Physical	Runoff Reduction (%) (5)	5	4	4	13
7	Economic	Additional employment as labour days (5)	5	5	3	13
8	Economic	Additional BCR (3)	4	5	5	14
9	Physical	Quality of WHS (5)	10	9	3	22
10	Biological	Increase in yields (MC) Oilseeds (2)	10	7	5	22
11	Social	Debt position reduction (%) (2)	13	9	2	24
12	Biological	Increase in yields livestock - Milk (4)	19	8	7	34
13	Physical	Change in land use pattern (3)	17	14	7	38
14	Biological	Increase in yields (MC) Pulses (2)	9	21	10	40
15	Social	Reduction in workload (hrs/day) (3)	17	18	6	41
16	Physical	Surface water increase (%) (5)	19	20	5	44
17	Physical	Increase in stream/spring flow period (%) (5)	17	23	7	47
18	Physical	Decrease in wastelands (%) (5)	22	16	9	47
19	Economic	Linkages with Banks (2)	25	21	7	53
20	Social	Functional CBOs (%) (2)	24	21	10	55
21	Economic	IRR (%) (5)	27	22	10	59
22	Biological	Increase in Cropping intensity (2)	32	20	10	62
23	Social	Contribution to WDF (5)	29	26	7	62
24	Biological	Improvement in vegetative cover (%) (3)	26	26	11	63
25	Biological	Increase in yields (MC) Cash crop cotton (2)	33	19	11	63
26	Economic	Linkages with line department (3)	32	25	11	68
27	Biological	Increase in yields (MC) Vegetables (3)	40	26	10	76
28	Biological	Increase in yields livestock - Fish (2)	38	28	13	79
29	Biological	Increase in yields (MC) Fruits (3)	38	30	14	82
30	Biological	Increase in yields livestock - Eggs (2)	37	32	14	83
31	Biological	Increase in yields livestock - Meat (2)	40	30	13	83
32	Social	Benefit sharing mechanism (1)	40	31	14	85
33	Social	Maintenance of CPR (1)	39	32	14	85
34	Social	Social Audit (1)	40	32	14	86

Section – 4: Detailed Farmers’ Study

This section of the report deals with the perceptions of sample farmers about the impact of watersheds. As already mentioned, about 2806 farmers were interviewed using random sampling method in 100 sample watersheds across 16 selected districts in Uttar Pradesh. An average of 29 farmers in each sample watershed was interviewed for this purpose. The total sample of farmers is divided into two categories based on the size of their land holding. Out of the total sample, 74% of the farmers belong to Small – Marginal (SMF) category with less than five acres of land and remaining 26% belong to Large – Medium (LMF) category with more than five acres of land.

Direct interview method was used to capture the farmers’ perception based on pre-designed checklist. The entire checklist has 10 main components with subcomponents under each main component. The response of the farmer is captured in a four point scale (almost) for each sub component under the main component. The main components and corresponding total scores are given below.

1. Soil Conservation Works (14)
2. Water Harvesting Structures (8)
3. Employment (6)
4. Maintenance of CPR (20)
5. Diversification of Agriculture (21)
6. Style of living (2)
7. Education of children (5)
8. Health and Nutritional Care (5)
9. Additional Expenditure Care (5)
10. Major Investment (17)
 - a. Productive Assets (9)
 - b. Non Productive Assets (5)
 - c. Social Assets (3)

The perceptions of farmers on the impact of watershed projects against the above indicators are presented in sub sequent sections of the report. However, in several cases, farmers did not give any scores to some of the above indicators, as they did not see any perceptible changes/ impacts of watershed projects. The analysis of such indicators is separately conducted at the end of this chapter (Analysis of “0” scores).

Soil Conservation Works

Soil conservation works are the major component in watershed program. The concept of watershed started with soil conservation works. There are several measures/ activities to be taken up for soil conservation as part of watershed program. The impact of these measures are controlling soil erosion, improving soil fertility. Another objective of watershed program is improving the productivity crops in the watershed village. During the interview with farmers, the perceptions of the farmers on the following themes/ sub-indicators were also obtained and scores are given to each of sub-indicator as per the perception of the farmers. Total score for this indicator is 14 points.

- Reduction in soil erosion (%)
- Enhanced yields crops (%) - Cereals
- Enhanced yields crops (%) - Pulses
- Enhanced yields crops (%) - Oil seeds
- Enhanced yields crops (%) - Cash Crops
- Increase in cropping intensity in rain fed areas (%)

In the analysis, the perception of farmers (small & marginal farmers – SMF AND large & medium farmers - LMF) is separated out.

Soil Erosion:

It is observed that reduction in soil erosion is largely commonly accepted impact by both SMF and LMF category of farmers. Though, a small number of projects (3 Nos in DPAP GO and 2 Nos in IWDP GO), LMF category farmers did not see any benefits/ impacts of soil conservation in their fields. In remaining watersheds, both LMF and SMF category farmers found that watershed works could control soil erosion in their lands. All categories of farmers gave scores that ranged from 1.4 to 1.7 (out of total 3 points) for this indicator. The large number of projects got 2 points for this indicator.

Enhanced Yields of Cereals:

It is observed that enhanced yields in cereals are also largely commonly accepted impact by both SMF and LMF category of farmers. Though, a small number of projects (3 Nos in DPAP GO and 2 Nos in IWDP GO), LMF category farmers did not see any improvements in yields of cereals. In remaining watersheds, both LMF and SMF category farmers found that watershed works could have a positive impact on the yields of cereals. All categories of farmers gave scores that ranged from 1.6 to 1.9 (out of total 3 points) for this indicator. The large number of projects got 2 points for this indicator, which is the most commonly occurring value.

Enhanced Yields of Pulses:

Though it is observed that enhanced yields in pulses are also largely commonly accepted impact by both SMF and LMF category of farmers, LMF farmers in 19 IWDP GO projects mentioned that there is no impact on yields of pulses in their watershed. Both categories of farmers in limited number of IWDP/ DPAP projects (ranging from 4 to 6 projects under each category) mentioned that they did not see any change in the yields of pulses. In remaining watersheds, both LMF and SMF category farmers found that watershed works could have a positive impact on the yields of pulses. All categories of farmers gave scores that ranged from 1.6 to 1.9 (out of total 3 points) for this indicator.

Enhanced Yields of Oil Seeds:

The impact on yields of oil seeds is a mixed bag of expressions by the farmers. In 40 projects (20 DPAP GO and 20 IWDP GO), LMF category farmers mentioned that they did not see any impact of watershed projects on yields of oil seeds. In 13 DPAP GO projects, SMF category farmers also mentioned that they did not see any change in the yields of oil seeds crop. This indicator also got relatively low average scores that ranged from 0.2 to 0.6 (out of total score of 2 points for this indicator).

Enhanced Yields of Commercial Crops (Cotton):

The perceptions of both categories of farmers in DPAP GO category projects are same. LMF category farmers in about 38 DPAP GO projects; SMF category farmers in about 29 DPAP GO projects clearly indicate that there is no impact of watershed projects on commercial crops such as cotton. Both categories of farmers in about 50% of projects under NGOs also clearly stated that they did not see any impact of watershed projects on the yields of cotton. In remaining watersheds, both categories of farmers indicated that there is an impact of watershed projects on cotton yields. However, the average score given by farmers is very low, which ranged from 0.1 to 0.3.

Increase in the Cropping Intensity of Crops:

The perceptions of both categories of farmers in DPAP GO category projects are same. LMF category farmers in about 27 DPAP GO projects; SMF category farmers in about 19 DPAP GO projects clearly indicate that there is no impact of watershed projects on cropping intensity. LMF category farmers in 21 IWDP GO projects also did not see any impact of watershed projects on the cropping intensity. In remaining watersheds, both categories of farmers indicated that there is an impact of watershed

projects on cropping intensity in their watershed areas. However, the average score given by farmers is very low, which ranged from 0.2 to 0.6, for this indicator.

The total picture of Soil Conservation and increased cropping intensity/yields is represented by average scores given by different categories of farmers. The average scores ranged from 9.8 to 10.8, out of a total score of 14 points. There is little variation across the projects and categories of farmers on this indicator. This score is about 30% of the total score that is allocated for this indicator. The FGDs also indicated that the average score is about 35% of the total score allocated to this particular indicator. Based on this, one could conclude that there is a reasonable consistency in the perceptions on impacts on this set of indicators at group level as well as at individual level.

Table 19 Statistical analysis of soil conservation works

Composite Category	Statistical Analysis	Total SC Works
DPAP - GO - LMF	Mean - 1(Excluding '0')	5.4
DPAP - GO - LMF	Mode	6
DPAP - GO - LMF	Minimum	-1
DPAP - GO - LMF	Maximum	11.5
DPAP - GO - SMF	Mean - 1(Excluding '0')	4.9
DPAP - GO - SMF	Mode	4
DPAP - GO - SMF	Minimum	-1
DPAP - GO - SMF	Maximum	11
IWDP - GO - LMF	Mean - 1(Excluding '0')	5.2
IWDP - GO - LMF	Mode	5
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	13
IWDP - GO - SMF	Mean - 1(Excluding '0')	4.7
IWDP - GO - SMF	Mode	4
IWDP - GO - SMF	Minimum	-1
IWDP - GO - SMF	Maximum	12
IWDP - NGO - LMF	Mean - 1(Excluding '0')	4.7
IWDP - NGO - LMF	Mode	5
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	11
IWDP - NGO - SMF	Mean - 1(Excluding '0')	4.5
IWDP - NGO - SMF	Mode	5
IWDP - NGO - SMF	Minimum	-1
IWDP - NGO - SMF	Maximum	11

Water Harvesting Structures

Another important component of watershed program is water conservation. The principle behind watershed program is “stop the running water and conserve the stopped water”. There are several structures/ activities which can be taken up for water conservation under watershed program. The performance of watersheds in the matters of water harvesting structures is assessed based on four parameters as follows...

- Runoff reduction
- Assured drinking water supply

- Increase in irrigated area
- Status of water harvesting structures

Runoff Reduction

The perceptions of all categories of farmers reveal that runoff reduction is the common impact that observed in all watersheds. This sub component receives the average score ranging from 1.6 to 1.7 out of total two. This average for large farmers in all watersheds is 1.7, whereas small farmers scored 1.6 in DPAP watersheds and in IWDP watersheds they scored 1.7. The most common score obtained by all watersheds is 1.5, but this common score of small farmers in IWDP – GO watersheds is 2.00.

Assured drinking water supply

Assured drinking water supply is an indicator for improvement in ground water level in watershed villages. Among the total sample farmers, small farmers perceived better impact in drinking water supply than the large farmers. Accordingly the average score of small farmers for this sub component is ranging from 1.7 to 1.8 for a total of two, whereas this average score of large farmers is ranging from 1.7 to 1.8 for the same total. The most common score obtained by majority of watersheds is 2.00 for a total of three.

Increase in irrigated area

Increase in irrigated area is the most common impact that can be perceived in most of the watersheds. The scores of sample farmers given for this component tells that irrigated area has been increased in almost all sample watersheds, however, there is a difference in the scoring between large and small farmers. According to the large farmers, the average score is ranging from 1.4 to 1.6 for a total of two, this range is 1.6 to 1.7 for small farmer for the same total. The most common scored obtained by majority of watersheds is 0.00; this is same for large and small farmers as well.

Status of water harvesting structures

Water harvesting structures are very important in physical works under watershed program. There are several works that can be taken up to conserve water. However, status of water harvesting structure is one of the sub components considered to assess the water harvesting structures. This component receives almost 75% of the score as an average out of a total two. The average score of this component is ranging from 1.5 to 1.7 for all sample farmers. Majority of sample watersheds across all categories recorded 2.00 as most common score for this component.

At aggregate level the performance of watersheds is good in the matter of 'water harvesting structures'. This is evident with the scores given by different categories of farmers. The average score of all watersheds for this component is ranging from 6.4 to 6.9 for a total of 8.00. Across the categories of farmers there is a difference in scores, for large farmers this average scores is ranging from 6.4 to 6.7 and this score is ranging from 6.6 to 6.9 for small farmers. The large no. of DPAP watersheds scored 5.00 as per the large farmers and it is 6.00 for small farmers. In IWDP program large no. of watersheds scored 4.00 in NGO implemented watersheds and 5.5 in GO implemented watersheds as per the large farmers. According to the small farmers in IWDP program large no. of watersheds scored 6.00.

Table 20 S statistical analysis of Water harvesting structures

Composite Category	Statistical Analysis	Total WHS
DPAP - GO - LMF	Mean - 1(Excluding '0')	4
DPAP - GO - LMF	Mode	5
DPAP - GO - LMF	Minimum	-2
DPAP - GO - LMF	Maximum	8

DPAP - GO - SMF	Mean - 1(Excluding '0')	4
DPAP - GO - SMF	Mode	6
DPAP - GO - SMF	Minimum	-2
DPAP - GO - SMF	Maximum	8
IWDP - GO - LMF	Mean - 1(Excluding '0')	4.3
IWDP - GO - LMF	Mode	5.5
IWDP - GO - LMF	Minimum	-2
IWDP - GO - LMF	Maximum	8
IWDP - GO - SMF	Mean - 1(Excluding '0')	4.3
IWDP - GO - SMF	Mode	6
IWDP - GO - SMF	Minimum	-1
IWDP - GO - SMF	Maximum	8
IWDP - NGO - LMF	Mean - 1(Excluding '0')	4.2
IWDP - NGO - LMF	Mode	4
IWDP - NGO - LMF	Minimum	-0.5
IWDP - NGO - LMF	Maximum	6.5
IWDP - NGO - SMF	Mean - 1(Excluding '0')	4.6
IWDP - NGO - SMF	Mode	6
IWDP - NGO - SMF	Minimum	-2
IWDP - NGO - SMF	Maximum	8

Additional Employment as Wage days

Employment generation is one of the parameters to assess the livelihood promotion in watershed. According to the guidelines, most of the earthen work under watershed program to be executed by manual labor. This will help to generate additional labor days for labor dependant families. Hence, the investment made under watershed program for creating irrigation facilities, soil fertility improvement, runoff reduction should create employment for the community after the completion of the program also. In this study an effort was made to assess the improvement of employment days separately for men and women in agriculture, non agriculture activities.

- Men - Agriculture
- Men - Non Agriculture
- Men - Self
- Women - Agriculture
- Women - Non Agriculture
- Women - Self

Agriculture – Men and Women

The employment days for men in agriculture is increased in all watersheds. This has perceived by all categories of famers. Accordingly they gave almost 75% score for a total of two. This average score is ranging from 1.5 – 1.6, however, 1.5 is recorded only in DPAP watersheds by large farmers. The majority of watersheds across all categories scored 2.00. But majority of watersheds in NGO implemented IWDP watersheds scored 0.00 as per the large farmers.

Women also got additional employment days in agriculture in all watersheds. Accordingly they gave a score of 70% to 80% in all watersheds. Large farmers in GO implemented DPAP watersheds and small farmers in GO implemented IWDP watersheds scored 0.7 for a total of one. In remaining watersheds they scored 0.8 for the same total.

Non Agriculture – Men and Women

The additional employment days for men and women in non agriculture is increased in all watersheds. There is a difference in scores between men and women. The average score for men in non agriculture is ranging from 0.8 to 0.9 for a total of one; the range of average scores for women is 0.7 to 0.8 for the same total. When it comes to most common score obtained by majority of watersheds for this component is 0.00 for men and women. Only in GO implemented DPAP watersheds small farmers recorded 1.00 as a common score.

Self – Men and Women

The most of the activities taken up in the sample watersheds are belong to agriculture and non agriculture. However, the employment days in self employment is also increased in all sample watersheds for men and women. When it comes to men the average scores recorded in a range of 0.8 to 0.9 for a total of one. For women this average score is in a range of 0.00 to 1.00. This reflects that the employment days in self employment is increased more for men. However, as per the small farmers in NGO implemented IWDP watersheds it was recorded 100% score for women and as per the large farmers in the same category of watersheds the average score is recorded as 0.00. Majority of watersheds in self employment is recorded 0.00, this is same for men and women.

At aggregate level the performance of watersheds in employment generation seems to be very good with the scores recorded. Out of seven, the average scores recorded are in a range of 4.9 to 5.9. The lowest (4.9) and highest (5.9) scores were recorded in NGO implemented IWDP watersheds by large farmers and small farmers respectively. The most common score at aggregate level is ranging from 0.00 to 3.00 for a total of seven.

Table 21 Statistical analysis of Additional employment days

Composite Category	Statistical Analysis	Total Employment
DPAP - GO - LMF	Mean - 1(Excluding '0')	2.6
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	5.5
DPAP - GO - SMF	Mean - 1(Excluding '0')	2.8
DPAP - GO - SMF	Mode	3
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	6
IWDP - GO - LMF	Mean - 1(Excluding '0')	2.2
IWDP - GO - LMF	Mode	2
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	5
IWDP - GO - SMF	Mean - 1(Excluding '0')	2.3
IWDP - GO - SMF	Mode	2
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	2.2

IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	5
IWDP - NGO - SMF	Mean - 1(Excluding '0')	2.3
IWDP - NGO - SMF	Mode	2
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	6

Maintenance of CPR

Common Lands

Watershed programs particularly focuses at developing the common property resources existing in the village, on which entire community members have equal rights. Basically there are two types of rights which can be given to community over the CPRs. One is usufruct rights where the users can only use the CPR for their benefit, secondly management rights where users in addition to using the CPRs for their benefit but also they can develop the CPRs according to their need. However, ownership rights over the CPRs will be with Gram Panchayat/ Government.

Wastelands, pastures and forests are broadly considers as CPRs. Developing CPRs under watershed program will contribute to promote livestock and other non farm activities. As part of the study the accessibility of CPRs in terms of fodder, fuel, manure and maintenance of CPRs is assessed in the perception of the community.

In this study the accessibility to CPRs is assessed based on the three following sub components...

- Community Lands - Fodder
- Community Lands - Fuel
- Community Lands - Manure

Community Lands - Fodder

All categories of sample farmers perceived that fodder is available from CPRs in all sample watersheds, except in NGO implemented IWDP watershed which is evident with the score given by sample farmers. The average score of sample farmers for fodder is in a range of 1.0 to 1.1 for a total of two. The lowest score (0.00) was recorded in NGO implemented IWDP watersheds by large farmers and the highest score (1.1) is recorded in GO implemented DPAP watersheds also by large farmers. Majority of watersheds scored 0.00 for this component.

Community Lands – Fuel

Fuel availability from CPRs is more when compare to fodder availability in sample watersheds. Across the program, DPAP watersheds were better scored than the IWDP watersheds both by small and large farmers. The average score is ranging from 1.00 to 1.10 for a total of two. However, the highest (1.1) was recorded in DPAP watersheds. Majority of watersheds scored 0.00 for this component.

Community Lands – Manure

The farmers across categories perceived that good amount of manure is available from CPRs in all sample watersheds. The score given by all categories farmers is ranging from 1.0 to 1.1 for this component. The highest score (1.1) was recorded in DPAP watersheds, in remaining all watersheds it is recorded as 1.0. Majority of watersheds scored 0.00 for this component.

The accessibility to CPRs is almost same to small and large farmers in all sample watersheds. At aggregate level small farmer scored 50% for a total of six in all watersheds, large farmers also scored 50% in all watersheds except in NGO implemented IWDP watersheds where it was scored 33% for the same total. The majority watersheds at aggregate level also scored 0.00.

Table 22 Statistical analysis of Community Lands

Composite Category	Statistical Analysis	Total Community Lands
DPAP - GO - LMF	Mean - 1(Excluding '0')	2
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	4
DPAP - GO - SMF	Mean - 1(Excluding '0')	2
DPAP - GO - SMF	Mode	0
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	4
IWDP - GO - LMF	Mean - 1(Excluding '0')	1.6
IWDP - GO - LMF	Mode	0
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	3
IWDP - GO - SMF	Mean - 1(Excluding '0')	1.3
IWDP - GO - SMF	Mode	0
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	3
IWDP - NGO - LMF	Mean - 1(Excluding '0')	2
IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	2
IWDP - NGO - SMF	Mean - 1(Excluding '0')	1.8
IWDP - NGO - SMF	Mode	0
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	3

Water Bodies – Increase in fish catch

The fish catch is increased in only nine sample watersheds covering four districts, out of which two watersheds are funded by DPAP and remaining are funded by IWDP. It can be understood from the situation that fishery activity is not given enough priority in livelihood promotion.

Among the total sample farmers, large farmers reaped larger benefits under this component. Accordingly they scored 2.00 in NGO implemented IWDP watersheds and 1.00 in GO implemented DPAP watersheds. Whereas small farmers scored 1.5 in GO implemented IWDP watersheds and 1.00 in DPAP watersheds. The majority of watersheds recorded 0.00 as common scored.

Table 23 Statistical analysis of water bodies

Composite Category	Statistical Analysis	Total Fish
DPAP - GO - LMF	Mean - 1(Excluding '0')	1
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	1
DPAP - GO - SMF	Mean - 1(Excluding '0')	1
DPAP - GO - SMF	Mode	0
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	1
IWDP - GO - LMF	Mean - 1(Excluding '0')	0
IWDP - GO - LMF	Mode	0
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	0
IWDP - GO - SMF	Mean - 1(Excluding '0')	1.5
IWDP - GO - SMF	Mode	0
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	2
IWDP - NGO - LMF	Mean - 1(Excluding '0')	2
IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	2
IWDP - NGO - SMF	Mean - 1(Excluding '0')	0
IWDP - NGO - SMF	Mode	0
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	0

Maintenance of Common Property Resources

There are six sub components considered under this main sub component where each sub component was assigned two points to a total of 12 at aggregate level.

- Participation of women
- Social fencing of community lands
- Staggered grazing
- Improvement in vegetation
- Periodical desilting

- Maintenance of retention well

Participation of women

Women participation in maintaining CPRs needs to be further improved in all sample watersheds. However, irrespective of programs, PIAs and sample farmers all watersheds recorded 1.00 out of the two for this component. However, majority watersheds in all categories recorded 0.00 score.

Social fencing of community lands

Social fencing of community lands is considered very important aspect in CPR maintenance. This component receives the average score in a range from 1.6 to 2.00. However, the highest score (2.0) is recorded in GO implemented IWDP watershed by large farmers, the lowest score (1.6) is recorded in DPAP watersheds. The majority of watersheds recorded 0.00 as common score.

Staggered Grazing

Staggered grazing is one of the norms can be evolve in maintaining CRPs. In the sample watersheds staggered grazing is practicing. The average score given by sample farmers is in a range of 0.00 to 2.00 for a total of two. However, 0.00 is recorded only in NGO implemented IWDP watersheds by the large farmers. The highest (2.00) is recorded in GO implemented IWDP watersheds also by large farmers. The majority of watersheds scored 0.00 for this component.

Improvement in vegetation

Improvement in vegetation is one of the sub component considered to assess the maintenance of CPRs. The vegetation cover is improved in most of the sample watersheds. However, the average score obtained by watersheds is in a range of 0.00 to 2.00. The lowest score (0.00) is recorded in GO implemented IWDP watersheds by large farmers and the highest scores (2.00) is recorded in GO implemented IWDP watersheds by small farmers. The most common score obtained by majority of watersheds is 0.00.

Periodical desilting

Periodical desilting of water harvesting structures is one of the important steps in maintaining CPRs. However, in all sample watersheds periodical desilting is existed as a practice. The average score given by sample farmers is in a range of 1.6 to 1.9 for a total of 2.00. The lowest score (1.6) was recorded in GO implemented IWDP watersheds by small farmers and the highest score (1.9) was recorded in NGO implemented IWDP watersheds by large farmers. The majority watersheds scored 0.00 for this component.

Maintenance of retention well

Maintenance of retention well is observed in all categories of watersheds. The average score given by sample farmers is in a range of 1.4 to 2.00 for a total of 2.00. The highest (2.00) was recorded in GO implemented IWDP watersheds by large farmers and the lowest (1.4) was recorded in GO implemented DPAP watersheds by small farmers. Majority of watersheds scored 0.00 for this component.

The total picture of CPRs maintenance is concerned, the average score at aggregate level is in a range of 6.4 to 9.8 for a total of 12. However, the lowest (6.4) was recorded in NGO implemented IWDP watersheds by large farmers, the highest score (9.8) was recorded in GO implemented IWDP watersheds by small farmers. The majority of watersheds scored 0.00 at aggregate level.

Table 24 Statistical analysis of Maintenance of CPRs

Composite Category	Statistical Analysis	Total Maintenance of CPRs
DPAP - GO - LMF	Mean - 1(Excluding '0')	1.9
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	5
DPAP - GO - SMF	Mean - 1(Excluding '0')	1.8
DPAP - GO - SMF	Mode	0
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	4
IWDP - GO - LMF	Mean - 1(Excluding '0')	2.2
IWDP - GO - LMF	Mode	0
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	6
IWDP - GO - SMF	Mean - 1(Excluding '0')	2.1
IWDP - GO - SMF	Mode	0
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	8
IWDP - NGO - LMF	Mean - 1(Excluding '0')	1.9
IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	4
IWDP - NGO - SMF	Mean - 1(Excluding '0')	1.9
IWDP - NGO - SMF	Mode	0
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	6

Diversification of Agriculture

Horticulture

Agriculture is the first among the major livelihood activities in rural India. Accordingly watershed programs are designed in a way to promote agriculture by taking up necessary interventions to improve soil fertility, creating irrigation facilities by investing huge amounts. When it comes to horticulture fruits, vegetables and green leafy vegetables are the major components considered here to assess the performance of sample watersheds in increase of area under horticulture. However, horticulture is not promoted in all sample villages.

- Fruits
- Vegetables
- Green leafy vegetables

Fruits

The area under fruits is increased in the villages where it was promoted. The average score is in a range of 0.5 – 1.00 for a total of one. However, the lowest (0.5) was recorded in GO implemented IWDP watersheds by large farmers and the highest (1.0) was recorded in NGO implemented IWDP watersheds also by large farmers. The majority of watersheds scored 0.00 for this component.

Vegetables

Vegetables are the major component in Horticulture in the sample watersheds, the area under vegetables also increased in most of the sample watersheds. The average score given by the sample farmers for this component is in a range of 0.6 to 1.0. The both lowest (0.6) and the highest (1.0) were recorded in NGO implemented IWDP watersheds. The majority of watersheds scored 0.00 for this component.

Green leafy vegetables

The green leafy vegetables cultivation is increased in most of the watersheds. The average score given by sample farmers is also establish the same. The average score is in a range of 0.0 to 1.00 for a total of one. However, the lowest was recorded in DPAP watersheds by large farmers and the highest was recorded by NGO implemented IWDP watersheds also by large farmers. For this component also majority of watersheds scored 0.00.

The total picture of Horticulture is concerned the results are considered to be good. The average score is in a range of 47% to 100% for a total of three at aggregate level. The lowest (47%) percentage was recorded in GO implemented DPAP watersheds and the highest was recorded in NGO implemented IWDP watersheds.

Table 25 Statistical analysis of Horticulture

Composite Category	Statistical Analysis	Total Horticulture
DPAP - GO - LMF	Mean - 1(Excluding '0')	0.9
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	1
DPAP - GO - SMF	Mean - 1(Excluding '0')	0.8
DPAP - GO - SMF	Mode	0

DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	1.5
IWDP - GO - LMF	Mean - 1(Excluding '0')	1
IWDP - GO - LMF	Mode	0
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	2
IWDP - GO - SMF	Mean - 1(Excluding '0')	0.8
IWDP - GO - SMF	Mode	0
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	2
IWDP - NGO - LMF	Mean - 1(Excluding '0')	1.7
IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	2
IWDP - NGO - SMF	Mean - 1(Excluding '0')	0.8
IWDP - NGO - SMF	Mode	0
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	2

Commercial Crops and Multipurpose trees

Emergence of commercial crops is one of the important changes that can be observed during or post watershed phase in majority of the watersheds. With the assured irrigation facilities large farmers generally goes for commercial crops. However, watershed program need to motivate farmers not to go for commercial crops by neglecting the food crops.

Here the performance of watersheds is assessed in extent of area under commercial crops and multipurpose trees.

- Commercial Crops
- Multipurpose Trees

Commercial crops

The increase of area under commercial crops was observed in all categories of sample watersheds; however, the percentage of increase is varies. For this component scoring was given in a way that high score for less area increased watersheds and low score for high area increased watersheds. The average score for this component is in a range of 0.6 – 0.8 for a total of one. The area under commercial crops was increased highly in GO implemented DPAP watersheds and it was very less in IWDP watersheds. Majority watersheds scored 0.00 for this component.

Multipurpose Trees

Multipurpose trees cover existed in all categories of watersheds. However, the watersheds which have more multipurpose trees cover got high score. For this component the average score is in a

range of 0.6 to 1.0 for a total of one. The lowest multipurpose trees cover was observed in NGO implemented IWDP watersheds and the highest multipurpose trees cover was also observed in NGO implemented IWDP watersheds. Majority of watersheds scored 0.00 for this component

The situation at aggregate level is observed the average score of all categories of watersheds is in range of 1.4 to 1.8 for a total of two. Majority of watersheds scored 0.00 at aggregate level.

Table 26 Statistical analysis of commercial crops and multipurpose trees

Composite Category	Statistical Analysis	Total Commercial crops and Multipurpose Trees
DPAP - GO - LMF	Mean - 1(Excluding '0')	0.8
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	1
DPAP - GO - SMF	Mean - 1(Excluding '0')	0.7
DPAP - GO - SMF	Mode	0
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	2
IWDP - GO - LMF	Mean - 1(Excluding '0')	0.9
IWDP - GO - LMF	Mode	0
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	2
IWDP - GO - SMF	Mean - 1(Excluding '0')	0.8
IWDP - GO - SMF	Mode	0
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	2
IWDP - NGO - LMF	Mean - 1(Excluding '0')	0.8
IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	1
IWDP - NGO - SMF	Mean - 1(Excluding '0')	0.7
IWDP - NGO - SMF	Mode	0
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	1

Micro Enterprises

As mentioned earlier in the report that livelihood promotion is one of the important objectives of watershed development program. Adequate emphasis need to be given for livelihood promotion during the implementation of the program. However, this component was almost neglected in all sample watersheds. Accordingly among the Sericulture, Aplary, Mushroom, Charcoal Making, Vermi composting, none of these activities started as full time activity.

Among the above activities 'other' micro enterprises were started in five watersheds covering Agra, Ambedkar nagar, Balrampur and Varansi. Next to this sericulture was started in four watersheds covering four districts (one watershed each in Bahraich, Hamirpur, Pratapgarh and Jalaun). When it comes to mushroom (Bahraich, Lalitpur and Lucknow), vermi composting (Agra Lucknow and Sitapur) were started in three districts. Remaining Aplary (Agra) and charcoal making (Lucknow) were taken up each in one watershed.

- Sericulture
- Aplary
- Mushroom
- Charcoal making
- Vermi Composting
- Others (Specify)

Sericulture

Sericulture was observed in only few sample watersheds. The average score given by same farmers is 0.5, this is same for DPAP and IWDP watersheds. In DPAP both small and large farmers given same score and in IWDP only small farmer give this score. In remaining categories of watersheds this sericulture was not observed.

Aplary (Bee Keeping)

Aplary was observed only in IWDP watersheds. As per the small farmers in GO implemented IWDP watersheds this activity was started as a part time activity, accordingly they scored 0.5 for a total of one.

Mushroom

Mushroom was existed in GO implemented DPAP and IWDP watersheds. This is also started as part time activity, according this activity receives score 0.5.

Charcoal Making and Vermi Composting

Charcoal making and Vermi composting were observed in GO implemented IWDP watersheds as part time activities started by small farmers. Accordingly they gave 0.5 score for these two components.

Other

Other activities than above mentioned were observed in all categories of sample watersheds. However, all these activities started as part time activity by small farmers. Accordingly these activities receives 0.5 score.

At aggregate level the average score given by the farmers is in a range of 1.0 to 2.5 for a total of six. However, large farmers in IWDP watersheds didn't take up any of these activities.

Table 27 Statistical analysis of Micro enterprises

Composite Category	Statistical Analysis	Total Micro Enterprise
DPAP - GO - LMF	Mean - 1(Excluding '0')	0.5
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	0.5
DPAP - GO - SMF	Mean - 1(Excluding '0')	0.5
DPAP - GO - SMF	Mode	0
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	0.5
IWDP - GO - LMF	Mean - 1(Excluding '0')	0
IWDP - GO - LMF	Mode	0
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	0
IWDP - GO - SMF	Mean - 1(Excluding '0')	0.5
IWDP - GO - SMF	Mode	0
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	0.5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	0
IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	0
IWDP - NGO - SMF	Mean - 1(Excluding '0')	0.5
IWDP - NGO - SMF	Mode	0
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	0.5

Livestock Shifts

Livestock is the second major livelihood activity in rural India. Though the concentration of small ruminants is more in South Indian states, livestock is a major livelihood activity in Northern Indian states. As part of watersheds program a special focus is given to promote livestock activity.

As a theory, households start the livestock activity with goat as the reproduction rate is more in goats than in sheep. But it needs green fodder at larger extent and grazing goats is not so easy. Consequently those households shift from goat to sheep, as sheep doesn't need green fodder as

such. And also a person can rear a flock of sheep contain 100 animals easily. After the sheep, these households go for large ruminants.

Under watershed programs draft to milch animals and goat to sheep are expected shifts in livestock. As part of the study shifts from cattle to tractor, draft to milch animal, sheep to goat is considered to know the status of shifts in livestock. The shift from sheep to goat is seen here as an indicator for improving the vegetation and sheep cover in watershed. In addition to shifts in livestock, new ventures such as Rabbitry, Piggery and Duckery are also considered to know the new ventures started in sample watersheds.

This main sub component comprises seven sub components where each one is assigned a score of one to a total of seven.

- Shifts: Cattle to Tractor
- Shifts: Draft to Milch Animals
- Shifts: Sheet to Goat
- Shifts: Existing to improved breed in HH poultry
- New Ventures: Rabbitry
- New Ventures: Piggery
- New Ventures: Duckery
- Total Livestock/ Animals

Cattle to Tractor

The shift from cattle to tractor is observed in all categories of watersheds with small and large farmers equally. All watersheds recorded 90% score for this component except in GO implemented DPAP watersheds by small farmers, where the average score obtained was 80% for a total of one for this component. Majority of watersheds scored 1.00 for this component.

Draft to Milch Animals

Milch animals replaced draft animals in all watersheds; the average score for this component is in a range of 0.7 to 0.9. The lowest (0.7) was observed in NGO implemented IWDP watersheds by large farmers. Majority of watersheds scored 1.00 for this component, except in NGO implemented IWDP watersheds by large farmers.

Sheep to Goat

In small ruminants sheep were replaced by goat in all sample watersheds. However, in GO implemented IWDP watersheds sheep was completely replaced by goat. The average scores obtained for this component is in a range of 0.8 to 1.0. Majority of watersheds scored 0.00 for this component.

Existing to improved breeds in HH poultry

Poultry is not a major activity in sample watersheds. However, small and large farmers are having poultry in all watersheds except in NGO implemented IWDP watersheds where large farmers not taken up this activity. In GO implemented IWDP watersheds small farmers were taken up this poultry activity with improved breeds. In NGO implemented IWDP watersheds both existing and improved breeds were available. The average score for this component is in a range of 0.00 to 1.00 for a total of one. Majority of watersheds scored 0.00 for this component.

Rabbitry

Rabbitry is observed as full time activity in NGO implemented IWDP watershed by small farmers. In remaining watersheds this activity was started as part time activity. Majority of watersheds scored 0.00 for this component.

Piggery

Piggery was observed in all watersheds, however, in DPAP only small farmers taken up this activity and in IWDP watersheds all small and large farmers taken up this activity. Majority of watersheds scored 0.00 for this component.

Duckery

This activity was taken up as full time activity in NGO implemented IWDP watersheds by large farmers. It was not taken up by small farmers in NGO implemented IWDP watersheds and by large farmers in GO implemented IWDP watersheds.

The shifts in livestock are concerned, livestock shifts taken place for small farmers in GO implemented IWDP watersheds. The average score at aggregate is in a range of 3.7 to 5.3 for a total of seven. The lowest (3.7) was recorded for large farmers in GO implemented IWDP watersheds and highest (5.3) was recorded for small farmers in GO implemented IWDP watersheds. Majority of watersheds scored 0.00 for this component.

Table 28 Statistical analysis of livestock shifts

Composite Category	Statistical Analysis	Total Livestock/ Animals
DPAP - GO - LMF	Mean - 1(Excluding '0')	1.7
DPAP - GO - LMF	Mode	2
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	3
DPAP - GO - SMF	Mean - 1(Excluding '0')	1.5
DPAP - GO - SMF	Mode	2
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	3
IWDP - GO - LMF	Mean - 1(Excluding '0')	1.6
IWDP - GO - LMF	Mode	2
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	3
IWDP - GO - SMF	Mean - 1(Excluding '0')	1.6
IWDP - GO - SMF	Mode	2
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	3.5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	1.3
IWDP - NGO - LMF	Mode	1
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	2.5

IWDP - NGO - SMF	Mean - 1(Excluding '0')	1.5
IWDP - NGO - SMF	Mode	2
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	3

Feeds and fodder

Fodder is a very important input in livestock promotion. As part of the study the adequacy levels of fodder and technology adopted for chaff cutting and type of feeding practices are considered to assess the performance of sample watersheds. There are five sub components under this main sub component as mentioned below where each sub component was assigned one point except processing which is assigned two points to a total of six at aggregate level.

- Level adequacy
- Part of purchase
- Processing
- Stall feeding
- Grazing

Level of Adequacy

The fodder is available in the sample watersheds up to 50%, accordingly the average score of sample watersheds is ranging from 0.7 to 0.9 for a total of one. The lowest average score was recorded in NGO implemented IWDP watersheds by large farmers and the highest average score was recorded in GO implemented IWDP watersheds also by large farmers. Majority of watersheds scored 1.00 for this component, except in NGO implemented IWDP watersheds by large farmers where it is scored 0.5.

Part of purchase

Fodder is purchasing by all farmers in the sample watersheds. Though the percentage of fodder purchase is not same among farmers, it is more than 50% in their total need. The average score for this component is in a range from 0.6 – 0.7. The highest average score was recorded in GO implemented IWDP watersheds by large farmers and in remaining all watersheds it was 0.6. Majority of watersheds scored 0.00 for this component.

Processing

Processing the fodder is a common practice observed in all sample watersheds. However, majority of farmers are mechanically processing the fodder and few are manually processing the fodder. The average score for this component is ranging from 1.1 to 1.4. The highest (1.4) was observed in DPAP watersheds and in IWDP watersheds it is 1.1. Majority of watersheds scored 1.00 for this component.

Stall feeding and Grazing

Stall feeding and grazing both practices are existed in the sample watersheds. However, the type of feeding depends on season and type of livestock. The average score for stall feeding is in a range of 0.7 to 0.8. For grazing this average is 0.6 for all watersheds and for all categories of farmers. Majority of watersheds scored 1.00 for this component.

The average score of feeds and fodder at aggregate level is ranging from 3.8 to 4.2. The lowest was recorded in NGO implemented IWDP watersheds and the highest was recorded in GO implemented DPAP watersheds. Majority of watersheds scored 0.00 for this component.

Table 29 Statistical analysis of Feeds and fodder

Composite Category	Statistical Analysis	Total Feed and Fodder
DPAP - GO - LMF	Mean - 1(Excluding '0')	2.9
DPAP - GO - LMF	Mode	3
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	5
DPAP - GO - SMF	Mean - 1(Excluding '0')	2.9
DPAP - GO - SMF	Mode	3.5
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	5.5
IWDP - GO - LMF	Mean - 1(Excluding '0')	3
IWDP - GO - LMF	Mode	3.5
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	5.5
IWDP - GO - SMF	Mean - 1(Excluding '0')	3
IWDP - GO - SMF	Mode	3.5
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	5.5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	2.8
IWDP - NGO - LMF	Mode	2.5
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	4.5
IWDP - NGO - SMF	Mean - 1(Excluding '0')	2.9
IWDP - NGO - SMF	Mode	2.5
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	6

Style of Living

The ultimate goal of any developmental program is creating income sources or asset base at household level which can help in improving life style of the community. Under the watershed program also the target group consists of farmers, laborers, landless, women and other weaker section is expecting to have increased income and assets based to improve their living standards. Here the quality of life is assessed through health and nutritious food intake, housing condition, children's education.

The living standard of all categories of farmers is improved in all watersheds. However, all sample farmers perceived that their standard of living was improved slightly. The average score for this component is ranging from 1.1 to 1.2. Majority of watersheds scored 1.00 for this component.

Table 30 S statistical analysis of Life style

Composite Category	Statistical Analysis	Total Life Style
DPAP - GO - LMF	Mean - 1(Excluding '0')	1.1
DPAP - GO - LMF	Mode	1
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	2
DPAP - GO - SMF	Mean - 1(Excluding '0')	1.1
DPAP - GO - SMF	Mode	1
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	2
IWDP - GO - LMF	Mean - 1(Excluding '0')	1.2
IWDP - GO - LMF	Mode	1
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	2
IWDP - GO - SMF	Mean - 1(Excluding '0')	1.1
IWDP - GO - SMF	Mode	1
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	2
IWDP - NGO - LMF	Mean - 1(Excluding '0')	1.1
IWDP - NGO - LMF	Mode	1
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	2
IWDP - NGO - SMF	Mean - 1(Excluding '0')	1.1
IWDP - NGO - SMF	Mode	1
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	2

Education of Children

There are two sub components under this main component. One is whether the children are going to school, if yes what is the level of education. As above said the children education is considered as an indicator for improved standard of living.

All farmers in sample watersheds are sending their children to school without any gender related disparities. The average score for this component is in a range of 1.7 to 1.9. However, majority of watersheds scored 2.00 for this sub component.

When it comes to level of education children in sample watersheds are studying primary and secondary schooling. The average score for level of education is in a range of 1.7 to 2.00. Majority of watersheds scored 2.00 for this component.

At aggregate level out of total five marks, this entire spectrum received 70% and more in all watersheds. The lowest (3.5) was recorded in DPAP watersheds by small farmers and highest (3.8) was recorded in GO implemented IWDP watersheds by large farmers.

Table 31 Statistical analysis of Education of children

Composite Category	Statistical Analysis	Total Education
DPAP - GO - LMF	Mean - 1(Excluding '0')	3.5
DPAP - GO - LMF	Mode	4
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	5
DPAP - GO - SMF	Mean - 1(Excluding '0')	3.3
DPAP - GO - SMF	Mode	3
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	5
IWDP - GO - LMF	Mean - 1(Excluding '0')	3.7
IWDP - GO - LMF	Mode	4
IWDP - GO - LMF	Minimum	1
IWDP - GO - LMF	Maximum	5
IWDP - GO - SMF	Mean - 1(Excluding '0')	3.5
IWDP - GO - SMF	Mode	4
IWDP - GO - SMF	Minimum	1
IWDP - GO - SMF	Maximum	5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	3.7
IWDP - NGO - LMF	Mode	3

IWDP - NGO - LMF	Minimum	1
IWDP - NGO - LMF	Maximum	5
IWDP - NGO - SMF	Mean - 1(Excluding '0')	3.7
IWDP - NGO - SMF	Mode	3
IWDP - NGO - SMF	Minimum	2
IWDP - NGO - SMF	Maximum	5

Health and Nutritional Care

This component is considered in this study as a primary indicator for improvement in standard of living. The information from the sample watersheds regarding the health and nutrition is very encouraging.

Farmers in all categories of watersheds are taking care of their family members' health and nutritional. Accordingly all watersheds recorded 2.00 as an average score out of two. When it comes to nutritional care farmers in all watersheds recorded 3.00 in all watersheds.

At aggregate level all categories of watersheds recorded 5.00 out of five, except in GO implemented IWDP watersheds.

Table 32 Statistical analysis of health and nutritional care

Composite Category	Statistical Analysis	Total Health
DPAP - GO - LMF	Mean - 1(Excluding '0')	4.9
DPAP - GO - LMF	Mode	5
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	5
DPAP - GO - SMF	Mean - 1(Excluding '0')	4.8
DPAP - GO - SMF	Mode	5
DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	5
IWDP - GO - LMF	Mean - 1(Excluding '0')	4.9
IWDP - GO - LMF	Mode	5
IWDP - GO - LMF	Minimum	2
IWDP - GO - LMF	Maximum	5
IWDP - GO - SMF	Mean - 1(Excluding '0')	4.8
IWDP - GO - SMF	Mode	5

IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	4.9
IWDP - NGO - LMF	Mode	5
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	5
IWDP - NGO - SMF	Mean - 1(Excluding '0')	4.9
IWDP - NGO - SMF	Mode	5
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	5

Additional Expenditure

This component is considered in this study to know whether the expenditure at household level is increased in relation to the life style/standard of living (children's education, health and nutritional care of household members). This is also helpful in triangulating the above two questions with this question.

The average score obtained by sample watersheds is in a range from 2.7 to 3.0 for a total of five. However, the highest (3.0) and the lowest (2.7) were recorded in IWDP watersheds. Majority of watersheds scored 2.00 for this component.

Table 33 Statistical analysis of Increased expenditure

Composite Category	Statistical Analysis	Total Increased Expenditure
DPAP - GO - LMF	Mean - 1(Excluding '0')	2.8
DPAP - GO - LMF	Mode	2
DPAP - GO - LMF	Minimum	-2
DPAP - GO - LMF	Maximum	5
DPAP - GO - SMF	Mean - 1(Excluding '0')	2.9
DPAP - GO - SMF	Mode	2
DPAP - GO - SMF	Minimum	-2
DPAP - GO - SMF	Maximum	5
IWDP - GO - LMF	Mean - 1(Excluding '0')	3
IWDP - GO - LMF	Mode	2
IWDP - GO - LMF	Minimum	-2
IWDP - GO - LMF	Maximum	5

IWDP - GO - SMF	Mean - 1(Excluding '0')	2.7
IWDP - GO - SMF	Mode	2
IWDP - GO - SMF	Minimum	-2
IWDP - GO - SMF	Maximum	5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	2.8
IWDP - NGO - LMF	Mode	2
IWDP - NGO - LMF	Minimum	-2
IWDP - NGO - LMF	Maximum	5
IWDP - NGO - SMF	Mean - 1(Excluding '0')	3
IWDP - NGO - SMF	Mode	2
IWDP - NGO - SMF	Minimum	-2
IWDP - NGO - SMF	Maximum	5

Major Investments

This component is considered in this study to know the situation of post watershed phase in creation of asset base at household level. Moreover, it is helpful to know the investment pattern of the households in creation of assets. This main component consists of 18 sub components which are categorized into three, i.e., Productive Assets, Non Productive Assets and Social Assets.

Productive Assets

Under the productive assets there are nine sub components (Land, Irrigation, Farming Machinery, Tractor, Dairy, Small Ruminants, Birds, Increased use of external inputs and Bio-gas unit) which are assigned one point each to a total of nine at aggregate level.

Farmers in all watersheds have made investment and procured all nine assets considered in productive assets, except birds in GO implemented IWDP watersheds by small farmers and Bio gas unit in NGO implemented IWDP watersheds by large farmers. At aggregate level all watersheds scored 100% out of nine, except IWDP watersheds by large farmers.

Table 34 Statistical analysis of Productive assets

Composite Category	Statistical Analysis	Total Increase in Assets
DPAP - GO - LMF	Mean - 1(Excluding '0')	2
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	7
DPAP - GO - SMF	Mean - 1(Excluding '0')	1.4
DPAP - GO - SMF	Mode	0

DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	5
IWDP - GO - LMF	Mean - 1(Excluding '0')	1.7
IWDP - GO - LMF	Mode	0
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	5
IWDP - GO - SMF	Mean - 1(Excluding '0')	1.6
IWDP - GO - SMF	Mode	0
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	9
IWDP - NGO - LMF	Mean - 1(Excluding '0')	1.6
IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	4
IWDP - NGO - SMF	Mean - 1(Excluding '0')	1.5
IWDP - NGO - SMF	Mode	0
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	5

Non Productive Assets

Under the non productive assets there are six sub components (Farm house, residential house, Pickup van, car, motor bike, cycle). Among these assets, five assets except van were created with all categories of farmers in all watersheds.

At aggregate level all watersheds recorded 100% out of five, except NGO implemented IWDP watersheds where it scored 4.00 for the same total.

Table 35 Statistical analysis of Non productive Assets

Composite Category	Statistical Analysis	Total Physical Assets
DPAP - GO - LMF	Mean - 1(Excluding '0')	1.1
DPAP - GO - LMF	Mode	0.5
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	4
DPAP - GO - SMF	Mean - 1(Excluding '0')	0.9
DPAP - GO - SMF	Mode	0.5

DPAP - GO - SMF	Minimum	0
DPAP - GO - SMF	Maximum	3.5
IWDP - GO - LMF	Mean - 1(Excluding '0')	1.2
IWDP - GO - LMF	Mode	0.5
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	3
IWDP - GO - SMF	Mean - 1(Excluding '0')	1
IWDP - GO - SMF	Mode	0.5
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	0.9
IWDP - NGO - LMF	Mode	0.5
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	3
IWDP - NGO - SMF	Mean - 1(Excluding '0')	1
IWDP - NGO - SMF	Mode	0.5
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	3

Social Assets

Under this main sub component three sub components (Mobile, Ornaments, Television) are considered, where each one is assigned one point to a total of three at aggregate level. Farmers in all categories of watersheds scored 100% for all three sub components and at aggregate level as well.

Table 36 Statistical analysis of Social assets

Composite Category	Statistical Analysis	Total Gadgets
DPAP - GO - LMF	Mean - 1(Excluding '0')	1.5
DPAP - GO - LMF	Mode	0
DPAP - GO - LMF	Minimum	0
DPAP - GO - LMF	Maximum	2.5
DPAP - GO - SMF	Mean - 1(Excluding '0')	1.1
DPAP - GO - SMF	Mode	0
DPAP - GO - SMF	Minimum	0

DPAP - GO - SMF	Maximum	2.5
IWDP - GO - LMF	Mean - 1(Excluding '0')	1.7
IWDP - GO - LMF	Mode	0
IWDP - GO - LMF	Minimum	0
IWDP - GO - LMF	Maximum	2.5
IWDP - GO - SMF	Mean - 1(Excluding '0')	1.5
IWDP - GO - SMF	Mode	0
IWDP - GO - SMF	Minimum	0
IWDP - GO - SMF	Maximum	2.5
IWDP - NGO - LMF	Mean - 1(Excluding '0')	1.5
IWDP - NGO - LMF	Mode	0
IWDP - NGO - LMF	Minimum	0
IWDP - NGO - LMF	Maximum	2.5
IWDP - NGO - SMF	Mean - 1(Excluding '0')	1.6
IWDP - NGO - SMF	Mode	0
IWDP - NGO - SMF	Minimum	0
IWDP - NGO - SMF	Maximum	2.5

Section – 5: Findings and Recommendations

This study attempted to capture the impact of watershed development program in Uttar Pradesh. The purpose is to understand the impacts through a consultative process in a participatory way with the community in general and with the beneficial farmers in particular. The study analyzed the impact of watersheds and sustainability of benefits as perceived by the community and followed an interview method with the selected beneficial farmers in each sample watershed. The significant impacts were analyzed based on a considerable survey of the sample plots to observe the changes before and after the watershed program. In terms of facilitation process 100 sample watersheds were selected which are funded by different programs (DPAP, IWDP) and implemented by different PIAs (GO, NGO). The total watersheds are spread in sixteen districts, i.e., Agra, Ambedkar Nagar, Balrampur, Bahraich, Chandauli, Hamirpur, Jalaun, Jhansi, Lalitpur, Lakhimpur, Lucknow, Mahoba, Pratapgarh, Sitapur, Sobhadra and Varanasi. The scope of the study is to understand the impact of watersheds. Out of the total 100 sample watersheds, 50 watersheds were funded by DPAP and the same no. of watersheds are funded by IWDP.

Summary

There are two types of data collected for this study to understand the impact of watersheds, i.e., Rapid Reconnaissance Survey through focus group discussion and Detailed Farmers' Study through Direct interview with beneficial farmers. However, as per the community response there is a difference in performance of watersheds across projects.

At aggregate level (as per the Rapid Reconnaissance Survey) DPAP watersheds are better performed than IWDP watersheds. According to the detailed farmers' study IWDP watersheds are better performed than DPAP watersheds.

After the analysis (Rapid Reconnaissance Survey), it is very clear that at aggregate level the performance of DPAP watersheds is better than IWDP watersheds. If we see the component wise, DPAP watersheds are better performed in Physical factors, Economical factors and Social factors. The IWDP watersheds are performed well in Biological factors.

When it comes to across the sub components...

Out of nine sub components in Physical factors, DPAP watersheds are better scored in five, IWDP watersheds got better score in remaining four sub components. In Biological factors, IWDP watersheds are better in eight sub components, DPAP watersheds are better in four sub components. In economic factors, DPAP watersheds are better in five sub components and IWDP watersheds are better in one component. In social factors, each scheme is better in three of seven sub components and both performed equally at the remaining one.

In brief, out of 34 sub components considered in Rapid reconnaissance survey, IWDP watersheds are better performed in 16 sub components and DPAP watersheds are better performed in 17 sub components, whereas in one sub component all watersheds performed well.

When it comes to analysis as per the detailed farmers' study, IWDP watersheds are better performed in 37 sub components out of 73, whereas DPAP watersheds are better performed in 29 sub components. In remaining seven sub components all watersheds got same score.

Findings

1. Awareness generation programs such as kalajatha, Video shows, street plays, Ralleys and displaying posters were not organized in all sample watersheds.
2. Institutional building is very important phase in implementing watershed program. However, it was not given enough priority in watersheds. In most of the sample watersheds CBOs were not formed as part of the watershed program and no effort was made by PIAs to strengthen the existing CBOs hardly any. Watershed committee is the only institute which was formed in watershed villages. However, in many villages the committee was not formed in open meeting but was just selected by department officials and Gram Panchayat sarpanch.
3. Capacity building is the third major area where lot of efforts should go into. Out of the 2806 sample farmers studied across 100 watersheds in 16 districts none of these farmers have attended training program, they were even unable to recollect whether training programs were organized under watershed program.
4. Community participation is another area where all sample watersheds got neglected; as a result there was no role of women, labor and farmers at any stage of watershed program.
5. When it comes to physical works, watershed officials in majority district did not have clear understanding on type of works to be taken up under watershed program till the VII batch of watersheds. This is evident with the activities taken up in sample watershed villages.
6. All watersheds irrespective of DPAP or IWDP the focus was on works, as a result the process was given low level of importance. The records say that sufficient efforts were made and funds were spent for awareness generation, institutional building, capacity building and physical works in all watersheds, but people were not able to find any of these institution building or capacity building activities.
7. When it comes to transparency, it was given last bench seat in the field and in the records as well. Lot of efforts and time was invested by the study team to get the relevant documents/ records from the PIA. In spite of several efforts, it was found that in majority of the cases completed documents were not provided. Moreover the records were proposed documents but not the progress or completion reports. In watershed villages community didn't know what the watershed program was, fund releases, type of works implemented and the watershed committee.

One of the senior officials in soil conservation department, Balrampur district shared that Watershed works were taken up without knowing the concept of watershed till VII batch. Hence, major part of the funds was utilized to construct buildings, lay roads, etc, though it is not the priority of watershed, without following guidelines.

Recommendations

Watershed development program is a process oriented, institutional centric and an area based program, the methodology for implementing the program needs to be different. Sample watersheds in Uttar Pradesh are good at implementing physical works. There are several process related gaps identified based on which the following are the recommendations by the research team.

Selection of villages

Villages need to be identified for watershed program according to the criteria mentioned in the guidelines. One of the important aspects in the criteria is extent of irrigated area existed in the village. Based on the secondary data collected from the department, it is evident that out of 100 sample watersheds (data is available for only 91 watersheds) 51 watersheds have more than 67% and up to 100% irrigated area in its net sown area. In another 19 watersheds this percentage is 34% to 66%. Only 20 watersheds have less than 33% irrigated area.

Therefore, the selection criteria need to be strictly followed in identifying the villages for watershed program.

Project Implementation Agencies

As mentioned above watershed program is a process orientated, institutional centric and an area based program. Project implementation agencies (PIAs) need to deploy a dedicated team with multi disciplinary skills to implement watershed program. However, the PIAs in Uttar Pradesh have no dedicated team with necessary skills. The situation is no difference between GO PIAs and NGO PIAs. This reflects that selection process of PIAs in Uttar Pradesh.

Database management

The establishment of database management is very important for any developmental program. This can help to review and monitor the program implementation. This is a very big gap identified in sample watershed villages. The study team had really tough time to get the reliable information about the watershed program. Data is not available either district level or at village level. So, government need to take necessary steps in improving the database management systems for watershed program.

Awareness Generation

Under the awareness programs Kalajatha is one activity which should be taken up in all watersheds. Under the Kalajatha a team of 3-4 people trained on watershed concept and guidelines will visit and spends two three days in each watersheds village. The team conducts transact walk, small street meetings with women, labors and farmers separately. Apart from these activities, Ralleys with schools children, video shows and street plays can also be conducted. One thing PIAs should be remembered is awareness generation is not a onetime activity. According to the stage of watershed program these activities need to be conducted.

Institutional Building

The strong institutional base is an asset for any development program in the village. By believing this, PIAs should spend adequate time, efforts and funds in organizing the community into groups/ institutions. Important CBOs to be organized in watersheds village are Self help groups (SHGs), labor groups and user groups with the farmers. The institutional building will help PIA to implement the program effectively. User groups suppose to maintain the assets created under watershed program even in post project phase. Strong labor groups will play active role execution of watershed works. For promotion of livelihood promotion and creation of micro enterprises matured women groups are needed. In addition to institutional building, strengthening of existing CBOs is another task which PIAs should focus on.

Capacity Building

The preparation of capacity building plan for entire watershed community is very important output and execution of that plan is critical. Different people need different inputs; accordingly the capacity building plan should be prepared in a way to strengthen the existing activities of the community in the village.

Capacity building for PIAs/ department officials is also a major concern in Uttar Pradesh. This is also equal importance to build capacities of officials to capacity building of community. If the department officials and community are well equipped with the watershed concept and guidelines the watershed program will be implemented successfully.

Community Participation

Community participation will be more when the awareness generation programs and capacity building activities were organized properly. Well oriented people participate actively in the program Physical Works

As mentioned above the project officials also needed the orientation, awareness about the concept of watershed program and guidelines. This will help them to prepare action plan for physical works according to the guidelines. In preparing the action plan for physical work local needs of the community should be considered. However, the community needs entirely may not be accommodated in watershed program; this is where the understanding about the watershed guidelines helps both the community and officials in prioritizing the local needs in developing action plan for watershed program.

Transparency

Transparency is not a task; it is a goal all development programs need to achieve. There are certain measures need to take in order to maintain transparency, this will help in evolving mutual trust among the actors. In watershed program gram sabha (Village level meeting) need to be organized monthly or bi-monthly where entire community participate. In this gram sabha watershed officials need to inform how much fund received, invested and activities taken up under watershed program. In addition the details about watershed program to be displayed at common place in the village for public vigilance.

Part B: Data Tables

Table 37 Component wise average scores of each watershed for all categories of farmers (Detailed farmers' study)

Watershed	Farmer Category	SC Works (14)	WHS (8)	Employment (6)	Community lands (6)	Water Bodies (2)	Maintenance of CPRs(12)	Horticulture (3)	Commercial crops (1)	Multi Purpose trees (1)	Micro Enterprises (2)	Livestock Shifts (4)	Feeds and Fodder (6)	Style of living (2)	Education of children (5)	Health and Nutritional Care (5)	Additional Expenditure (5)	Productive Assets (9)	Non Productive Assets (6)	Social Assets (3)	Grand total
Adagodava	LMF	5.21	4.67	4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.93	3.38	1.00	3.00	4.83	3.43	1.00	1.00	2.00	47.63
Adagodava	SMF	8.70	5.96	3.93	0.00	0.00	4.00	0.00	0.00	0.00	0.50	1.92	4.27	1.04	3.05	4.89	3.38	3.00	1.50	1.50	35.54
Agapur	LMF	5.50	5.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.50	1.50	3.00	5.00	1.50	4.00	0.50	2.50	48.75
Agapur	SMF	8.40	5.59	4.28	0.00	0.00	2.00	0.00	0.50	0.00	0.50	2.13	4.00	1.00	2.88	5.00	2.48	5.00	2.50	2.50	34.50
Amouli	LMF	4.09	5.50	3.52	1.00	0.00	4.00	0.00	0.50	0.00	0.00	2.94	3.90	1.33	4.00	5.00	2.13	5.00	2.00	2.50	53.24
Amouli	SMF	5.93	5.43	4.17	2.00	0.00	4.78	1.00	0.00	0.00	0.00	2.67	4.08	1.17	3.66	5.00	1.86	6.00	3.00	2.50	47.41
Amroula	LMF	5.29	5.33	4.24	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.94	4.41	1.75	4.13	4.88	2.50	4.00	2.00	2.50	55.40
Amroula	SMF	9.28	6.04	5.76	1.00	0.00	0.00	0.00	1.00	0.00	0.50	2.91	4.28	1.21	4.21	5.00	2.70	7.00	2.00	2.50	43.96
Arbapur	LMF	11.19	6.74	3.38	0.00	0.00	6.00	0.00	1.00	0.00	0.00	2.69	3.83	1.00	3.73	4.95	3.50	3.00	2.00	2.50	56.72
Arbapur	SMF	9.84	6.97	3.97	0.00	0.00	7.00	1.00	0.00	0.50	0.00	2.62	4.18	1.00	4.00	5.00	3.64	3.00	1.50	2.50	55.51
Aurangabad	LMF	10.75	5.80	2.17	0.00	0.00	1.00	0.00	1.00	0.00	0.00	1.13	3.00	1.25	2.40	5.00	1.00	0.00	2.00	1.00	47.75
Aurangabad	SMF	9.39	6.26	3.38	0.00	0.00	3.00	0.00	0.75	0.00	0.00	2.75	4.18	1.00	3.18	4.89	1.46	4.00	2.00	1.50	37.49
Badagaon	LMF	6.75	5.33	2.00	2.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00	4.17	1.67	4.00	5.00	1.33	4.00	2.00	2.50	52.01
Badagaon	SMF	5.99	7.34	3.28	0.00	0.00	6.00	0.00	0.50	0.50	0.50	1.56	4.33	1.00	3.39	5.00	2.12	5.00	3.00	2.50	44.75
Bahera	LMF	5.83	3.75	3.63	0.00	0.00	1.00	0.50	0.00	0.00	0.00	1.50	4.17	1.00	3.50	5.00	2.75	1.00	1.00	0.00	46.11
Bahera	SMF	5.70	4.54	4.22	0.00	0.00	1.00	0.72	0.60	0.00	0.00	2.77	4.54	1.00	4.23	4.82	2.46	4.00	3.00	2.50	34.63
Balna	LMF	9.18	5.56	3.55	2.00	0.00	4.00	0.00	0.00	0.00	0.00	1.56	4.42	1.09	3.33	5.00	2.67	4.00	2.00	2.50	51.36
Balna	SMF	8.73	5.60	5.68	2.00	0.00	3.86	0.00	0.00	0.00	0.00	2.43	4.70	1.00	3.33	4.94	2.58	3.00	2.00	1.50	50.85
Barthrakala	LMF	4.08	6.83	2.67	2.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00	4.50	1.67	4.33	4.67	2.33	2.00	2.00	2.50	50.00
Barthrakala	SMF	5.17	6.81	4.80	2.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00	4.17	1.55	4.67	5.00	3.33	5.00	2.00	2.50	42.58
Basanthpur	LMF	2.00	6.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	3.50	0.00	5.00	5.00	3.00	1.00	1.50	1.00	29.00
Basanthpur	SMF	2.00	6.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	3.50	0.00	5.00	5.00	2.00	1.00	0.50	1.00	30.00
Beelpur	LMF	5.38	5.38	4.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.88	4.53	1.00	4.23	5.00	3.38	2.00	2.00	2.50	45.89
Beelpur	SMF	6.55	4.40	5.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89	3.82	1.00	4.11	5.00	3.26	6.00	2.00	2.50	41.74
Belokep	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.81
Belokep	SMF	10.71	5.77	4.02	3.00	0.00	5.00	0.00	0.00	0.00	0.00	1.63	4.30	1.17	3.79	4.74	3.17	6.00	2.00	2.50	-
Betwariver	LMF	7.58	4.97	3.70	4.00	1.00	3.00	0.00	0.00	0.00	0.00	1.83	4.17	1.20	3.00	4.83	3.17	2.00	2.00	0.50	43.58
Betwariver	SMF	9.25	4.33	3.94	3.60	1.00	1.00	0.00	0.00	0.00	0.00	1.83	2.82	1.00	3.10	4.80	2.90	2.00	1.50	0.50	46.94
Bhauria	LMF	6.70	4.79	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	4.57	1.09	3.46	5.00	2.55	5.00	2.00	2.50	48.05

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Watershed	Farmer Category	SC Works (14)	WHS (8)	Employment (6)	Community lands (6)	Water Bodies (2)	Maintenance of CPRs(12)	Horticulture (3)	Commercial crops (1)	Multi Purpose trees (1)	Micro Enterprises (2)	Livestock Shifts(4)	Feeds and Fodder (6)	Style of living(2)	Education of children (5)	Health and Nutritional Care (5)	Additional Expenditure (5)	Productive Assets (9)	Non Productive Assets (6)	Social Assets (3)	Grand total	
Bhaunia	SMF	7.30	5.14	5.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86	4.83	1.22	3.26	5.00	2.78	6.00	2.00	2.50	43.86	
Bhawrakala	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.30
Bhawrakala	SMF	8.11	6.46	4.27	0.00	0.00	7.58	2.00	1.00	0.75	0.00	1.88	4.52	1.08	3.85	5.00	3.31	4.00	3.00	2.50	-	
Birharu	LMF	8.00	3.50	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	3.39	1.00	4.22	4.52	2.33	2.00	3.00	2.00	49.78	
Birharu	SMF	9.82	4.63	2.98	0.00	0.00	2.00	0.00	0.00	0.00	0.50	1.50	3.57	1.00	3.58	4.93	2.28	7.00	4.00	2.00	37.02	
Chamartaliya	LMF	11.33	6.67	3.50	3.00	0.00	6.00	2.00	1.00	1.00	0.00	2.00	3.58	1.33	4.00	5.00	3.33	4.00	2.00	2.50	66.66	
Chamartaliya	SMF	10.29	6.30	4.93	3.00	0.00	8.30	2.00	0.81	0.00	0.00	1.98	3.63	1.04	3.67	5.00	3.19	6.00	4.00	2.50	62.25	
Chapartala	LMF	7.88	7.17	2.50	0.00	0.00	0.00	1.00	1.00	1.00	0.00	1.88	2.83	2.00	4.50	5.00	2.50	6.00	2.00	2.50	48.47	
Chapartala	SMF	8.62	5.65	3.91	1.00	0.00	1.00	0.00	1.00	1.00	0.00	2.90	4.41	1.00	3.00	4.90	2.59	4.00	2.00	1.50	49.75	
Chillbila	LMF	7.38	4.63	3.83	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.75	3.88	1.00	4.75	5.00	3.25	2.00	1.00	2.50	54.15	
Chillbila	SMF	9.69	7.18	3.37	3.00	0.00	4.00	0.00	0.00	0.00	0.00	2.58	3.79	1.12	3.38	5.00	3.05	4.00	1.50	2.50	42.96	
Chilli	LMF	8.81	5.96	5.37	1.00	0.00	4.00	0.00	0.50	0.00	0.50	1.82	3.66	1.10	3.91	4.88	2.27	6.00	3.00	2.50	44.28	
Chilli	SMF	9.84	6.22	3.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38	4.24	1.00	4.22	5.00	2.78	3.00	1.00	1.50	55.27	
Dariyapur	LMF	4.00	2.00	1.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	3.00	5.00	2.00	0.00	0.50	0.00	59.36	
Dariyapur	SMF	10.68	6.84	4.88	0.00	0.00	4.00	1.50	0.57	0.00	0.00	4.15	4.24	1.00	3.91	5.00	3.09	5.00	2.00	2.50	21.50	
Dawoodpur	LMF	9.38	6.72	4.57	1.00	0.00	2.00	0.00	0.00	0.00	0.00	1.50	2.92	1.00	4.00	5.00	4.17	2.00	3.00	2.50	58.23	
Dawoodpur	SMF	7.78	6.20	5.10	1.00	0.00	3.00	0.00	0.00	0.00	0.00	1.79	3.67	1.00	4.13	5.00	3.07	9.00	5.00	2.50	49.75	
Garai deeh	LMF	9.53	5.29	4.30	2.00	0.00	1.50	1.00	0.00	0.00	0.00	2.44	3.71	1.00	2.85	4.92	4.23	7.00	1.50	2.00	46.30	
Garai deeh	SMF	7.79	5.43	4.45	2.00	0.00	2.00	0.00	1.00	0.00	0.00	1.73	4.25	1.00	2.40	4.75	3.00	3.00	2.50	1.00	53.26	
Ghalla	LMF	5.25	7.00	3.75	0.00	0.00	7.00	0.00	1.00	0.00	0.00	2.88	4.67	1.00	3.00	5.00	2.50	1.00	0.50	2.00	59.15	
Ghalla	SMF	9.67	5.68	5.18	0.00	2.00	6.42	0.00	0.70	1.00	0.00	2.54	4.15	1.00	3.64	4.95	2.23	6.00	2.00	2.00	46.54	
Ghauri	LMF	9.54	6.48	4.54	3.00	0.00	2.00	0.00	0.00	0.00	0.00	1.84	4.25	1.00	3.87	5.00	2.35	6.00	2.00	2.50	49.51	
Ghauri	SMF	9.02	6.69	3.29	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.94	4.02	1.12	3.88	5.00	3.06	4.00	3.00	2.50	54.38	
Ghosajpur mohav	LMF	7.33	6.50	4.83	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.33	4.25	1.00	4.00	5.00	3.67	0.00	2.00	1.50	54.48	
Ghosajpur mohav	SMF	9.56	6.67	4.18	0.00	0.00	4.00	1.00	0.00	0.00	0.00	3.51	3.73	1.06	3.43	4.94	3.90	4.00	2.00	2.50	43.42	
Ghulariya ghajipur	LMF	4.17	4.50	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.00	1.33	3.50	5.00	4.33	3.00	2.00	2.50	40.62	
Ghulariya ghajipur	SMF	4.14	5.03	5.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.53	3.82	1.00	3.50	5.00	3.83	1.00	3.00	2.50	38.00	
Gorakatha	LMF	9.50	7.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.50	1.00	2.00	5.00	5.00	0.00	1.00	1.50	46.36	
Gorakatha	SMF	8.84	6.11	5.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83	4.32	1.00	3.48	5.00	3.14	3.00	2.00	2.50	39.50	
Gouribadanpur	LMF	5.15	4.75	3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.90	3.00	1.00	3.80	5.00	2.60	4.00	1.50	2.50	54.38	
Gouribadanpur	SMF	9.50	6.15	5.93	0.00	0.00	0.00	1.00	0.50	1.00	0.00	3.84	4.55	1.14	4.03	5.00	3.25	4.00	2.00	2.50	39.67	
Guskar	LMF	6.70	7.00	5.63	2.00	0.00	2.00	0.00	1.00	0.50	0.00	1.75	3.40	1.00	3.60	5.00	3.50	1.00	1.50	2.50	50.50	
Guskar	SMF	8.32	6.05	3.87	2.00	0.00	3.25	0.00	0.63	0.00	0.00	2.61	4.23	1.00	3.21	5.00	2.83	3.00	2.00	2.50	48.08	
Hati	LMF	9.86	6.71	4.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95	4.61	1.10	3.81	5.00	2.19	5.00	2.00	2.50	49.17	
Hati	SMF	9.94	6.97	4.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.95	4.21	1.07	3.74	5.00	2.42	3.00	3.00	2.50	49.81	

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Ichauli	LMF	7.28	5.48	3.60	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.70	3.42	1.14	4.00	5.00	3.00	6.00	3.00	2.50	55.43
Ichauli	SMF	9.12	5.39	4.55	0.00	0.00	2.75	1.50	0.50	0.50	0.00	3.62	3.88	1.04	4.00	5.00	3.07	4.00	4.00	2.50	48.12
Jaisari	LMF	9.50	3.50	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	0.00	2.00	3.00	4.50	2.50	1.00	0.00	0.00	52.73
Jaisari	SMF	10.52	6.46	5.30	1.00	0.00	1.00	0.00	0.75	1.00	0.00	2.75	3.93	1.18	3.67	4.76	1.91	4.00	2.00	2.50	32.25
Jariyari	LMF	9.35	4.70	3.50	0.00	0.00	5.00	0.00	0.00	1.00	0.00	2.00	4.50	1.25	4.40	4.80	2.80	1.00	1.00	2.50	52.78
Jariyari	SMF	10.21	5.27	3.83	1.00	0.00	3.67	0.00	0.00	0.00	0.50	2.94	4.21	1.17	3.88	5.00	2.59	4.00	2.00	2.50	47.80
Jihura	LMF	6.25	6.65	3.25	2.00	0.00	1.00	0.00	0.00	0.00	0.00	2.75	3.58	1.00	2.60	5.00	2.60	3.00	0.50	1.50	55.47
Jihura	SMF	10.00	7.24	4.86	2.00	0.00	4.08	0.00	1.00	0.50	0.00	2.53	4.10	1.03	3.13	4.68	1.82	4.00	2.00	2.50	41.68
Judavariya	LMF	6.76	6.65	4.04	0.00	0.00	3.25	1.00	0.00	0.00	0.00	3.50	3.94	1.10	3.23	4.90	1.68	6.00	3.00	1.50	40.94
Judavariya	SMF	6.18	6.43	2.26	0.00	0.00	3.00	0.00	0.00	0.50	0.00	2.33	4.05	1.00	2.77	4.92	2.00	2.00	2.00	1.50	50.56
Karitoran	LMF	7.87	5.23	5.77	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.27	4.65	1.09	2.89	5.00	2.91	7.00	2.00	1.50	54.56
Karitoran	SMF	8.02	5.00	5.24	3.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	4.33	1.17	3.50	5.00	3.30	7.00	2.50	1.50	51.18
Kewali	LMF	9.00	4.50	1.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	2.00	2.50	1.00	5.00	5.00	1.00	2.00	2.00	2.50	58.33
Kewali	SMF	10.88	7.06	4.76	2.00	0.00	1.00	1.75	0.69	0.50	1.00	1.94	3.72	1.03	3.79	5.00	3.71	5.00	2.00	2.50	38.00
Khabhal	LMF	7.21	3.30	2.12	0.00	0.00	4.00	0.00	0.00	0.00	0.00	2.46	4.26	1.18	4.00	5.00	3.22	1.00	3.00	1.50	30.00
Khabhal	SMF	0.00	3.25	2.50	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.25	3.50	1.00	4.00	5.00	5.00	1.00	0.50	1.00	42.25
Kharaideeh	LMF	6.33	5.50	4.25	2.00	0.00	5.00	0.00	0.00	0.00	0.00	1.50	2.75	1.00	3.25	5.00	3.00	0.00	0.50	0.00	34.88
Kharaideeh	SMF	5.21	3.25	3.13	2.00	0.00	4.00	0.00	0.00	0.00	0.00	1.07	3.43	1.00	3.25	4.88	2.17	0.00	1.50	0.00	40.08
Khutguan	LMF	8.34	6.35	5.62	1.00	0.00	2.00	0.00	0.00	0.00	0.00	1.67	4.56	1.08	4.18	5.00	3.29	5.00	3.00	2.50	47.72
Khutguan	SMF	8.16	6.34	4.05	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.59	4.35	1.00	3.50	5.00	4.22	3.00	2.00	2.50	53.58
Kotiyahe	LMF	7.50	4.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	4.00	2.00	5.00	5.00	3.00	1.00	2.00	2.50	50.93
Kotiyahe	SMF	7.58	6.54	4.15	3.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00	4.09	1.79	4.93	5.00	2.36	3.00	3.00	2.50	39.50
Kotva	LMF	3.00	2.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.50	1.00	2.00	5.00	5.00	0.00	0.50	2.00	53.60
Kotva	SMF	8.71	5.53	4.84	0.00	0.00	1.20	1.25	0.67	0.00	0.00	3.01	3.36	1.00	3.41	4.96	3.15	7.00	3.00	2.50	25.00
Kudi	LMF	3.67	6.67	2.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.33	2.83	1.00	3.33	5.00	2.00	2.00	2.00	1.50	45.53
Kudi	SMF	5.73	6.94	4.08	1.00	0.00	2.00	0.00	0.00	0.00	0.00	1.42	3.36	1.13	3.75	4.95	1.67	6.00	2.00	1.50	34.33
Kukawar	LMF	4.50	6.00	3.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.75	3.50	1.00	4.50	5.00	3.00	3.00	3.00	2.50	49.55
Kukawar	SMF	8.22	5.75	4.50	0.00	0.00	2.00	0.00	0.00	0.50	0.50	1.76	3.61	1.00	3.25	4.97	2.00	7.00	2.00	2.50	42.25
Kumbhoupur	LMF	9.83	5.02	4.12	0.00	0.00	5.17	0.00	0.00	0.00	0.00	1.69	3.97	1.00	4.00	5.00	2.13	3.00	3.00	2.50	49.84
Kumbhoupur	SMF	8.89	6.97	5.21	0.00	0.00	4.67	0.00	0.00	0.00	0.00	1.59	4.39	1.03	3.67	5.00	1.92	2.00	2.00	2.50	50.42
Labhera	LMF	8.81	6.40	3.50	0.00	0.00	4.00	0.00	0.00	0.00	0.00	2.70	4.21	1.00	4.38	5.00	1.92	6.00	2.00	2.50	50.96
Labhera	SMF	9.93	6.07	3.51	0.00	0.00	6.00	0.00	0.00	0.00	0.00	1.67	3.76	1.00	4.22	4.89	2.41	3.00	2.00	2.50	52.44
Lahchoura	LMF	4.50	2.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	3.50	1.00	5.00	5.00	2.50	1.00	1.50	2.00	59.59
Lahchoura	SMF	8.61	5.79	4.32	3.00	0.00	2.00	0.50	1.00	0.00	0.00	2.79	3.81	1.00	4.12	4.85	3.29	7.00	5.00	2.50	31.25
Laheri	LMF	8.40	5.50	5.30	0.00	0.00	1.00	0.00	0.50	0.00	0.00	1.50	3.10	1.00	3.20	5.00	3.40	2.00	1.50	1.50	54.86

Final Report on Impact Assessment of Watershed Programs in Uttar Pradesh

Watershed	Farmer Category	SC Works (14)	WHS (8)	Employment (6)	Community lands (6)	Water Bodies (2)	Maintenance of CPRs(12)	Horticulture (3)	Commercial crops (1)	Multi Purpose trees (1)	Micro Enterprises (2)	Livestock Shifts(4)	Feeds and Fodder (6)	Style of living(2)	Education of children (5)	Health and Nutritional Care (5)	Additional Expenditure (5)	Productive Assets (9)	Non Productive Assets (6)	Social Assets (3)	Grand total
Laheri	SMF	8.78	6.42	4.31	1.50	1.00	2.57	0.00	0.50	0.50	0.00	2.23	3.74	1.00	3.14	5.00	2.67	6.00	3.00	2.50	42.90
Machligan	LMF	11.64	6.39	4.89	0.00	0.00	2.00	0.67	1.00	0.00	0.00	1.89	3.39	1.11	4.44	5.00	3.11	4.00	2.00	2.50	56.26
Machligan	SMF	11.67	5.38	4.22	0.00	0.00	2.00	1.05	1.00	0.00	0.00	2.81	4.27	1.18	4.32	5.00	2.86	6.00	2.00	2.50	54.03
Mahadev ghosal	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.37
Mahadev ghosal	SMF	8.96	6.66	4.25	0.00	0.00	5.00	0.00	0.50	0.00	0.00	2.00	3.71	1.00	3.05	4.89	2.85	3.00	2.00	2.50	-
Maigalgunj	LMF	4.75	4.83	3.00	1.00	0.00	1.50	0.00	0.50	0.00	0.00	2.17	3.58	1.00	4.00	5.00	4.00	3.00	0.50	2.00	53.07
Maigalgunj	SMF	9.61	6.30	3.46	0.00	0.00	2.33	1.00	0.57	0.00	0.00	2.27	4.01	1.11	3.73	5.00	3.18	5.00	3.00	2.50	40.83
Majjia	LMF	5.83	3.75	2.50	0.00	0.00	4.00	0.00	0.75	0.00	0.00	1.00	3.08	1.00	3.50	4.75	4.50	2.00	1.00	0.00	59.88
Majjia	SMF	9.27	6.04	3.72	2.00	0.00	6.75	1.50	0.50	0.50	0.00	2.67	4.22	1.06	3.23	4.82	3.61	5.00	2.50	2.50	37.67
Malet hu	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	51.61
Malet hu	SMF	6.60	5.05	3.75	3.00	0.00	6.57	0.50	0.83	0.00	0.50	2.83	3.93	1.00	3.66	5.00	2.39	3.00	0.50	2.50	-
Mirzapur	LMF	7.90	6.10	2.45	0.00	0.00	2.00	2.00	1.00	0.00	0.00	1.50	3.40	1.00	3.60	4.80	2.80	4.00	3.00	2.50	61.90
Mirzapur	SMF	9.80	6.96	5.34	0.00	0.00	2.00	2.00	1.00	0.60	0.00	3.13	4.19	1.03	3.68	4.94	2.74	9.00	3.00	2.50	48.05
Moghela	LMF	9.47	5.60	3.50	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.70	4.00	1.40	5.00	5.00	3.20	8.00	4.00	2.50	50.65
Moghela	SMF	9.72	5.39	4.85	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.19	3.69	1.00	3.71	5.00	2.58	5.00	3.00	2.50	56.37
Mouher	LMF	8.63	6.80	3.57	0.00	0.00	4.00	0.00	0.00	0.00	0.00	1.67	4.37	1.20	3.73	5.00	3.73	6.00	2.00	2.50	55.61
Mouher	SMF	9.79	7.13	4.61	0.00	0.00	5.80	0.00	0.00	0.00	0.00	2.61	4.37	1.04	4.00	5.00	2.75	4.00	2.00	2.50	53.20
Mudiyara	LMF	5.83	3.75	3.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.71	4.25	1.00	3.75	5.00	2.00	3.00	1.50	2.00	60.39
Mudiyara	SMF	10.34	6.16	5.06	1.00	0.00	7.78	0.00	1.00	0.00	0.00	2.80	4.24	1.15	3.19	4.90	2.25	5.00	3.00	2.50	38.79
Nad ehra	LMF	9.99	6.40	3.59	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.71	4.70	1.35	3.63	5.00	2.56	7.00	3.00	2.50	46.08
Nad ehra	SMF	9.33	7.26	4.24	1.00	0.00	0.00	0.00	0.00	0.00	0.50	1.90	4.60	1.17	3.67	5.00	2.42	2.00	0.50	2.50	53.42
Nagala inami	LMF	3.33	5.13	4.42	1.00	0.00	4.00	0.00	0.00	0.00	0.00	1.50	3.75	1.25	4.25	5.00	2.00	2.00	1.50	1.00	49.70
Nagala inami	SMF	7.22	5.77	3.80	3.00	0.00	4.00	1.00	0.00	0.00	0.00	1.67	3.35	1.00	3.61	4.96	1.33	5.00	2.00	2.00	40.13
Naker a	LMF	9.45	5.47	4.93	0.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	3.53	1.17	3.94	5.00	2.22	6.00	2.00	2.50	44.82
Naker a	SMF	6.56	4.63	3.97	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.92	3.66	1.00	4.08	5.00	3.00	4.00	1.50	2.50	51.21
Narasindouli	LMF	4.50	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	3.50	1.00	2.00	5.00	1.00	2.00	0.50	0.00	62.77
Narasindouli	SMF	10.19	6.63	4.83	2.00	1.40	6.42	0.00	0.75	1.00	0.00	2.48	3.61	1.17	3.35	4.69	2.74	7.00	2.00	2.50	24.00
Narothampur	LMF	7.33	5.33	1.50	0.00	0.00	2.00	0.00	1.00	0.00	0.00	2.00	3.50	2.00	3.67	5.00	3.67	4.00	4.00	2.50	42.18
Narothampur	SMF	6.36	6.76	4.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.77	4.29	1.00	2.86	4.95	2.75	2.00	2.50	2.50	47.50
Navanagar	LMF	9.13	5.50	4.00	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	3.88	1.00	3.25	5.00	3.50	6.00	2.00	2.00	54.39
Navanagar	SMF	9.01	5.68	4.21	0.00	0.00	4.00	0.00	0.63	0.00	0.00	2.99	3.91	1.00	3.32	4.96	3.68	6.00	3.00	2.00	52.25
Nipania	LMF	4.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.00	1.00	4.00	5.00	2.67	1.00	1.50	0.00	35.57
Nipania	SMF	8.25	5.83	3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31	3.65	1.06	3.75	4.84	2.31	0.00	0.50	0.50	24.67
Odraha	LMF	11.00	5.33	2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.38	4.54	1.00	4.00	5.00	1.50	3.00	2.00	2.00	48.91
Odraha	SMF	9.00	5.27	2.98	0.00	0.00	7.50	0.00	0.75	0.50	0.00	2.11	4.09	1.00	3.00	5.00	2.22	1.00	2.00	2.50	44.08

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Pakariya	LMF	7.45	5.47	3.67	0.00	0.00	4.00	0.00	0.00	0.00	0.00	1.29	3.38	1.20	3.20	5.00	5.00	4.00	4.00	2.50	53.24
Pakariya	SMF	7.15	6.01	5.49	1.00	0.00	5.00	0.00	0.50	0.00	0.00	3.06	4.16	1.05	3.86	4.95	4.50	2.00	2.00	2.50	50.15
Panauta	LMF	4.33	5.43	3.13	1.00	0.00	2.00	0.00	0.00	0.00	0.00	1.46	2.57	1.43	3.03	5.00	1.00	1.50	1.21	0.50	51.07
Panauta	SMF	8.43	5.68	3.69	1.00	0.00	4.00	1.00	0.00	0.00	0.00	1.59	4.01	1.20	3.33	4.94	1.70	5.00	3.00	2.50	33.59
Parehata	LMF	8.59	5.54	3.77	2.00	0.00	2.00	0.00	0.00	0.00	0.00	2.38	3.83	1.04	3.71	4.96	2.87	4.00	4.00	2.50	44.73
Parehata	SMF	6.89	5.28	3.75	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.17	4.10	1.00	3.64	4.91	2.50	4.00	2.00	2.50	51.20
Parsapur	LMF	10.33	5.33	4.00	0.00	0.00	3.00	1.00	0.00	0.00	0.00	1.00	3.75	1.00	4.33	5.00	3.50	5.00	3.00	2.50	63.43
Parsapur	SMF	11.28	6.73	4.99	0.00	0.00	6.50	1.25	0.71	0.50	0.00	1.85	4.28	1.04	3.92	5.00	2.88	7.00	3.00	2.50	52.75
Pathai	LMF	7.49	5.01	5.07	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.75	3.66	1.00	3.64	4.91	2.36	9.00	2.00	2.50	48.66
Pathai	SMF	7.38	5.22	3.87	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.73	3.54	1.00	3.89	5.00	2.53	7.00	2.00	2.50	51.39
Piparayia palli	LMF	5.88	5.94	4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.39	4.70	1.26	3.81	5.00	3.06	7.00	4.00	2.50	44.33
Piparayia palli	SMF	5.55	5.94	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.92	4.50	1.44	3.63	5.00	2.56	5.00	2.00	2.50	50.24
Premapur	LMF	10.67	5.56	4.63	0.00	0.00	1.75	2.00	0.50	0.00	0.00	1.38	3.17	1.13	3.65	5.00	3.78	5.00	3.00	2.50	59.69
Premapur	SMF	9.52	7.63	4.44	0.00	0.00	7.00	1.50	0.75	0.00	0.00	2.29	3.40	1.08	3.77	4.67	4.15	5.00	2.00	2.50	53.71
Rajwapur	LMF	10.84	7.52	4.07	0.00	0.00	2.00	0.00	0.00	0.50	0.00	1.99	4.24	1.00	2.53	5.00	3.45	8.00	3.00	2.00	53.79
Rajwapur	SMF	10.87	5.42	4.31	2.00	0.00	2.00	0.00	0.00	0.50	0.00	1.75	3.93	1.00	2.06	5.00	2.95	7.00	3.00	2.00	56.15
Ratanmai	LMF	4.50	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	3.00	1.00	5.00	5.00	0.00	2.00	0.50	2.50	52.03
Ratanmai	SMF	6.97	6.33	5.34	0.00	0.00	2.67	0.67	0.50	0.75	0.00	1.91	3.86	1.11	3.14	5.00	2.30	6.00	3.00	2.50	28.00
Regravani	LMF	7.92	4.90	5.33	3.00	0.00	5.25	0.00	0.00	0.00	0.00	2.82	4.19	1.07	3.42	5.00	3.36	6.00	2.00	2.50	58.01
Regravani	SMF	8.66	6.91	5.42	3.00	1.00	2.00	0.00	0.00	0.00	0.00	3.37	4.66	1.17	3.27	5.00	3.05	6.00	2.00	2.50	56.76
Revai	LMF	7.25	4.93	4.40	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.79	3.74	1.00	3.50	5.00	3.00	5.00	3.00	2.00	50.04
Revai	SMF	7.83	7.04	4.16	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.44	3.74	1.00	3.82	5.00	3.00	6.00	2.00	2.00	46.61
Rihapur	LMF	8.14	5.46	4.09	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	4.26	1.07	2.67	5.00	2.13	4.00	1.00	2.50	43.08
Rihapur	SMF	8.14	5.46	4.09	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	4.26	1.07	2.67	5.00	2.13	4.00	1.00	2.50	43.08
Sacholi	LMF	8.00	6.58	3.33	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.58	3.38	1.00	4.00	5.00	4.67	1.00	1.00	2.50	51.04
Sacholi	SMF	9.70	6.87	4.37	0.00	0.00	5.00	0.00	0.00	0.00	0.00	1.53	3.77	1.00	3.92	4.96	4.41	1.00	2.00	2.50	44.05
Salarpur	LMF	4.50	5.00	1.50	0.00	0.00	1.00	2.00	1.00	0.00	0.00	1.00	1.00	1.00	3.50	4.00	2.50	1.00	0.50	2.50	55.79
Salarpur	SMF	8.32	6.72	4.22	0.00	0.00	2.00	1.00	0.67	0.00	0.50	2.90	3.88	1.06	3.78	4.86	2.39	7.00	4.00	2.50	32.00
Salempur	LMF	5.50	6.25	3.25	3.00	0.00	2.00	0.00	0.50	0.00	0.00	2.00	3.50	1.00	4.00	5.00	5.00	0.00	0.50	2.50	56.56
Salempur	SMF	10.86	6.85	3.72	3.00	0.00	3.43	0.50	0.50	0.50	0.50	2.56	3.75	1.06	3.67	5.00	3.18	3.00	2.00	2.50	44.00
Sarai ali	LMF	5.33	3.83	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	3.17	1.67	4.50	5.00	1.00	2.00	1.00	0.50	48.03
Sarai ali	SMF	8.39	4.65	4.25	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.22	3.88	1.15	4.07	5.00	1.93	6.00	2.00	2.50	33.00
Saraine	LMF	5.79	5.00	3.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.75	2.83	1.00	4.25	4.75	3.25	3.00	0.00	0.50	40.80
Saraine	SMF	6.48	6.37	3.17	0.00	0.00	1.00	0.00	0.00	0.00	0.00	2.17	2.95	1.00	3.10	4.67	3.40	5.00	1.00	0.50	37.00
Sarrakala	LMF	4.00	3.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.50	2.00	2.00	3.00	2.00	2.00	2.00	2.50	45.70

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Sarrakala	SMF	8.85	4.96	4.35	0.00	0.00	1.00	0.00	0.00	0.00	0.00	2.44	4.11	1.21	2.57	4.75	3.96	3.00	2.00	2.50	29.00
Sathjore	LMF	6.50	6.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	3.50	1.50	3.83	5.00	1.33	5.00	1.00	2.50	49.71
Sathjore	SMF	5.50	5.74	5.48	0.00	0.00	4.00	0.00	0.00	0.00	0.00	2.20	3.95	1.00	3.53	5.00	2.82	6.00	2.00	2.50	39.00
Shaper	LMF	4.18	2.23	2.17	2.00	0.00	2.00	0.00	0.00	0.00	0.00	2.17	4.50	1.00	2.50	4.60	3.83	2.00	0.50	0.00	42.06
Shaper	SMF	9.78	3.13	3.68	2.00	0.00	2.25	0.00	0.00	0.50	0.00	2.28	3.88	1.00	3.07	4.87	2.13	3.00	0.50	0.00	33.68
Sikandarpur	LMF	9.42	6.00	5.50	0.00	0.00	0.00	0.50	0.00	0.00	0.00	2.00	4.00	1.00	4.00	4.83	2.83	1.00	1.00	2.50	47.25
Sikandarpur	SMF	10.44	6.12	3.95	0.00	0.00	0.00	0.50	0.00	0.00	0.00	2.99	3.59	1.16	3.55	4.91	2.53	3.00	2.00	2.50	44.58
Singthi khalsha	LMF	7.88	5.25	4.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.33	3.75	1.75	3.25	5.00	2.00	4.00	2.00	2.50	60.75
Singthi khalsha	SMF	8.95	7.64	5.69	3.00	0.00	2.86	0.00	0.00	0.00	0.00	2.18	3.79	1.08	3.93	5.00	4.14	7.00	3.00	2.50	44.21
Siren	LMF	8.64	6.46	3.01	3.00	0.00	2.00	0.00	0.00	0.00	0.50	1.67	4.27	1.00	3.47	4.94	4.12	5.00	2.00	2.50	40.75
Siren	SMF	8.54	4.25	3.40	0.00	0.00	2.00	0.00	0.00	0.00	0.00	1.63	3.67	1.00	3.60	5.00	3.17	1.00	2.00	1.50	52.58
Sukwa	LMF	9.00	4.50	4.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	3.29	1.00	3.75	4.75	2.50	0.00	2.00	1.50	51.31
Sukwa	SMF	10.85	6.12	4.44	2.00	0.00	0.00	0.00	0.50	0.00	0.00	2.85	4.60	1.00	3.10	5.00	3.34	2.00	3.00	2.50	40.29
Syarmau	LMF	4.50	6.00	3.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.75	3.50	1.00	4.50	5.00	3.00	3.00	3.00	2.50	46.74
Syarmau	SMF	6.45	5.55	5.45	2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.98	3.56	1.00	3.77	4.69	2.80	3.00	3.00	2.50	42.25
Taharpur	LMF	6.50	5.00	2.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2.00	3.50	1.00	4.50	5.00	3.00	4.00	2.00	2.50	49.17
Taharpur	SMF	6.80	4.40	5.46	0.00	0.00	0.00	0.50	0.00	0.00	0.50	2.67	4.14	1.16	4.23	5.00	2.81	6.00	3.00	2.50	42.50
Teharai	LMF	4.50	6.00	3.50	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.75	3.50	1.00	4.50	5.00	3.00	3.00	3.00	2.50	47.27
Teharai	SMF	5.95	4.28	5.12	0.00	0.00	1.00	0.50	0.00	0.50	0.50	2.87	4.17	1.24	4.21	4.97	2.46	5.00	2.00	2.50	42.25
Teharai i	LMF	9.50	5.87	3.69	0.00	0.00	2.00	1.79	0.67	1.00	0.00	1.79	4.01	1.45	4.49	4.83	3.82	4.00	3.00	2.50	62.01
Teharai i	SMF	10.62	5.95	4.41	0.00	0.00	6.00	1.63	0.50	0.00	0.00	1.82	3.92	1.24	4.20	4.69	3.54	7.00	4.00	2.50	54.42
Tejwapur	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	53.22
Tejwapur	SMF	7.13	6.80	5.11	3.00	0.00	5.62	0.00	0.00	0.00	0.00	2.17	4.14	1.09	3.67	5.00	3.00	3.00	2.00	1.50	-
Tursena	LMF	4.00	7.00	2.00	3.00	0.00	8.00	0.00	0.00	0.00	0.00	3.00	4.54	1.00	3.50	5.00	2.67	3.00	2.00	2.50	55.98
Tursena	SMF	9.37	7.29	3.53	1.00	0.00	5.67	0.00	1.00	0.00	0.00	2.81	3.97	1.05	3.59	5.00	2.19	5.00	2.00	2.50	51.21
Umriya dongra	LMF	5.88	4.16	4.69	3.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	4.40	1.00	3.78	5.00	2.73	5.00	2.00	2.50	53.86
Umriya dongra	SMF	6.02	6.78	5.42	3.00	0.00	1.00	1.00	0.00	1.00	0.00	2.20	4.75	1.00	3.70	5.00	3.50	5.00	2.00	2.50	45.95
Vyeharpura	LMF	5.50	4.50	4.75	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.83	3.50	1.00	3.67	5.00	3.67	3.00	2.00	0.50	38.59
Vyeharpura	SMF	5.50	3.64	4.78	2.44	0.00	0.00	0.00	0.00	0.00	0.00	1.94	3.00	1.00	2.89	5.00	3.89	1.00	2.00	1.50	40.92
Yogya kala	LMF	5.38	6.11	3.26	0.00	2.00	1.50	0.00	0.00	0.00	0.00	2.45	3.46	1.00	3.04	5.00	1.96	7.00	2.00	1.50	22.00
Yogya kala	SMF	3.50	3.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	3.00	0.00	3.50	5.00	1.00	0.00	0.50	0.50	45.67

Table 38 Component wise district average scores for all categories of farmers (Detailed farmers' study)

District		SC Works (14)	Water Harvesting Structures (8)	Employment (6)	Maintenance of CPR (20)	Diversification of Agriculture (21)	Style of living (2)	Education of children (5)	Health and Nutritional Care (5)	Additional Expenditure Care (5)	Productive Assets (9)	Non Productive Assets (5)	Social Assets (3)	Total
Agra	SMF	8.26	5.39	4.37	3.00	7.05	1.10	3.78	4.89	2.47	5.50	3.00	2.40	51.21
Agra	LMF	5.91	5.14	3.21	1.00	6.07	1.11	4.30	4.92	2.65	2.45	2.22	2.05	41.03
Ambedkar nagar	SMF	8.89	6.00	4.92	3.16	8.39	1.12	4.00	4.99	2.64	7.40	3.00	2.50	57.01
Ambedkar nagar	LMF	7.66	6.01	3.93	2.40	6.79	1.24	4.03	4.94	2.94	3.80	2.40	2.50	48.64
Balrampur	SMF	8.69	6.38	4.02	5.61	6.81	1.03	3.34	4.92	2.90	5.20	2.60	2.40	53.9
Balrampur	LMF	4.86	3.27	2.26	1.40	4.03	0.73	2.09	3.00	1.65	2.40	1.10	1.20	27.99
Baharaich	SMF	7.81	5.63	4.63	2.76	6.34	1.05	3.19	4.96	2.97	4.10	2.35	2.25	48.04
Baharaich	LMF	5.84	4.60	2.43	0.60	4.82	1.34	3.10	4.28	2.39	3.70	1.85	1.95	36.9
Chandouli	SMF	4.04	5.44	2.75	2.40	5.57	0.73	4.19	4.93	3.10	2.40	1.10	1.50	38.15
Chandouli	LMF	5.87	5.56	2.54	2.45	6.34	0.99	4.01	4.93	2.86	3.20	2.30	1.80	42.85
Hamirpur	SMF	8.49	6.05	4.68	2.02	7.39	1.09	3.81	4.99	2.78	4.00	2.17	2.50	49.97
Hamirpur	LMF	7.90	5.63	3.94	2.35	6.14	1.09	3.83	5.00	2.80	4.78	2.50	2.50	48.46
Jhansi	SMF	8.93	5.80	4.03	2.40	6.68	1.01	3.81	4.98	2.74	3.80	2.30	2.50	48.98
Jhansi	LMF	9.28	5.77	4.13	2.00	6.57	1.07	3.97	4.94	2.21	4.25	2.00	2.25	48.44
Lakhimpur khiri	SMF	8.75	5.90	3.84	4.17	8.00	1.03	3.35	4.95	2.79	3.20	2.20	2.10	50.28
Lakhimpur khiri	LMF	8.37	5.72	2.73	1.50	6.13	1.29	3.62	5.00	2.80	3.20	2.10	2.00	44.46
Lalithpur	SMF	7.62	5.60	4.75	2.83	6.62	1.08	3.36	4.99	3.15	3.80	1.95	2.10	47.85
Lalithpur	LMF	7.69	5.56	4.65	3.13	5.97	1.07	3.32	4.99	3.29	4.60	2.10	2.10	48.47
Lucknow	SMF	9.69	6.54	4.31	6.71	8.79	1.04	3.64	5.00	3.24	4.20	2.60	2.50	58.26

Lucknow	LMF	6.51	4.88	2.68	3.60	5.45	0.87	3.32	4.00	2.57	1.40	1.20	2.00	38.48
Mahoba	SMF	7.83	7.04	4.16	2.00	6.18	1.00	3.82	5.00	3.00	6.00	2.00	2.00	50.03
Mahoba	LMF	7.25	4.93	4.40	2.00	5.54	1.00	3.50	5.00	3.00	5.00	3.00	2.00	46.62
Pratapgarh	SMF	8.68	6.53	4.68	4.44	6.54	1.23	3.96	4.99	3.16	4.20	2.60	2.50	53.51
Pratapgarh	LMF	7.45	4.71	2.47	1.40	5.91	1.40	4.33	4.96	2.49	1.80	1.30	2.50	40.72
Sonbhadra	SMF	6.93	4.55	3.55	3.65	6.73	1.00	3.14	4.85	2.35	2.40	1.90	1.00	42.05
Sonbhadra	LMF	6.53	4.68	3.68	3.75	6.53	1.02	3.06	4.89	3.10	3.20	1.30	0.70	42.44
Varanasi	SMF	8.40	6.61	4.14	3.44	7.32	1.07	3.55	4.94	2.83	5.60	2.50	2.30	52.7
Varanasi	LMF	5.18	4.96	3.03	1.20	4.38	1.00	3.52	4.80	3.28	1.00	1.20	2.00	35.55
Sitapur	SMF	9.72	6.46	4.48	7.56	8.55	1.05	3.56	4.90	2.68	5.00	2.05	2.45	58.46
Sitapur	LMF	9.72	6.46	4.48	7.56	8.55	1.05	3.56	4.90	2.68	5.00	2.05	2.45	58.46
Jalaun	SMF	8.87	5.84	3.81	1.72	5.96	1.05	3.57	4.81	2.66	2.80	1.20	1.10	43.39
Jalaun	LMF	7.24	3.88	3.59	2.60	4.86	1.26	3.63	4.79	2.77	2.60	1.30	0.70	39.22
Average		7.65	5.55	3.79	3.03	6.47	1.07	3.6	4.83	2.78	3.81	2.05	2.03	46.64
Minimum		4.04	3.27	2.26	0.6	4.03	0.73	2.09	3	1.65	1	1.1	0.7	27.99
Maximum		9.72	7.04	4.92	7.56	8.79	1.4	4.33	5	3.29	7.4	3	2.5	58.46

Table 39 Watershed wise comparison of scores at aggregate level (Watershed names are in alphabetical order)

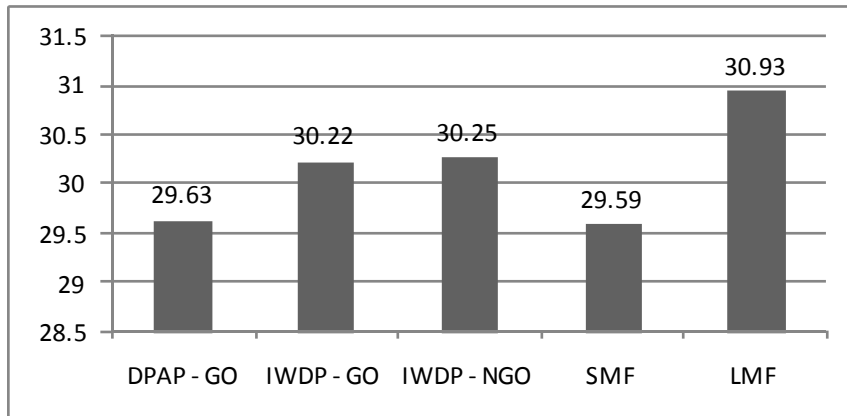
Sl. No.	Watershed Name	District	Program	PIA	Detailed Farmers' Study		Total Marks obtained by watersheds as per the Rapid Reconnaissance Survey (data is available for only 87 watersheds)
					LMF	SMF	
1	ADAGODAVA	BAHARAICH	DPAP	GO	35.54	47.63	NA
2	AGAPUR	BAHARAICH	DPAP	GO	34.5	48.75	24
3	AMOULI	AMBEDKAR NAGAR	IWDP	GO	47.41	53.24	26.5
4	AMROULA	AMBEDKAR NAGAR	IWDP	GO	43.96	55.4	29.5
5	ARBAPUR	SITAPUR	IWDP	GO	55.51	56.72	22
6	AURAHEYA	BALRAMPUR	DPAP	GO	42.9	54.86	11.5
7	AURANGABAD	LAKHIMPURKHERI	IWDP	GO	37.49	47.75	31.5
8	BADGO	BALRAMPUR	DPAP	GO	44.75	52.01	22.5
9	BAHERA	SON BHADRA	DPAP	GO	34.63	46.11	24.5
10	BALNA	LALITHPUR	DPAP	GO	50.85	51.36	20.5
11	BARTHRAKALA	CHANDOULI	IWDP	NGO	42.58	50	37.5
12	BASANTPUR	CHANDOULI	IWDP	NGO	30	29	1.5
13	BEELPUR	HAMIRPUR	DPAP	GO	41.74	45.89	14
14	BETWA RIVER	JALAUN	DPAP	GO	46.94	43.58	NA
15	BHAWRAKALA	LUCKNOW	IWDP	GO	0	59.3	NA
16	BHOUNIA	HAMIRPUR	DPAP	GO	43.86	48.05	20
17	BIRHARU	AGRA	IWDP	GO	37.02	49.78	26
18	CHAMARTALIYA	LUCKNOW	IWDP	GO	62.25	66.65	21.5
19	CHAPARTHALA	LAKHIMPURKHERI	IWDP	GO	49.75	48.47	36.5
20	CHILLBILA	VARANASI	IWDP	NGO	42.96	54.15	25.5
21	CHILLI	JALAUN	DPAP	GO	55.27	44.28	NA
22	DARIYAPUR	SITAPUR	IWDP	GO	21.5	59.36	29
23	DAWOODPUR	AMBEDKAR NAGAR	IWDP	GO	49.75	58.23	28

24	GARAI DEEH	SON BHADRA	DPAP	GO	53.26	46.3	19
25	GHAILA	SITAPUR	IWDP	GO	46.54	59.15	24
26	GHAULI	HAMIRPUR	DPAP	GO	54.38	49.51	26
27	GORAKACHIYA	LALITHPUR	DPAP	GO	39.5	46.36	24.5
28	GOURIBADANPUR	HAMIRPUR	DPAP	GO	39.67	54.38	27
29	GOUSAIPUR	VARANASI	IWDP	NGO	43.42	54.48	22.5
30	GUGOULI KHURD	BALRAMPUR	DPAP	GO	-	50.37	33.5
31	GULERIA GAJIPUR	BAHARAICH	DPAP	GO	38	40.62	28.5
32	GUSKAR	LUCKNOW	IWDP	GO	48.08	50.5	6
33	HATI	JHANSI	DPAP	GO	49.81	49.17	22.5
34	ICHOULI	HAMIRPUR	DPAP	GO	48.12	55.43	12.5
35	JAISARI	JALAUN	DPAP	GO	32.25	52.73	NA
36	JARIYARI	PRATAPGARH	IWDP	NGO	47.8	52.78	10.5
37	JIHURA	SITAPUR	IWDP	GO	41.68	55.47	NA
38	JUDAVARIYA	SON BHADRA	DPAP	GO	50.56	40.94	23.5
39	KARITORAN	LALITHPUR	DPAP	GO	51.18	54.56	26
40	KEWALI	LUCKNOW	IWDP	GO	38	58.33	13
41	KHALBHAL	CHANDOLI	IWDP	NGO	42.25	30	15
42	KHERADEEHA	SON BHADRA	DPAP	GO	40.08	34.88	22
43	KHUTGUAN	LALITHPUR	DPAP	GO	53.58	47.72	37.5
44	KOTIYAHE	PRATAPGARH	IWDP	NGO	39.5	50.93	14.5
45	KOTVA	VARANASI	IWDP	GO	25	53.6	14
46	KUDI	VARANASI	IWDP	NGO	34.33	45.53	NA
47	KUKAWAR	AGRA	IWDP	GO	42.25	49.55	19.5
48	KUMHUAPUR	HAMIRPUR	DPAP	GO	50.42	49.84	19
49	LABHERA	JHANSI	DPAP	GO	52.44	50.96	24

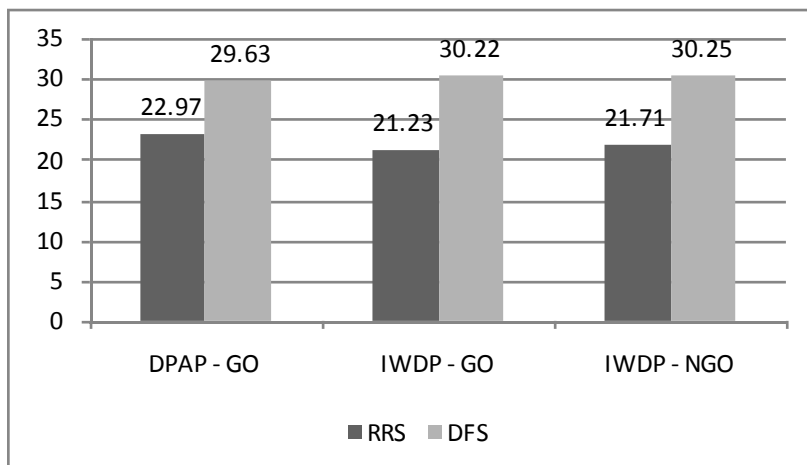
50	LAHCHOURA	AGRA	IWDP	GO	31.25	59.59	19.5
51	MACHLIGOAN	AMBEDKAR NAGAR	IWDP	GO	54.03	56.26	29.5
52	MAJIYA	SITAPUR	IWDP	GO	37.67	59.88	9
53	MALETHU	SITAPUR	IWDP	GO	-	51.61	14
54	MIRZAPUR	AMBEDKAR NAGAR	IWDP	GO	48.05	61.9	33.5
55	MOGHELA	BAHARAICH	DPAP	GO	56.37	50.65	NA
56	MOUGALGUNJ	LAKHIMPURKHERI	IWDP	GO	40.83	53.07	31
57	MOUHER	HAMIRPUR	DPAP	GO	53.2	55.61	18
58	MUDIYARA	SITAPUR	IWDP	GO	38.79	60.39	25
59	NADEHRA	HAMIRPUR	DPAP	GO	53.42	46.08	29.5
60	NAGALA INAMI	AGRA	IWDP	GO	40.13	49.7	16
61	NAKERA	JHANSI	DPAP	GO	51.21	44.82	NA
62	NARASINDOULI	SITAPUR	IWDP	GO	24	62.77	37.5
63	NAROTHAMPUR	BAHARAICH	DPAP	GO	47.5	42.18	14.5
64	NAVANAGAR GAON	BALRAMPUR	DPAP	GO	52.25	54.39	47
65	NIPANIA	JALAUN	DPAP	GO	24.67	35.57	NA
66	ODRAHA	LAKHIMPURKHERI	IWDP	GO	44.08	48.91	14
67	PAKRIA	LAKHIMPURKHERI	IWDP	GO	50.15	53.24	14
68	PANAUTA	AGRA	IWDP	GO	33.59	51.07	19
69	PAREHATA	HAMIRPUR	DPAP	GO	51.2	44.73	26
70	PARSAPUR	SITAPUR	IWDP	NGO	52.75	63.43	30
71	PATHA I	JHANSI	DPAP	GO	51.39	48.66	17
72	PIPARAYIA PALLI	LALITHPUR	DPAP	GO	50.24	44.33	22
73	PREMAPUR	CHANDOULI	IWDP	NGO	53.71	59.69	24.5
74	RAJWAPUR	BAHARAICH	DPAP	GO	56.15	53.79	NA
75	RATHAN MAI	PRATAPGARH	IWDP	NGO	28	52.03	12.5

76	REGRAVANI	LALITHPUR	DPAP	GO	56.76	58.01	44.5
77	REVAI	MAHOBA	DPAP	GO	46.61	50.04	22.5
78	RIHAPUR	LALITHPUR	DPAP	GO	43.08	43.08	17.5
79	SACHOULI	PRATAPGARH	IWDP	NGO	44.05	51.04	39
80	SALARPUR	VARANASI	IWDP	NGO	32	55.79	20.5
81	SALEMPUR	LUCKNOW	IWDP	GO	44	56.56	27.5
82	SARAI ALI	BAHARAICH	DPAP	GO	33	48.03	15
83	SARAINI	JALAUN	DPAP	GO	37	40.8	
84	SARRIKALA	BAHARAICH	DPAP	GO	29	45.7	17
85	SATHJORE	BAHARAICH	DPAP	GO	39	49.71	10
86	SHAPER	SON BHADRA	DPAP	GO	33.68	42.06	11
87	SIKANDARPUR	AGRA	IWDP	GO	44.58	47.25	16
88	SINGTHI KHALSHA	PRATAPGARH	IWDP	NGO	44.21	60.75	39.5
89	SIREN	LALITHPUR	DPAP	GO	52.58	40.75	27
90	SUKWA	JHANSI	DPAP	GO	40.29	51.31	9.5
91	SYARMAU	AGRA	IWDP	GO	42.25	46.74	15
92	TAHRAPUR	AGRA	IWDP	GO	42.5	49.17	9.5
93	TEHARA I	AGRA	IWDP	GO	42.25	47.27	12
94	TEHARA II	AGRA	IWDP	GO	54.42	62.01	12
95	TEJWAPUR	BAHARAICH	DPAP	GO	0.00	53.22	29.5
96	THRILOKPUR	BALRAMPUR	DPAP	GO	0.00	57.81	25.5
97	TURSENA	SITAPUR	IWDP	GO	51.21	55.98	NA
98	UMRIYA HOGHRA	LALITHPUR	DPAP	GO	45.95	53.86	37
99	VYAHARPURA	LALITHPUR	DPAP	GO	40.92	38.59	23.5
100	YOGIYAKALA	CHANDOULI	IWDP	NGO	45.67	22	24.5

Graph 1: Category wise average scores of watersheds



Graph 2: Comparison of watersheds scores in different sources



Sub component wise average scores of individual watersheds

Table 40 Watershed wise average scores for all sub components – Soil Conservation

District	Watershed	Farmer Category	Reduction in soil erosion (%)	Enhanced yields crops (%) - Cereals	Enhanced yields crops (%) - Pulses	Enhanced yields crops (%) - Oil seeds	Enhanced yields crops (%) – Cash Crops	Increase in cropping intensity in rain fed areas (%)	Total
Agra	BIRHARU	LMF	2.00	2.00	2.00	2.00	0.00	0.00	8.00
Agra	BIRHARU	SMF	2.00	2.32	1.50	2.00	2.00	0.00	9.82
Agra	KUKAWAR	LMF	2.00	2.50	0.00	0.00	0.00	0.00	4.50
Agra	KUKAWAR	SMF	1.97	2.25	2.00	2.00	0.00	0.00	8.22
Agra	LAHCHOURA	LMF	2.00	1.50	0.00	0.00	0.00	1.00	4.50
Agra	LAHCHOURA	SMF	1.71	2.40	0.00	1.50	1.00	2.00	8.61
Agra	NAGALA INAMI	LMF	2.00	1.33	0.00	0.00	0.00	0.00	3.33
Agra	NAGALA INAMI	SMF	2.00	1.22	0.00	2.00	2.00	0.00	7.22
Agra	PANAUTA	LMF	2.00	2.33	0.00	0.00	0.00	0.00	4.33
Agra	PANAUTA	SMF	2.00	2.43	2.00	2.00	0.00	0.00	8.43
Agra	SIKANDARPUR	LMF	1.92	2.00	0.00	2.00	2.00	1.50	9.42
Agra	SIKANDARPUR	SMF	1.88	1.73	2.00	1.83	2.00	1.00	10.44
Agra	SYARMAU	LMF	2.00	2.50	0.00	0.00	0.00	0.00	4.50
Agra	SYARMAU	SMF	1.95	1.87	0.00	1.63	0.00	1.00	6.45
Agra	TAHARPUR	LMF	2.00	2.00	2.00	0.50	0.00	0.00	6.50
Agra	TAHARPUR	SMF	1.80	2.00	2.00	0.00	1.00	0.00	6.80
Agra	TEHARA I	LMF	2.00	2.50	0.00	0.00	0.00	0.00	4.50
Agra	TEHARA I	SMF	1.86	2.08	0.00	2.00	0.00	0.00	5.95
Agra	TEHARA II	LMF	1.83	2.33	0.50	1.58	1.50	1.75	9.50
Agra	TEHARA II	SMF	1.83	2.11	1.13	1.63	2.00	1.92	10.62
Ambedkar Nagar	AMOULI	LMF	1.89	2.20	0.00	0.00	0.00	0.00	4.09
Ambedkar Nagar	AMOULI	SMF	1.93	2.00	2.00	0.00	0.00	0.00	5.93

District	Watershed	Farmer Category	Reduction in soil erosion (%)	Enhanced yields crops (%) - Cereals	Enhanced yields crops (%) - Pulses	Enhanced yields crops (%) - Oil seeds	Enhanced yields crops (%) – Cash Crops	Increase in cropping intensity in rain fed areas (%)	Total
Ambedkar Nagar	AMROULA	LMF	1.93	1.86	1.50	0.00	0.00	0.00	5.29
Ambedkar Nagar	AMROULA	SMF	1.80	1.81	1.67	0.00	2.00	2.00	9.28
Ambedkar Nagar	DAWOODPUR	LMF	1.58	2.80	1.00	0.00	2.00	2.00	9.38
Ambedkar Nagar	DAWOODPUR	SMF	1.91	2.48	1.58	0.00	0.00	1.80	7.78
Ambedkar Nagar	MACHLIGOAN	LMF	1.83	2.22	2.00	2.00	1.83	1.75	11.64
Ambedkar Nagar	MACHLIGOAN	SMF	1.88	2.15	1.90	2.00	2.00	1.75	11.67
Ambedkar Nagar	MIRZAPUR	LMF	1.50	2.40	2.00	2.00	0.00	0.00	7.90
Ambedkar Nagar	MIRZAPUR	SMF	1.87	2.15	1.78	2.00	0.00	2.00	9.80
Baharaich	ADAGODAVA	LMF	1.79	2.43	1.00	0.00	0.00	0.00	5.21
Baharaich	ADAGODAVA	SMF	1.59	2.19	1.43	2.00	0.00	1.50	8.70
Baharaich	AGAPUR	LMF	1.75	1.25	0.50	0.00	0.00	2.00	5.50
Baharaich	AGAPUR	SMF	1.76	1.89	0.00	1.25	1.50	2.00	8.40
Baharaich	GHULARIYA GHAJIPUR	LMF	1.33	2.33	0.50	0.00	0.00	0.00	4.17
Baharaich	GHULARIYA GHAJIPUR	SMF	1.53	2.61	0.00	0.00	0.00	0.00	4.14
Baharaich	MOGHELA	LMF	1.90	2.40	1.50	2.00	1.67	0.00	9.47
Baharaich	MOGHELA	SMF	1.92	2.72	1.58	1.50	2.00	0.00	9.72
Baharaich	NAROTHAMPUR	LMF	2.00	1.67	2.00	0.00	1.67	0.00	7.33
Baharaich	NAROTHAMPUR	SMF	2.00	1.86	0.00	0.00	1.50	1.00	6.36
Baharaich	RAJWAPUR	LMF	1.94	2.18	1.86	1.70	1.67	1.50	10.84
Baharaich	RAJWAPUR	SMF	1.92	2.45	1.33	2.00	1.67	1.50	10.87
Baharaich	SARAI ALI	LMF	1.83	1.00	0.50	0.50	0.00	1.50	5.33
Baharaich	SARAI ALI	SMF	1.75	2.07	0.90	0.50	1.17	2.00	8.39
Baharaich	SARRAKALA	LMF	2.00	2.00	0.00	0.00	0.00	0.00	4.00
Baharaich	SARRAKALA	SMF	1.61	2.36	1.50	2.00	1.38	0.00	8.85
Baharaich	SATHJORE	LMF	2.00	2.00	0.50	0.50	0.00	1.50	6.50

District	Watershed	Farmer Category	Reduction in soil erosion (%)	Enhanced yields crops (%) - Cereals	Enhanced yields crops (%) - Pulses	Enhanced yields crops (%) - Oil seeds	Enhanced yields crops (%) – Cash Crops	Increase in cropping intensity in rain fed areas (%)	Total
Baharaich	SATHJORE	SMF	2.00	2.00	1.00	0.00	0.50	0.00	5.50
Baharaich	TEJWAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	1.68	2.32	1.80	0.00	0.00	1.33	7.13
Balrampur	BADAGAON	LMF	1.00	3.00	0.75	0.00	0.00	2.00	6.75
Balrampur	BADAGAON	SMF	1.80	2.44	0.75	0.00	0.00	1.00	5.99
Balrampur	BELOKEPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	BELOKEPUR	SMF	1.63	2.36	1.89	2.00	0.83	2.00	10.71
Balrampur	LAHERI	LMF	1.60	2.80	2.00	2.00	0.00	0.00	8.40
Balrampur	LAHERI	SMF	1.79	2.24	1.25	2.00	0.00	1.50	8.78
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	1.78	2.32	1.70	2.00	0.00	1.17	8.96
Balrampur	NAVANAGAR	LMF	1.63	2.00	2.00	2.00	1.50	0.00	9.13
Balrampur	NAVANAGAR	SMF	1.83	2.31	0.00	1.00	1.87	2.00	9.01
Chandoli	BARTHRAKALA	LMF	1.75	2.33	0.00	0.00	0.00	0.00	4.08
Chandoli	BARTHRAKALA	SMF	1.50	2.17	1.50	0.00	0.00	0.00	5.17
Chandoli	BASANTHPUR	LMF	2.00	0.00	0.00	0.00	0.00	0.00	2.00
Chandoli	BASANTHPUR	SMF	2.00	0.00	0.00	0.00	0.00	0.00	2.00
Chandoli	KHALBHAL	LMF	1.00	2.33	2.00	0.00	0.00	1.88	7.21
Chandoli	KHALBHAL	SMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Chandoli	PREMAPUR	LMF	1.61	2.56	1.75	1.00	2.00	1.75	10.67
Chandoli	PREMAPUR	SMF	1.73	2.38	1.40	1.50	1.50	1.00	9.52
Chandoli	YOGIYAKALA	LMF	1.64	2.24	0.50	0.00	0.00	1.00	5.38
Chandoli	YOGIYAKALA	SMF	1.50	1.00	0.00	0.00	0.00	1.00	3.50
Hamirpur	BEELPUR	LMF	1.81	2.30	1.27	0.00	0.00	0.00	5.38
Hamirpur	BEELPUR	SMF	1.87	2.26	1.41	1.00	0.00	0.00	6.55

District	Watershed	Farmer Category	Reduction in soil erosion (%)	Enhanced yields crops (%) - Cereals	Enhanced yields crops (%) - Pulses	Enhanced yields crops (%) - Oil seeds	Enhanced yields crops (%) – Cash Crops	Increase in cropping intensity in rain fed areas (%)	Total
Hamirpur	BHAUNIA	LMF	1.88	2.50	1.82	0.50	0.00	0.00	6.70
Hamirpur	BHAUNIA	SMF	1.91	2.46	1.59	1.33	0.00	0.00	7.30
Hamirpur	GHAULI	LMF	2.00	1.95	1.57	1.77	1.00	1.25	9.54
Hamirpur	GHAULI	SMF	1.97	2.00	1.47	1.58	0.00	2.00	9.02
Hamirpur	GOURIBADANPUR	LMF	1.60	1.75	1.80	0.00	0.00	0.00	5.15
Hamirpur	GOURIBADANPUR	SMF	1.68	2.48	1.59	1.75	2.00	0.00	9.50
Hamirpur	ICHAULI	LMF	1.75	2.20	1.33	2.00	0.00	0.00	7.28
Hamirpur	ICHAULI	SMF	1.80	2.62	1.63	1.57	0.50	1.00	9.12
Hamirpur	KUMHROUPUR	LMF	1.95	2.00	1.88	2.00	0.00	2.00	9.83
Hamirpur	KUMHROUPUR	SMF	1.93	2.41	1.79	0.75	0.00	2.00	8.89
Hamirpur	MOUHER	LMF	2.00	1.70	1.31	2.00	0.00	1.63	8.63
Hamirpur	MOUHER	SMF	2.00	2.06	1.54	1.60	1.00	1.58	9.79
Hamirpur	NADEHRA	LMF	1.98	1.92	1.60	2.00	0.50	2.00	9.99
Hamirpur	NADEHRA	SMF	1.96	2.17	1.70	1.50	0.00	2.00	9.33
Hamirpur	PAREHATA	LMF	1.94	1.90	1.61	1.64	0.00	1.50	8.59
Hamirpur	PAREHATA	SMF	1.95	2.00	1.50	1.44	0.00	0.00	6.89
Jalaun	BETWA RIVER	LMF	1.50	2.17	1.42	1.00	0.00	1.50	7.58
Jalaun	BETWA RIVER	SMF	1.00	2.00	1.00	1.50	2.00	1.75	9.25
Jalaun	CHILLI	LMF	1.22	2.29	1.70	1.50	0.50	1.60	8.81
Jalaun	CHILLI	SMF	1.64	2.50	1.20	1.67	1.00	1.83	9.84
Jalaun	JAISARI	LMF	1.00	2.50	2.00	2.00	0.00	2.00	9.50
Jalaun	JAISARI	SMF	1.73	1.89	1.57	2.00	2.00	1.33	10.52
Jalaun	NIPANIA	LMF	2.00	1.00	1.50	0.00	0.00	0.00	4.50
Jalaun	NIPANIA	SMF	1.54	2.38	1.33	1.45	0.00	1.56	8.25
Jalaun	SARAINI	LMF	1.63	2.00	0.67	0.00	0.00	1.50	5.79

District	Watershed	Farmer Category	Reduction in soil erosion (%)	Enhanced yields crops (%) - Cereals	Enhanced yields crops (%) - Pulses	Enhanced yields crops (%) - Oil seeds	Enhanced yields crops (%) – Cash Crops	Increase in cropping intensity in rain fed areas (%)	Total
Jalaun	SARAINI	SMF	1.50	1.90	1.00	0.83	0.00	1.25	6.48
Jhansi	HATI	LMF	1.97	2.14	1.75	2.00	2.00	0.00	9.86
Jhansi	HATI	SMF	1.96	2.30	1.68	2.00	0.00	2.00	9.94
Jhansi	LABHERA	LMF	1.67	2.29	1.61	1.25	0.00	2.00	8.81
Jhansi	LABHERA	SMF	1.97	2.00	1.50	1.75	1.00	1.71	9.93
Jhansi	NAKERA	LMF	1.97	2.00	1.73	2.00	0.00	1.75	9.45
Jhansi	NAKERA	SMF	2.00	1.67	1.23	1.67	0.00	0.00	6.56
Jhansi	PATHA I	LMF	2.00	1.80	1.69	2.00	0.00	0.00	7.49
Jhansi	PATHA I	SMF	2.00	1.65	1.73	2.00	0.00	0.00	7.38
Jhansi	SUKWA	LMF	1.75	2.00	1.50	1.75	0.00	2.00	9.00
Jhansi	SUKWA	SMF	1.79	2.56	1.61	1.65	1.25	2.00	10.85
Lakhimpur Khiri	AURANGABAD	LMF	2.00	2.75	2.00	2.00	2.00	0.00	10.75
Lakhimpur Khiri	AURANGABAD	SMF	1.86	1.77	1.17	1.20	1.40	2.00	9.39
Lakhimpur Khiri	CHAPARTALA	LMF	1.63	2.50	1.00	1.25	1.50	0.00	7.88
Lakhimpur Khiri	CHAPARTALA	SMF	1.66	2.18	0.00	1.44	2.00	1.33	8.62
Lakhimpur Khiri	MAIGALGUNJ	LMF	1.50	2.00	0.00	1.25	0.00	0.00	4.75
Lakhimpur Khiri	MAIGALGUNJ	SMF	1.84	2.06	2.00	2.00	1.71	0.00	9.61
Lakhimpur Khiri	ODRAHA	LMF	2.00	3.00	0.00	2.00	2.00	2.00	11.00
Lakhimpur Khiri	ODRAHA	SMF	1.98	1.72	2.00	2.00	1.30	0.00	9.00
Lakhimpur Khiri	PAKARIYA	LMF	1.70	2.25	0.00	2.00	0.00	1.50	7.45
Lakhimpur Khiri	PAKARIYA	SMF	1.55	2.05	0.00	1.92	0.00	1.63	7.15
Lalithpur	BALNA	LMF	1.85	2.00	1.33	2.00	0.00	2.00	9.18
Lalithpur	BALNA	SMF	1.92	2.09	1.43	1.57	0.00	1.72	8.73
Lalithpur	GORA KATHA	LMF	2.00	3.00	1.50	1.00	0.00	2.00	9.50
Lalithpur	GORA KATHA	SMF	1.82	2.23	1.63	1.17	0.00	2.00	8.84

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Lalithpur	KARITORAN	LMF	1.91	2.43	1.64	1.90	0.00	0.00	7.87
Lalithpur	KARITORAN	SMF	1.80	2.67	1.80	1.75	0.00	0.00	8.02
Lalithpur	KHUTGUAN	LMF	2.00	2.44	1.90	2.00	0.00	0.00	8.34
Lalithpur	KHUTGUAN	SMF	1.96	2.40	1.80	2.00	0.00	0.00	8.16
Lalithpur	PIPARAYIA PALLI	LMF	2.00	2.38	1.50	0.00	0.00	0.00	5.88
Lalithpur	PIPARAYIA PALLI	SMF	2.00	2.33	1.21	0.00	0.00	0.00	5.55
Lalithpur	REGRAVANI	LMF	1.79	2.64	2.00	0.00	1.50	0.00	7.92
Lalithpur	REGRAVANI	SMF	1.86	2.47	1.83	0.00	0.50	2.00	8.66
Lalithpur	RIHAPUR	LMF	1.97	2.50	1.84	0.00	0.00	1.83	8.14
Lalithpur	RIHAPUR	SMF	1.97	2.50	1.84	0.00	0.00	1.83	8.14
Lalithpur	SIREN	LMF	1.65	2.38	1.61	1.50	0.00	1.50	8.64
Lalithpur	SIREN	SMF	1.69	3.00	1.86	0.00	0.00	2.00	8.54
Lalithpur	UMRIYA DONGRA	LMF	1.82	2.17	1.40	0.50	0.00	0.00	5.88
Lalithpur	UMRIYA DONGRA	SMF	1.80	2.56	1.67	0.00	0.00	0.00	6.02
Lalithpur	VYAHARPURA	LMF	1.83	2.33	1.33	0.00	0.00	0.00	5.50
Lalithpur	VYAHARPURA	SMF	1.75	2.00	1.75	0.00	0.00	0.00	5.50
Lucknow	BHAWRAKALA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	1.67	2.38	2.00	0.00	1.00	1.06	8.11
Lucknow	CHAMARTALIYA	LMF	2.00	2.00	2.00	2.00	2.00	1.33	11.33
Lucknow	CHAMARTALIYA	SMF	1.75	2.19	1.53	2.00	1.63	1.20	10.29
Lucknow	GUSKAR	LMF	1.50	1.60	2.00	0.00	0.00	1.60	6.70
Lucknow	GUSKAR	SMF	1.50	2.20	0.50	0.50	2.00	1.62	8.32
Lucknow	KEWALI	LMF	2.00	3.00	0.00	2.00	0.50	1.50	9.00
Lucknow	KEWALI	SMF	1.97	2.52	2.00	1.83	1.10	1.46	10.88
Lucknow	SALEMPUR	LMF	2.00	2.00	0.00	0.00	0.00	1.50	5.50

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Lucknow	SALEMPUR	SMF	2.00	2.29	2.00	1.29	2.00	1.29	10.86
Mahoba	REVAI	LMF	1.75	2.50	2.00	1.00	0.00	0.00	7.25
Mahoba	REVAI	SMF	1.80	2.36	1.67	2.00	0.00	0.00	7.83
Pratapghad	JARIYARI	LMF	1.60	2.25	1.50	2.00	0.50	1.50	9.35
Pratapghad	JARIYARI	SMF	1.94	2.27	2.00	2.00	0.00	2.00	10.21
Pratapghad	KOTIYAHE	LMF	1.50	2.00	2.00	2.00	0.00	0.00	7.50
Pratapghad	KOTIYAHE	SMF	1.82	1.93	1.33	2.00	0.50	0.00	7.58
Pratapghad	RATANMAI	LMF	1.00	3.00	0.50	0.00	0.00	0.00	4.50
Pratapghad	RATANMAI	SMF	1.88	2.59	1.50	0.00	1.00	0.00	6.97
Pratapghad	SACHOLI	LMF	1.58	1.75	1.00	1.67	0.00	2.00	8.00
Pratapghad	SACHOLI	SMF	1.61	2.29	2.00	1.25	1.00	1.56	9.70
Pratapghad	SINGTHI KHALSHA	LMF	1.88	2.50	2.00	1.50	0.00	0.00	7.88
Pratapghad	SINGTHI KHALSHA	SMF	1.82	2.23	1.90	1.50	0.00	1.50	8.95
Sitapur	ARBAPUR	LMF	1.50	2.45	1.63	1.73	2.00	1.89	11.19
Sitapur	ARBAPUR	SMF	1.73	2.40	2.00	1.83	0.00	1.88	9.84
Sitapur	DARIYAPUR	LMF	2.00	2.00	0.00	0.00	0.00	0.00	4.00
Sitapur	DARIYAPUR	SMF	1.84	2.60	1.29	1.50	1.75	1.70	10.68
Sitapur	GHAILA	LMF	1.75	2.50	0.00	0.00	1.00	0.00	5.25
Sitapur	GHAILA	SMF	1.65	2.05	1.00	1.60	1.88	1.50	9.67
Sitapur	JIHURA	LMF	2.00	2.25	0.50	0.50	1.00	0.00	6.25
Sitapur	JIHURA	SMF	1.93	2.40	1.00	1.42	1.25	2.00	10.00
Sitapur	MAJIYA	LMF	1.00	2.33	0.50	0.00	0.00	2.00	5.83
Sitapur	MAJIYA	SMF	1.50	2.40	1.00	2.00	0.70	1.67	9.27
Sitapur	MALETHU	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Sitapur	MALETHU	SMF	1.68	1.63	1.25	1.25	0.80	0.00	6.60

District	Watershed	Farmer Category	Reduction in soil erosion (%)	Enhanced yields crops (%) - Cereals	Enhanced yields crops (%) - Pulses	Enhanced yields crops (%) - Oil seeds	Enhanced yields crops (%) – Cash Crops	Increase in cropping intensity in rain fed areas (%)	Total
Sitapur	MUDIYARA	LMF	1.50	2.33	2.00	0.00	0.00	0.00	5.83
Sitapur	MUDIYARA	SMF	1.80	2.00	1.42	2.00	1.13	2.00	10.34
Sitapur	NARASINDOULI	LMF	1.50	1.00	0.50	0.00	0.00	1.50	4.50
Sitapur	NARASINDOULI	SMF	1.64	2.68	1.38	1.50	1.25	1.75	10.19
Sitapur	PARSAPUR	LMF	2.00	2.33	2.00	2.00	2.00	0.00	10.33
Sitapur	PARSAPUR	SMF	1.72	2.45	1.75	1.69	1.67	2.00	11.28
Sitapur	TURSENA	LMF	2.00	2.00	0.00	0.00	0.00	0.00	4.00
Sitapur	TURSENA	SMF	1.97	1.87	1.43	1.40	0.83	1.88	9.37
Sonbhadra	BAHERA	LMF	1.50	2.33	0.00	0.00	2.00	0.00	5.83
Sonbhadra	BAHERA	SMF	1.50	2.40	0.50	0.00	1.30	0.00	5.70
Sonbhadra	GARAI DEEH	LMF	1.63	1.83	1.07	1.50	2.00	1.50	9.53
Sonbhadra	GARAI DEEH	SMF	1.88	1.67	1.75	2.00	0.50	0.00	7.79
Sonbhadra	JUDAVARIYA	LMF	1.89	1.50	0.88	0.00	1.00	1.50	6.76
Sonbhadra	JUDAVARIYA	SMF	2.00	2.18	0.00	2.00	0.00	0.00	6.18
Sonbhadra	KHARAIDEEH	LMF	1.83	2.50	2.00	0.00	0.00	0.00	6.33
Sonbhadra	KHARAIDEEH	SMF	1.25	1.75	0.88	0.00	0.00	1.33	5.21
Sonbhadra	SHAPER	LMF	1.60	1.33	0.50	0.75	0.00	0.00	4.18
Sonbhadra	SHAPER	SMF	1.42	1.69	1.17	1.50	2.00	2.00	9.78
Varanasi	CHILLBILA	LMF	1.38	2.00	2.00	2.00	0.00	0.00	7.38
Varanasi	CHILLBILA	SMF	1.58	2.22	1.72	1.67	0.50	2.00	9.69
Varanasi	GHOSAIPUR MOHAV	LMF	1.67	1.67	2.00	0.00	0.00	2.00	7.33
Varanasi	GHOSAIPUR MOHAV	SMF	1.60	2.69	1.58	0.00	2.00	1.69	9.56
Varanasi	KOTVA	LMF	1.00	2.00	0.00	0.00	0.00	0.00	3.00
Varanasi	KOTVA	SMF	1.71	2.04	2.00	0.75	1.20	1.00	8.71
Varanasi	KUDI	LMF	1.67	2.00	0.00	0.00	0.00	0.00	3.67

District	Watershed	Farmer Category	Reduction in soil erosion (%)	Enhanced yields crops (%) - Cereals	Enhanced yields crops (%) - Pulses	Enhanced yields crops (%) - Oil seeds	Enhanced yields crops (%) – Cash Crops	Increase in cropping intensity in rain fed areas (%)	Total
Varanasi	KUDI	SMF	1.83	1.40	0.00	1.00	0.50	1.00	5.73
Varanasi	SALARPUR	LMF	1.50	1.00	0.50	0.00	1.50	0.00	4.50
Varanasi	SALARPUR	SMF	1.61	1.79	0.78	1.25	1.40	1.50	8.32

Table 41 Watershed wise average scores for all sub components - Water Harvesting Structures

District	Watershed	Farmer Category	Runoff Reduction	Assured Drinking Water Supply	Increase in irrigated area	Status of water harvesting structures	Total
Agra	BIRHARU	LMF	1.75	0.00	0.00	1.75	3.50
Agra	BIRHARU	SMF	1.63	1.00	0.00	2.00	4.63
Agra	KUKAWAR	LMF	2.00	2.00	0.00	2.00	6.00
Agra	KUKAWAR	SMF	1.82	1.93	0.00	2.00	5.75
Agra	LAHCHOURA	LMF	1.50	1.00	0.00	0.00	2.50
Agra	LAHCHOURA	SMF	1.60	1.40	1.88	0.92	5.79
Agra	NAGALA INAMI	LMF	1.63	2.00	0.00	1.50	5.13
Agra	NAGALA INAMI	SMF	1.85	2.00	0.00	1.91	5.77
Agra	PANAUTA	LMF	2.00	1.71	0.00	1.71	5.43
Agra	PANAUTA	SMF	1.94	1.94	0.00	1.81	5.68
Agra	SIKANDARPUR	LMF	1.75	1.00	1.25	2.00	6.00
Agra	SIKANDARPUR	SMF	1.70	1.11	1.67	1.65	6.12
Agra	SYARMAU	LMF	2.00	2.00	0.00	2.00	6.00
Agra	SYARMAU	SMF	1.68	1.00	1.33	1.54	5.55
Agra	TAHARPUR	LMF	2.00	1.50	0.00	1.50	5.00
Agra	TAHARPUR	SMF	1.81	1.15	0.00	1.44	4.40
Agra	TEHARA I	LMF	2.00	2.00	0.00	2.00	6.00
Agra	TEHARA I	SMF	1.84	1.03	0.00	1.42	4.28
Agra	TEHARA II	LMF	1.41	1.45	1.80	1.21	5.87
Agra	TEHARA II	SMF	1.50	1.50	1.83	1.12	5.95
Ambedkar Nagar	AMOULI	LMF	1.72	1.78	0.00	2.00	5.50
Ambedkar Nagar	AMOULI	SMF	1.78	1.79	0.00	1.87	5.43
Ambedkar Nagar	AMROULA	LMF	1.67	2.00	0.00	1.67	5.33
Ambedkar Nagar	AMROULA	SMF	1.69	2.00	1.25	1.10	6.04
Ambedkar Nagar	DAWOODPUR	LMF	1.42	1.80	2.00	1.50	6.72

District	Watershed	Farmer Category	Runoff Reduction	Assured Drinking Water Supply	Increase in irrigated area	Status of water harvesting structures	Total
Ambedkar Nagar	DAWOODPUR	SMF	1.45	1.79	1.50	1.46	6.20
Ambedkar Nagar	MACHLIGOAN	LMF	1.89	2.00	1.00	1.50	6.39
Ambedkar Nagar	MACHLIGOAN	SMF	1.77	2.00	0.00	1.61	5.38
Ambedkar Nagar	MIRZAPUR	LMF	1.40	1.20	1.50	2.00	6.10
Ambedkar Nagar	MIRZAPUR	SMF	1.63	1.45	1.88	2.00	6.96
Baharaich	ADAGODAVA	LMF	1.50	1.67	0.00	1.50	4.67
Baharaich	ADAGODAVA	SMF	1.42	1.90	1.38	1.27	5.96
Baharaich	AGAPUR	LMF	1.50	2.00	1.50	0.00	5.00
Baharaich	AGAPUR	SMF	1.98	1.92	0.00	1.69	5.59
Baharaich	GHULARIYA GHAJIPUR	LMF	1.50	2.00	0.00	1.00	4.50
Baharaich	GHULARIYA GHAJIPUR	SMF	1.53	2.00	0.00	1.50	5.03
Baharaich	MOGHELA	LMF	1.60	2.00	0.00	2.00	5.60
Baharaich	MOGHELA	SMF	1.52	1.88	0.00	2.00	5.39
Baharaich	NAROTHAMPUR	LMF	2.00	1.67	0.00	1.67	5.33
Baharaich	NAROTHAMPUR	SMF	1.98	2.00	1.00	1.78	6.76
Baharaich	RAJWAPUR	LMF	1.93	2.00	2.00	1.59	7.52
Baharaich	RAJWAPUR	SMF	1.77	2.00	0.00	1.65	5.42
Baharaich	SARAI ALI	LMF	1.83	2.00	0.00	0.00	3.83
Baharaich	SARAI ALI	SMF	1.94	1.75	0.00	0.96	4.65
Baharaich	SARRAKALA	LMF	1.50	2.00	0.00	0.00	3.50
Baharaich	SARRAKALA	SMF	1.46	2.00	1.50	0.00	4.96
Baharaich	SATHJORE	LMF	2.00	2.00	0.00	2.00	6.00
Baharaich	SATHJORE	SMF	2.00	1.91	0.00	1.83	5.74
Baharaich	TEJWAPUR	LMF	0.00	0.00	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	1.50	1.80	2.00	1.50	6.80
Balrampur	BADAGAON	LMF	1.33	2.00	1.00	1.00	5.33
Balrampur	BADAGAON	SMF	1.89	1.71	2.00	1.75	7.34

District	Watershed	Farmer Category	Runoff Reduction	Assured Drinking Water Supply	Increase in irrigated area	Status of water harvesting structures	Total
Balrampur	BELOKEPUR	LMF	0.00	0.00	0.00	0.00	-
Balrampur	BELOKEPUR	SMF	1.30	1.78	1.67	1.03	5.77
Balrampur	LAHERI	LMF	1.50	2.00	0.00	2.00	5.50
Balrampur	LAHERI	SMF	1.72	1.53	1.33	1.83	6.42
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	1.56	2.00	1.60	1.50	6.66
Balrampur	NAVANAGAR	LMF	1.50	2.00	0.00	2.00	5.50
Balrampur	NAVANAGAR	SMF	1.68	2.00	0.00	2.00	5.68
Chandoli	BARTHRAKALA	LMF	1.50	2.00	2.00	1.33	6.83
Chandoli	BARTHRAKALA	SMF	1.40	2.00	2.00	1.41	6.81
Chandoli	BASANTHPUR	LMF	2.00	2.00	0.00	2.00	6.00
Chandoli	BASANTHPUR	SMF	2.00	2.00	0.00	2.00	6.00
Chandoli	KHALBHAL	LMF	0.00	2.00	0.00	1.30	3.30
Chandoli	KHALBHAL	SMF	0.00	2.00	0.00	1.25	3.25
Chandoli	PREMAPUR	LMF	1.56	2.00	0.00	2.00	5.56
Chandoli	PREMAPUR	SMF	1.63	2.00	2.00	2.00	7.63
Chandoli	YOGIYAKALA	LMF	1.86	1.00	1.25	2.00	6.11
Chandoli	YOGIYAKALA	SMF	1.50	0.00	0.00	2.00	3.50
Hamirpur	BEELPUR	LMF	1.50	1.00	1.50	1.38	5.38
Hamirpur	BEELPUR	SMF	1.61	1.27	0.00	1.52	4.40
Hamirpur	BHAUNIA	LMF	1.85	1.78	0.00	1.17	4.79
Hamirpur	BHAUNIA	SMF	1.82	1.89	0.00	1.43	5.14
Hamirpur	GHAULI	LMF	1.85	1.67	1.70	1.27	6.48
Hamirpur	GHAULI	SMF	1.84	1.77	1.44	1.64	6.69
Hamirpur	GOURIBADANPUR	LMF	1.50	1.25	0.00	2.00	4.75
Hamirpur	GOURIBADANPUR	SMF	1.63	1.36	1.75	1.41	6.15
Hamirpur	ICHAULI	LMF	1.64	2.00	0.00	1.83	5.48

District	Watershed	Farmer Category	Runoff Reduction	Assured Drinking Water Supply	Increase in irrigated area	Status of water harvesting structures	Total
Hamirpur	ICHAULI	SMF	1.64	2.00	0.00	1.75	5.39
Hamirpur	KUMHROUPUR	LMF	1.59	1.80	0.00	1.63	5.02
Hamirpur	KUMHROUPUR	SMF	1.59	1.91	2.00	1.48	6.97
Hamirpur	MOUHER	LMF	1.59	2.00	1.67	1.55	6.80
Hamirpur	MOUHER	SMF	1.68	1.94	2.00	1.52	7.13
Hamirpur	NADEHRA	LMF	1.96	1.46	1.50	1.48	6.40
Hamirpur	NADEHRA	SMF	1.96	1.56	2.00	1.75	7.26
Hamirpur	PAREHATA	LMF	1.77	1.14	1.50	1.13	5.54
Hamirpur	PAREHATA	SMF	1.73	1.30	1.25	1.00	5.28
Jalaun	BETWA RIVER	LMF	1.40	1.67	1.40	0.50	4.97
Jalaun	BETWA RIVER	SMF	1.20	1.80	1.33	0.00	4.33
Jalaun	CHILLI	LMF	1.14	1.50	1.81	1.50	5.96
Jalaun	CHILLI	SMF	1.19	1.29	1.75	2.00	6.22
Jalaun	JAISARI	LMF	1.50	2.00	0.00	0.00	3.50
Jalaun	JAISARI	SMF	1.30	1.91	1.50	1.75	6.46
Jalaun	NIPANIA	LMF	0.00	0.00	0.00	0.00	-
Jalaun	NIPANIA	SMF	1.42	1.91	2.00	0.50	5.83
Jalaun	SARAINI	LMF	1.38	1.00	1.38	1.25	5.00
Jalaun	SARAINI	SMF	1.44	1.80	1.50	1.63	6.37
Jhansi	HATI	LMF	1.91	1.95	1.50	1.36	6.71
Jhansi	HATI	SMF	1.87	2.00	1.50	1.60	6.97
Jhansi	LABHERA	LMF	1.28	2.00	1.50	1.63	6.40
Jhansi	LABHERA	SMF	1.23	1.73	1.94	1.17	6.07
Jhansi	NAKERA	LMF	1.58	1.88	1.00	1.00	5.47
Jhansi	NAKERA	SMF	1.77	1.91	0.00	0.95	4.63
Jhansi	PATHA I	LMF	1.57	1.58	0.00	1.86	5.01
Jhansi	PATHA I	SMF	1.61	1.62	0.00	2.00	5.22

District	Watershed	Farmer Category	Runoff Reduction	Assured Drinking Water Supply	Increase in irrigated area	Status of water harvesting structures	Total
Jhansi	SUKWA	LMF	1.50	1.50	0.00	1.50	4.50
Jhansi	SUKWA	SMF	1.66	1.25	2.00	1.21	6.12
Lakhimpur Khiri	AURANGABAD	LMF	2.00	1.80	0.00	2.00	5.80
Lakhimpur Khiri	AURANGABAD	SMF	1.91	1.58	1.00	1.78	6.26
Lakhimpur Khiri	CHAPARTALA	LMF	1.75	2.00	1.67	1.75	7.17
Lakhimpur Khiri	CHAPARTALA	SMF	1.41	1.58	1.38	1.28	5.65
Lakhimpur Khiri	MAIGALGUNJ	LMF	1.50	1.67	0.00	1.67	4.83
Lakhimpur Khiri	MAIGALGUNJ	SMF	1.58	1.89	1.50	1.33	6.30
Lakhimpur Khiri	ODRAHA	LMF	1.67	2.00	0.00	1.67	5.33
Lakhimpur Khiri	ODRAHA	SMF	1.59	2.00	0.00	1.68	5.27
Lakhimpur Khiri	PAKARIYA	LMF	1.50	1.80	1.00	1.17	5.47
Lakhimpur Khiri	PAKARIYA	SMF	1.54	1.81	1.20	1.46	6.01
Lalithpur	BALNA	LMF	1.56	1.00	1.50	1.50	5.56
Lalithpur	BALNA	SMF	1.50	1.20	1.67	1.23	5.60
Lalithpur	GORA KATHA	LMF	2.00	2.00	2.00	1.00	7.00
Lalithpur	GORA KATHA	SMF	1.79	1.41	1.92	1.00	6.11
Lalithpur	KARITORAN	LMF	1.50	2.00	0.00	1.73	5.23
Lalithpur	KARITORAN	SMF	1.50	2.00	0.00	1.50	5.00
Lalithpur	KHUTGUAN	LMF	1.67	1.57	1.67	1.44	6.35
Lalithpur	KHUTGUAN	SMF	1.50	1.86	1.63	1.36	6.34
Lalithpur	PIPARAYIA PALLI	LMF	2.00	1.94	0.00	2.00	5.94
Lalithpur	PIPARAYIA PALLI	SMF	1.94	2.00	0.00	2.00	5.94
Lalithpur	REGRAVANI	LMF	1.64	1.43	0.00	1.83	4.90
Lalithpur	REGRAVANI	SMF	1.68	1.48	2.00	1.76	6.91
Lalithpur	RIHAPUR	LMF	1.93	1.94	0.00	1.59	5.46
Lalithpur	RIHAPUR	SMF	1.93	1.94	0.00	1.59	5.46
Lalithpur	SIREN	LMF	1.82	1.75	2.00	0.88	6.46

District	Watershed	Farmer Category	Runoff Reduction	Assured Drinking Water Supply	Increase in irrigated area	Status of water harvesting structures	Total
Lalithpur	SIREN	SMF	1.75	1.50	0.00	1.00	4.25
Lalithpur	UMRIYA DONGRA	LMF	1.50	1.73	0.00	0.93	4.16
Lalithpur	UMRIYA DONGRA	SMF	1.53	1.75	2.00	1.50	6.78
Lalithpur	VYAHARPURA	LMF	1.50	2.00	0.00	1.00	4.50
Lalithpur	VYAHARPURA	SMF	1.50	1.14	0.00	1.00	3.64
Lucknow	BHAWRAKALA	LMF	0.00	0.00	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	1.69	1.85	1.50	1.42	6.46
Lucknow	CHAMARTALIYA	LMF	1.75	1.67	1.75	1.50	6.67
Lucknow	CHAMARTALIYA	SMF	1.63	1.50	1.81	1.35	6.30
Lucknow	GUSKAR	LMF	1.50	2.00	1.50	2.00	7.00
Lucknow	GUSKAR	SMF	1.56	1.85	1.50	1.14	6.05
Lucknow	KEWALI	LMF	1.50	2.00	0.00	1.00	4.50
Lucknow	KEWALI	SMF	1.62	1.97	1.62	1.86	7.06
Lucknow	SALEMPUR	LMF	1.75	1.50	2.00	1.00	6.25
Lucknow	SALEMPUR	SMF	1.88	1.89	1.83	1.25	6.85
Mahoba	REVAI	LMF	1.50	1.43	0.00	2.00	4.93
Mahoba	REVAI	SMF	1.50	1.65	2.00	1.88	7.04
Pratapghad	JARIYARI	LMF	1.60	2.00	0.00	1.10	4.70
Pratapghad	JARIYARI	SMF	1.63	1.87	0.00	1.78	5.27
Pratapghad	KOTIYAHE	LMF	1.50	2.00	0.00	1.00	4.50
Pratapghad	KOTIYAHE	SMF	1.46	2.00	2.00	1.08	6.54
Pratapghad	RATANMAI	LMF	2.00	0.00	0.00	0.50	2.50
Pratapghad	RATANMAI	SMF	1.95	1.50	1.00	1.88	6.33
Pratapghad	SACHOLI	LMF	1.50	2.00	1.50	1.58	6.58
Pratapghad	SACHOLI	SMF	1.63	2.00	2.00	1.24	6.87
Pratapghad	SINGTHI KHALSHA	LMF	1.50	2.00	0.00	1.75	5.25
Pratapghad	SINGTHI KHALSHA	SMF	1.75	2.00	2.00	1.89	7.64

District	Watershed	Farmer Category	Runoff Reduction	Assured Drinking Water Supply	Increase in irrigated area	Status of water harvesting structures	Total
Sitapur	ARBAPUR	LMF	1.39	1.91	1.88	1.56	6.74
Sitapur	ARBAPUR	SMF	1.54	1.75	2.00	1.68	6.97
Sitapur	DARIYAPUR	LMF	0.00	0.00	0.00	2.00	2.00
Sitapur	DARIYAPUR	SMF	1.65	1.94	1.67	1.58	6.84
Sitapur	GHAILA	LMF	1.75	1.75	1.50	2.00	7.00
Sitapur	GHAILA	SMF	1.72	1.95	0.00	2.00	5.68
Sitapur	JIHURA	LMF	2.00	1.40	2.00	1.25	6.65
Sitapur	JIHURA	SMF	1.94	1.81	1.86	1.63	7.24
Sitapur	MAJIYA	LMF	1.00	2.00	0.00	0.75	3.75
Sitapur	MAJIYA	SMF	1.63	2.00	1.00	1.41	6.04
Sitapur	MALETHU	LMF	0.00	0.00	0.00	0.00	-
Sitapur	MALETHU	SMF	1.50	1.92	0.00	1.63	5.05
Sitapur	MUDIYARA	LMF	0.00	2.00	0.00	1.75	3.75
Sitapur	MUDIYARA	SMF	1.58	1.94	1.00	1.64	6.16
Sitapur	NARASINDOULI	LMF	0.00	0.00	0.00	0.00	-
Sitapur	NARASINDOULI	SMF	1.50	1.74	1.75	1.64	6.63
Sitapur	PARSAPUR	LMF	1.67	2.00	0.00	1.67	5.33
Sitapur	PARSAPUR	SMF	1.67	1.77	1.85	1.44	6.73
Sitapur	TURSENA	LMF	1.50	1.50	2.00	2.00	7.00
Sitapur	TURSENA	SMF	1.79	1.83	2.00	1.68	7.29
Sonbhadra	BAHERA	LMF	1.75	0.00	1.00	1.00	3.75
Sonbhadra	BAHERA	SMF	1.38	2.00	0.00	1.17	4.54
Sonbhadra	GARAI DEEH	LMF	1.29	1.50	1.00	1.50	5.29
Sonbhadra	GARAI DEEH	SMF	1.63	1.00	1.00	1.80	5.43
Sonbhadra	JUDAVARIYA	LMF	1.98	1.63	1.17	1.88	6.65
Sonbhadra	JUDAVARIYA	SMF	2.00	1.43	1.00	2.00	6.43
Sonbhadra	KHARAIDEEH	LMF	1.50	2.00	0.00	2.00	5.50

District	Watershed	Farmer Category	Runoff Reduction	Assured Drinking Water Supply	Increase in irrigated area	Status of water harvesting structures	Total
Sonbhadra	KHARAIDEEH	SMF	1.25	0.00	0.00	2.00	3.25
Sonbhadra	SHAPER	LMF	1.13	0.00	0.00	1.10	2.23
Sonbhadra	SHAPER	SMF	1.25	1.00	0.00	0.88	3.13
Varanasi	CHILLBI LA	LMF	1.63	1.00	0.00	2.00	4.63
Varanasi	CHILLBI LA	SMF	1.50	1.95	2.00	1.73	7.18
Varanasi	GHOSAIPUR MOHAV	LMF	1.50	1.67	1.33	2.00	6.50
Varanasi	GHOSAIPUR MOHAV	SMF	1.55	1.97	1.45	1.70	6.67
Varanasi	KOTVA	LMF	1.00	0.00	0.00	1.00	2.00
Varanasi	KOTVA	SMF	1.57	2.00	0.00	1.96	5.53
Varanasi	KUDI	LMF	2.00	2.00	1.00	1.67	6.67
Varanasi	KUDI	SMF	2.00	1.88	1.25	1.81	6.94
Varanasi	SALARPUR	LMF	1.50	2.00	0.00	1.50	5.00
Varanasi	SALARPUR	SMF	1.64	1.89	1.69	1.50	6.72

Table 42 Watershed wise average scores for all sub components – Employment Generation

District	Watershed	Farmer Category	Men - Agriculture	Men - Non Agriculture	Men - Self	Women - Agriculture	Women - Non Agriculture	Women - Self	Total
Agra	BIRHARU	LMF	1.33	0.00	0.00	0.00	0.00	0.00	1.33
Agra	BIRHARU	SMF	1.50	0.92	0.00	0.56	0.00	0.00	2.98
Agra	KUKAWAR	LMF	1.00	1.00	1.00	0.50	0.00	0.00	3.50
Agra	KUKAWAR	SMF	1.43	0.80	0.75	0.52	1.00	0.00	4.50
Agra	LAHCHOURA	LMF	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Agra	LAHCHOURA	SMF	1.73	0.90	0.00	0.69	1.00	0.00	4.32
Agra	NAGALA INAMI	LMF	1.67	1.00	0.00	0.75	1.00	0.00	4.42
Agra	NAGALA INAMI	SMF	1.43	0.93	0.00	0.83	0.60	0.00	3.80
Agra	PANAUTA	LMF	1.50	1.00	0.00	0.63	0.00	0.00	3.13
Agra	PANAUTA	SMF	1.59	0.94	0.00	0.67	0.50	0.00	3.69
Agra	SIKANDARPUR	LMF	1.83	1.00	1.00	0.67	1.00	0.00	5.50
Agra	SIKANDARPUR	SMF	1.60	0.89	0.00	0.63	0.83	0.00	3.95
Agra	SYARMAU	LMF	1.00	1.00	1.00	0.50	0.00	0.00	3.50
Agra	SYARMAU	SMF	1.84	1.00	1.00	0.69	0.92	0.00	5.45
Agra	TAHARPUR	LMF	1.50	0.00	0.00	1.00	0.00	0.00	2.50
Agra	TAHARPUR	SMF	1.67	1.00	1.00	0.79	1.00	0.00	5.46
Agra	TEHARA I	LMF	1.00	1.00	1.00	0.50	0.00	0.00	3.50
Agra	TEHARA I	SMF	1.67	1.00	1.00	0.95	0.50	0.00	5.12
Agra	TEHARA II	LMF	1.82	1.00	0.00	0.88	0.00	0.00	3.69
Agra	TEHARA II	SMF	1.48	0.50	1.00	0.60	0.83	0.00	4.41
Ambedkar Nagar	AMOULI	LMF	1.86	1.00	0.00	0.67	0.00	0.00	3.52
Ambedkar Nagar	AMOULI	SMF	1.46	1.00	0.00	0.71	1.00	0.00	4.17
Ambedkar Nagar	AMROULA	LMF	1.57	1.00	0.00	0.67	1.00	0.00	4.24
Ambedkar Nagar	AMROULA	SMF	1.79	1.00	0.75	0.82	0.90	0.50	5.76
Ambedkar Nagar	DAWOODPUR	LMF	1.67	1.00	0.00	0.90	1.00	0.00	4.57

District	Watershed	Farmer Category	Men - Agriculture	Men - Non Agriculture	Men - Self	Women - Agriculture	Women - Non Agriculture	Women - Self	Total
Ambedkar Nagar	DAWOODPUR	SMF	1.54	0.96	1.00	0.79	0.80	0.00	5.10
Ambedkar Nagar	MACHLIGOAN	LMF	1.89	1.00	1.00	1.00	0.00	0.00	4.89
Ambedkar Nagar	MACHLIGOAN	SMF	1.56	0.92	0.00	0.75	1.00	0.00	4.22
Ambedkar Nagar	MIRZAPUR	LMF	1.20	0.00	0.50	0.75	0.00	0.00	2.45
Ambedkar Nagar	MIRZAPUR	SMF	1.30	0.67	0.88	0.66	1.00	0.83	5.34
Baharaich	ADAGODAVA	LMF	1.71	0.88	0.00	0.50	1.00	0.00	4.09
Baharaich	ADAGODAVA	SMF	1.55	0.81	0.00	0.75	0.82	0.00	3.93
Baharaich	AGAPUR	LMF	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Baharaich	AGAPUR	SMF	1.53	0.93	1.00	0.82	0.00	0.00	4.28
Baharaich	GHULARIYA GHAJIPUR	LMF	1.67	1.00	0.00	0.50	0.00	0.00	3.17
Baharaich	GHULARIYA GHAJIPUR	SMF	1.59	1.00	1.00	0.73	0.95	0.00	5.27
Baharaich	MOGHELA	LMF	1.50	1.00	0.00	1.00	0.00	0.00	3.50
Baharaich	MOGHELA	SMF	1.57	1.00	0.50	0.79	1.00	0.00	4.85
Baharaich	NAROTHAMPUR	LMF	1.50	0.00	0.00	0.00	0.00	0.00	1.50
Baharaich	NAROTHAMPUR	SMF	1.68	0.95	0.00	0.80	1.00	0.00	4.44
Baharaich	RAJWAPUR	LMF	1.40	1.00	1.00	0.67	0.00	0.00	4.07
Baharaich	RAJWAPUR	SMF	1.65	0.96	1.00	0.70	0.00	0.00	4.31
Baharaich	SARAI ALI	LMF	1.50	0.00	1.00	0.50	0.50	0.00	3.50
Baharaich	SARAI ALI	SMF	1.00	0.75	1.00	0.50	0.00	1.00	4.25
Baharaich	SARRAKALA	LMF	1.00	0.50	0.00	0.00	0.00	0.00	1.50
Baharaich	SARRAKALA	SMF	1.57	0.92	0.00	0.87	1.00	0.00	4.35
Baharaich	SATHJORE	LMF	1.00	0.00	1.00	0.00	0.00	0.00	2.00
Baharaich	SATHJORE	SMF	1.59	0.96	1.00	0.94	1.00	0.00	5.48
Baharaich	TEJWAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	1.68	0.86	0.50	0.69	0.88	0.50	5.11
Balrampur	BADAGAON	LMF	1.00	0.00	1.00	0.00	0.00	0.00	2.00
Balrampur	BADAGAON	SMF	1.64	0.92	0.00	0.72	0.00	0.00	3.28

District	Watershed	Farmer Category	Men - Agriculture	Men - Non Agriculture	Men - Self	Women - Agriculture	Women - Non Agriculture	Women - Self	Total
Balrampur	BELOKEPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	BELOKEPUR	SMF	1.45	0.85	0.00	0.77	0.95	0.00	4.02
Balrampur	LAHERI	LMF	2.00	1.00	0.50	0.80	1.00	0.00	5.30
Balrampur	LAHERI	SMF	1.58	0.92	0.00	0.81	1.00	0.00	4.31
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	1.67	0.90	0.00	0.79	0.90	0.00	4.25
Balrampur	NAVANAGAR	LMF	2.00	1.00	0.00	0.00	1.00	0.00	4.00
Balrampur	NAVANAGAR	SMF	1.55	0.94	0.00	0.72	1.00	0.00	4.21
Chandoli	BARTHRAKALA	LMF	1.67	0.00	1.00	0.00	0.00	0.00	2.67
Chandoli	BARTHRAKALA	SMF	1.80	1.00	0.00	1.00	1.00	0.00	4.80
Chandoli	BASANTHPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Chandoli	BASANTHPUR	SMF	0.00	1.00	0.00	0.00	0.00	0.00	1.00
Chandoli	KHALBHAL	LMF	1.45	0.00	0.00	0.67	0.00	0.00	2.12
Chandoli	KHALBHAL	SMF	2.00	0.00	0.00	0.50	0.00	0.00	2.50
Chandoli	PREMAPUR	LMF	2.00	0.92	0.00	0.71	1.00	0.00	4.63
Chandoli	PREMAPUR	SMF	1.75	1.00	0.00	0.69	1.00	0.00	4.44
Chandoli	YOGIYAKALA	LMF	1.00	0.71	0.00	0.80	0.75	0.00	3.26
Chandoli	YOGIYAKALA	SMF	0.00	0.50	0.00	0.00	0.50	0.00	1.00
Hamirpur	BEELPUR	LMF	1.75	0.92	0.00	0.86	0.92	0.00	4.45
Hamirpur	BEELPUR	SMF	1.71	0.85	1.00	0.94	0.84	0.00	5.35
Hamirpur	BHAUNIA	LMF	1.71	0.92	0.00	0.75	1.00	0.00	4.38
Hamirpur	BHAUNIA	SMF	1.77	0.85	1.00	0.79	0.75	0.00	5.15
Hamirpur	GHAULI	LMF	1.21	0.88	1.00	0.56	0.88	0.00	4.54
Hamirpur	GHAULI	SMF	1.06	0.81	0.00	0.60	0.81	0.00	3.29
Hamirpur	GOURIBADANPUR	LMF	1.20	0.67	0.00	0.60	1.00	0.00	3.47
Hamirpur	GOURIBADANPUR	SMF	1.85	0.96	0.75	0.86	1.00	0.50	5.93
Hamirpur	ICHAULI	LMF	1.60	0.50	0.75	0.75	0.00	0.00	3.60

District	Watershed	Farmer Category	Men - Agriculture	Men - Non Agriculture	Men - Self	Women - Agriculture	Women - Non Agriculture	Women - Self	Total
Hamirpur	ICHAULI	SMF	1.43	0.81	0.50	0.81	1.00	0.00	4.55
Hamirpur	KUMHOUPUR	LMF	1.70	0.88	0.00	0.71	0.83	0.00	4.12
Hamirpur	KUMHOUPUR	SMF	1.74	0.95	1.00	0.70	0.81	0.00	5.21
Hamirpur	MOUHER	LMF	1.55	0.75	0.00	0.70	0.57	0.00	3.57
Hamirpur	MOUHER	SMF	1.35	0.88	1.00	0.69	0.69	0.00	4.61
Hamirpur	NADEHRA	LMF	1.64	1.00	0.00	0.94	0.00	0.00	3.59
Hamirpur	NADEHRA	SMF	1.56	1.00	0.00	0.69	1.00	0.00	4.24
Hamirpur	PAREHATA	LMF	1.37	0.86	0.00	0.63	0.92	0.00	3.77
Hamirpur	PAREHATA	SMF	1.36	0.80	0.00	0.58	1.00	0.00	3.75
Jalaun	BETWA RIVER	LMF	1.60	0.50	0.50	0.60	0.50	0.00	3.70
Jalaun	BETWA RIVER	SMF	1.50	0.94	0.00	0.70	0.80	0.00	3.94
Jalaun	CHILLI	LMF	1.44	1.00	1.00	0.93	1.00	0.00	5.37
Jalaun	CHILLI	SMF	1.60	0.00	0.50	1.00	0.00	0.00	3.10
Jalaun	JAISARI	LMF	2.00	1.00	0.00	0.50	0.00	1.00	4.50
Jalaun	JAISARI	SMF	1.67	0.93	0.67	0.63	0.75	0.67	5.30
Jalaun	NIPANIA	LMF	0.00	0.00	0.00	0.00	0.50	0.00	0.50
Jalaun	NIPANIA	SMF	1.45	0.50	0.00	0.86	0.75	0.00	3.56
Jalaun	SARAINI	LMF	1.25	1.00	0.00	0.63	1.00	0.00	3.88
Jalaun	SARAINI	SMF	1.33	0.67	0.00	0.67	0.50	0.00	3.17
Jhansi	HATI	LMF	1.58	0.92	0.00	0.69	0.90	0.00	4.09
Jhansi	HATI	SMF	1.71	1.00	0.00	0.73	0.94	0.00	4.38
Jhansi	LABHERA	LMF	1.50	1.00	0.00	0.50	0.50	0.00	3.50
Jhansi	LABHERA	SMF	1.38	0.94	0.00	0.69	0.50	0.00	3.51
Jhansi	NAKERA	LMF	1.55	0.89	1.00	0.50	1.00	0.00	4.93
Jhansi	NAKERA	SMF	1.33	0.88	0.00	0.83	0.93	0.00	3.97
Jhansi	PATHA I	LMF	1.38	0.92	1.00	0.76	1.00	0.00	5.07
Jhansi	PATHA I	SMF	1.29	0.81	0.00	0.82	0.94	0.00	3.87

District	Watershed	Farmer Category	Men - Agriculture	Men - Non Agriculture	Men - Self	Women - Agriculture	Women - Non Agriculture	Women - Self	Total
Jhansi	SUKWA	LMF	1.25	0.75	0.00	1.00	1.00	0.00	4.00
Jhansi	SUKWA	SMF	1.64	0.96	0.00	0.95	0.89	0.00	4.44
Lakhimpur Khiri	AURANGABAD	LMF	1.67	0.50	0.00	0.00	0.00	0.00	2.17
Lakhimpur Khiri	AURANGABAD	SMF	1.38	0.50	0.75	0.75	0.00	0.00	3.38
Lakhimpur Khiri	CHAPARTALA	LMF	1.00	0.00	1.00	0.50	0.00	0.00	2.50
Lakhimpur Khiri	CHAPARTALA	SMF	1.46	0.94	0.00	0.70	0.80	0.00	3.91
Lakhimpur Khiri	MAIGALGUNJ	LMF	2.00	1.00	0.00	0.00	0.00	0.00	3.00
Lakhimpur Khiri	MAIGALGUNJ	SMF	1.71	1.00	0.00	0.75	0.00	0.00	3.46
Lakhimpur Khiri	ODRAHA	LMF	1.33	0.00	0.00	1.00	0.00	0.00	2.33
Lakhimpur Khiri	ODRAHA	SMF	1.08	0.90	0.00	1.00	0.00	0.00	2.98
Lakhimpur Khiri	PAKARIYA	LMF	1.67	0.00	0.00	1.00	1.00	0.00	3.67
Lakhimpur Khiri	PAKARIYA	SMF	1.71	0.79	1.00	0.63	0.86	0.50	5.49
Lalithpur	BALNA	LMF	1.33	0.71	0.00	0.67	0.83	0.00	3.55
Lalithpur	BALNA	SMF	1.29	0.86	1.00	0.73	0.80	1.00	5.68
Lalithpur	GORA KATHA	LMF	2.00	1.00	0.00	1.00	1.00	0.00	5.00
Lalithpur	GORA KATHA	SMF	1.63	0.80	1.00	0.79	0.92	0.00	5.14
Lalithpur	KARITORAN	LMF	1.88	0.94	0.50	1.00	0.95	0.50	5.77
Lalithpur	KARITORAN	SMF	1.60	0.81	0.50	0.90	0.93	0.50	5.24
Lalithpur	KHUTGUAN	LMF	1.58	1.00	0.50	0.83	0.70	1.00	5.62
Lalithpur	KHUTGUAN	SMF	1.54	0.86	0.00	0.75	0.90	0.00	4.05
Lalithpur	PIPARAYIA PALLI	LMF	1.60	1.00	0.50	0.85	0.75	0.00	4.70
Lalithpur	PIPARAYIA PALLI	SMF	1.80	1.00	1.00	0.50	0.00	0.00	4.30
Lalithpur	REGRAVANI	LMF	1.58	0.83	0.50	0.91	1.00	0.50	5.33
Lalithpur	REGRAVANI	SMF	1.72	0.86	0.50	0.90	0.94	0.50	5.42
Lalithpur	RIHAPUR	LMF	1.57	1.00	0.00	0.68	0.83	0.00	4.09
Lalithpur	RIHAPUR	SMF	1.57	1.00	0.00	0.68	0.83	0.00	4.09
Lalithpur	SIREN	LMF	1.00	0.64	0.00	0.50	0.88	0.00	3.01

District	Watershed	Farmer Category	Men - Agriculture	Men - Non Agriculture	Men - Self	Women - Agriculture	Women - Non Agriculture	Women - Self	Total
Lalithpur	SIREN	SMF	1.40	0.60	0.00	0.50	0.90	0.00	3.40
Lalithpur	UMRIYA DONGRA	LMF	1.91	1.00	0.00	0.78	1.00	0.00	4.69
Lalithpur	UMRIYA DONGRA	SMF	1.76	0.91	1.00	0.81	0.94	0.00	5.42
Lalithpur	VYAHARPURA	LMF	1.33	0.75	1.00	0.67	1.00	0.00	4.75
Lalithpur	VYAHARPURA	SMF	1.89	0.94	0.00	0.94	1.00	0.00	4.78
Lucknow	BHAWRAKALA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	1.73	0.96	0.00	0.75	0.83	0.00	4.27
Lucknow	CHAMARTALIYA	LMF	2.00	0.00	1.00	0.50	0.00	0.00	3.50
Lucknow	CHAMARTALIYA	SMF	1.81	0.88	0.50	0.92	0.83	0.00	4.93
Lucknow	GUSKAR	LMF	1.75	1.00	1.00	0.88	1.00	0.00	5.63
Lucknow	GUSKAR	SMF	1.25	0.75	0.00	0.67	0.70	0.50	3.87
Lucknow	KEWALI	LMF	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Lucknow	KEWALI	SMF	1.63	0.91	0.50	0.85	0.88	0.00	4.76
Lucknow	SALEMPUR	LMF	1.50	1.00	0.00	0.75	0.00	0.00	3.25
Lucknow	SALEMPUR	SMF	1.38	0.75	0.00	0.67	0.92	0.00	3.72
Mahoba	REVAI	LMF	1.50	1.00	0.00	0.90	1.00	0.00	4.40
Mahoba	REVAI	SMF	1.46	0.87	0.00	0.89	0.94	0.00	4.16
Pratapghad	JARIYARI	LMF	1.50	1.00	1.00	0.00	0.00	0.00	3.50
Pratapghad	JARIYARI	SMF	1.33	1.00	1.00	0.50	0.00	0.00	3.83
Pratapghad	KOTIYAHE	LMF	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Pratapghad	KOTIYAHE	SMF	1.45	0.83	0.86	1.00	0.00	0.00	4.15
Pratapghad	RATANMAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Pratapghad	RATANMAI	SMF	1.68	0.95	1.00	0.79	0.92	0.00	5.34
Pratapghad	SACHOLI	LMF	2.00	0.83	0.00	0.50	0.00	0.00	3.33
Pratapghad	SACHOLI	SMF	1.75	0.89	0.00	0.90	0.83	0.00	4.37
Pratapghad	SINGTHI KHALSHA	LMF	2.00	1.00	0.50	1.00	0.00	0.00	4.50
Pratapghad	SINGTHI KHALSHA	SMF	1.71	1.00	0.50	0.72	0.75	1.00	5.69

District	Watershed	Farmer Category	Men - Agriculture	Men - Non Agriculture	Men - Self	Women - Agriculture	Women - Non Agriculture	Women - Self	Total
Sitapur	ARBAPUR	LMF	1.50	0.88	0.00	0.50	0.50	0.00	3.38
Sitapur	ARBAPUR	SMF	1.75	0.72	0.00	0.80	0.70	0.00	3.97
Sitapur	DARIYAPUR	LMF	0.00	1.00	0.00	0.00	0.00	0.00	1.00
Sitapur	DARIYAPUR	SMF	1.69	0.90	0.00	0.88	0.92	0.50	4.88
Sitapur	GHAILA	LMF	1.00	0.83	0.75	0.00	0.67	0.50	3.75
Sitapur	GHAILA	SMF	1.89	0.93	0.50	0.95	0.92	0.00	5.18
Sitapur	JIHURA	LMF	1.50	0.00	0.75	0.50	0.00	0.50	3.25
Sitapur	JIHURA	SMF	1.38	0.82	0.50	0.66	1.00	0.50	4.86
Sitapur	MAJIYA	LMF	1.50	1.00	0.00	0.00	0.00	0.00	2.50
Sitapur	MAJIYA	SMF	1.57	0.86	0.00	0.71	0.57	0.00	3.72
Sitapur	MALETHU	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Sitapur	MALETHU	SMF	1.40	0.64	0.50	0.55	0.67	0.00	3.75
Sitapur	MUDIYARA	LMF	2.00	0.00	0.00	0.00	1.00	0.00	3.00
Sitapur	MUDIYARA	SMF	1.50	0.90	1.00	0.79	0.88	0.00	5.06
Sitapur	NARASINDOULI	LMF	2.00	0.00	0.00	0.00	1.00	1.00	4.00
Sitapur	NARASINDOULI	SMF	1.45	0.73	1.00	0.79	0.86	0.00	4.83
Sitapur	PARSAPUR	LMF	2.00	1.00	0.00	0.00	1.00	0.00	4.00
Sitapur	PARSAPUR	SMF	1.53	0.92	1.00	0.71	0.82	0.00	4.99
Sitapur	TURSENA	LMF	2.00	0.00	0.00	0.00	0.00	0.00	2.00
Sitapur	TURSENA	SMF	1.70	1.00	0.00	0.83	0.00	0.00	3.53
Sonbhadra	BAHERA	LMF	1.00	1.00	0.00	0.75	0.88	0.00	3.63
Sonbhadra	BAHERA	SMF	1.67	0.80	0.00	0.88	0.88	0.00	4.22
Sonbhadra	GARAI DEEH	LMF	1.63	0.94	0.00	0.83	0.90	0.00	4.30
Sonbhadra	GARAI DEEH	SMF	1.75	0.70	0.00	1.00	1.00	0.00	4.45
Sonbhadra	JUDAVARIYA	LMF	1.38	0.00	1.00	0.67	1.00	0.00	4.04
Sonbhadra	JUDAVARIYA	SMF	1.43	0.00	0.00	0.83	0.00	0.00	2.26
Sonbhadra	KHARAIDEEH	LMF	2.00	0.75	0.00	0.88	0.63	0.00	4.25

District	Watershed	Farmer Category	Men - Agriculture	Men - Non Agriculture	Men - Self	Women - Agriculture	Women - Non Agriculture	Women - Self	Total
Sonbhadra	KHARAIDEEH	SMF	1.50	0.63	0.00	0.50	0.50	0.00	3.13
Sonbhadra	SHAPER	LMF	1.00	0.67	0.00	0.00	0.50	0.00	2.17
Sonbhadra	SHAPER	SMF	1.29	0.89	0.00	0.50	1.00	0.00	3.68
Varanasi	CHILLBI LA	LMF	1.25	0.83	0.00	0.75	1.00	0.00	3.83
Varanasi	CHILLBI LA	SMF	1.21	0.80	0.00	0.58	0.78	0.00	3.37
Varanasi	GHOSAIPUR MOHAV	LMF	2.00	1.00	0.00	0.83	1.00	0.00	4.83
Varanasi	GHOSAIPUR MOHAV	SMF	1.80	0.78	0.00	0.82	0.78	0.00	4.18
Varanasi	KOTVA	LMF	2.00	1.00	0.00	0.00	0.00	0.00	3.00
Varanasi	KOTVA	SMF	1.72	0.97	0.50	0.65	1.00	0.00	4.84
Varanasi	KUDI	LMF	1.00	0.00	0.00	1.00	0.00	0.00	2.00
Varanasi	KUDI	SMF	1.50	1.00	0.75	0.83	0.00	0.00	4.08
Varanasi	SALARPUR	LMF	1.00	0.50	0.00	0.00	0.00	0.00	1.50
Varanasi	SALARPUR	SMF	1.55	0.70	0.50	0.72	0.75	0.00	4.22

Table 43 Watershed wise average scores for all sub components – Maintenance of CPRs

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs - Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Agra	BIRHARU	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	BIRHARU	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Agra	KUKAWAR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	KUKAWAR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Agra	LAHCHOURA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	LAHCHOURA	SMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	5.00
Agra	NAGALA INAMI	LMF	1.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	5.00
Agra	NAGALA INAMI	SMF	1.00	1.00	1.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	7.00
Agra	PANAUTA	LMF	0.00	0.00	1.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00
Agra	PANAUTA	SMF	0.00	0.00	1.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	5.00
Agra	SIKANDARPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	SIKANDARPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	SYARMAU	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	SYARMAU	SMF	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
Agra	TAHARPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	TAHARPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	TEHARA I	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Agra	TEHARA I	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Agra	TEHARA II	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Agra	TEHARA II	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	2.00	6.00
Ambedkar Nagar	AMOULI	LMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	5.00
Ambedkar Nagar	AMOULI	SMF	1.00	0.00	1.00	0.00	1.00	1.78	0.00	0.00	0.00	2.00	6.78
Ambedkar Nagar	AMROULA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs 0.00 Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Ambedkar Nagar	AMROULA	SMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Ambedkar Nagar	DAWOODPUR	LMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	3.00
Ambedkar Nagar	DAWOODPUR	SMF	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	2.00	0.00	4.00
Ambedkar Nagar	MACHLIGOAN	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Ambedkar Nagar	MACHLIGOAN	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Ambedkar Nagar	MIRZAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Ambedkar Nagar	MIRZAPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Baharaich	ADAGODAVA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	ADAGODAVA	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	0.00	4.00
Baharaich	AGAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	AGAPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Baharaich	GHULARIYA GHAJIPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	GHULARIYA GHAJIPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	MOGHELA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Baharaich	MOGHELA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Baharaich	NAROTHAMPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Baharaich	NAROTHAMPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	RAJWAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Baharaich	RAJWAPUR	SMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	4.00
Baharaich	SARAI ALI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	SARAI ALI	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00
Baharaich	SARRAKALA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	SARRAKALA	SMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Baharaich	SATHJORE	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs 0.00 Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Baharaich	SATHJORE	SMF	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00	4.00
Baharaich	TEJWAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	1.00	1.00	1.00	0.00	0.00	2.00	1.00	0.00	1.62	1.00	8.62
Balrampur	BADAGAON	LMF	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
Balrampur	BADAGAON	SMF	0.00	0.00	0.00	0.00	1.00	2.00	0.00	2.00	0.00	1.00	6.00
Balrampur	BELOKEPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	BELOKEPUR	SMF	1.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00	2.00	0.00	8.00
Balrampur	LAHERI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
Balrampur	LAHERI	SMF	1.50	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.57	0.00	5.07
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00	2.00	0.00	5.00
Balrampur	NAVANAGAR	LMF	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	4.00
Balrampur	NAVANAGAR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	4.00
Chandouli	BARTHRAKALA	LMF	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	3.00
Chandouli	BARTHRAKALA	SMF	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	3.00
Chandouli	BASANTHPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Chandouli	BASANTHPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Chandouli	KHALBHAL	LMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	0.00	4.00
Chandouli	KHALBHAL	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00
Chandouli	PREMAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	0.00	1.75
Chandouli	PREMAPUR	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00	2.00	2.00	7.00
Chandouli	YOGIYAKALA	LMF	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	1.50	3.50
Chandouli	YOGIYAKALA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Hamirpur	BEELPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs 0.00 Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Hamirpur	BEELPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Hamirpur	BHAUNIA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Hamirpur	BHAUNIA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Hamirpur	GHAULI	LMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	5.00
Hamirpur	GHAULI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Hamirpur	GOURIBADANPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Hamirpur	GOURIBADANPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Hamirpur	ICHAULI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Hamirpur	ICHAULI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75	1.00	2.75
Hamirpur	KUMHOUPUR	LMF	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	2.00	1.50	5.17
Hamirpur	KUMHOUPUR	SMF	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	2.00	1.00	4.67
Hamirpur	MOUHER	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	4.00
Hamirpur	MOUHER	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	1.80	5.80
Hamirpur	NADEHRA	LMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Hamirpur	NADEHRA	SMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Hamirpur	PAREHATA	LMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	4.00
Hamirpur	PAREHATA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Jalaun	BETWA RIVER	LMF	1.00	1.75	1.25	1.00	1.00	1.00	0.00	1.00	0.00	0.00	8.00
Jalaun	BETWA RIVER	SMF	1.00	1.60	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	5.60
Jalaun	CHILLI	LMF	1.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	0.00	5.00
Jalaun	CHILLI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Jalaun	JAISARI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Jalaun	JAISARI	SMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	2.00
Jalaun	NIPANIA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs 0.00 Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Jalaun	NIPANIA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Jalaun	SARAINI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Jalaun	SARAINI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Jhansi	HATI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Jhansi	HATI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Jhansi	LABHERA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	4.00
Jhansi	LABHERA	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	2.00	6.00
Jhansi	NAKERA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Jhansi	NAKERA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Jhansi	PATHA I	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Jhansi	PATHA I	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Jhansi	SUKWA	LMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
Jhansi	SUKWA	SMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
Lakhimpur Khiri	AURANGABAD	LMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Lakhimpur Khiri	AURANGABAD	SMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	3.00
Lakhimpur Khiri	CHAPARTALA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lakhimpur Khiri	CHAPARTALA	SMF	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00
Lakhimpur Khiri	MAIGALGUNJ	LMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	2.50
Lakhimpur Khiri	MAIGALGUNJ	SMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.33	0.00	2.33
Lakhimpur Khiri	ODRAHA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lakhimpur Khiri	ODRAHA	SMF	0.00	0.00	0.00	0.00	0.00	2.00	1.50	0.00	2.00	2.00	7.50
Lakhimpur Khiri	PAKARIYA	LMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	0.00	4.00
Lakhimpur Khiri	PAKARIYA	SMF	1.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	1.00	6.00
Lalithpur	BALNA	LMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	6.00

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs 0.00 Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Lalithpur	BALNA	SMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.86	2.00	5.86
Lalithpur	GORA KATHA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lalithpur	GORA KATHA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lalithpur	KARITORAN	LMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
Lalithpur	KARITORAN	SMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	5.00
Lalithpur	KHUTG UAN	LMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	3.00
Lalithpur	KHUTG UAN	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Lalithpur	PIPARAYIA PALLI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lalithpur	PIPARAYIA PALLI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lalithpur	REGRAVANI	LMF	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	1.25	1.00	8.25
Lalithpur	REGRAVANI	SMF	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	6.00
Lalithpur	RIHAPUR	LMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Lalithpur	RIHAPUR	SMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Lalithpur	SIREN	LMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	5.00
Lalithpur	SIREN	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Lalithpur	UMRIYA DONGRA	LMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00
Lalithpur	UMRIYA DONGRA	SMF	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	4.00
Lalithpur	VYAHARPURA	LMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
Lalithpur	VYAHARPURA	SMF	1.22	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.44
Lucknow	BHAWRAKALA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	0.00	0.00	0.00	0.00	1.00	1.50	2.00	0.00	1.33	1.75	7.58
Lucknow	CHAMARTALIYA	LMF	1.00	1.00	1.00	0.00	0.00	2.00	2.00	0.00	2.00	0.00	9.00
Lucknow	CHAMARTALIYA	SMF	1.00	1.00	1.00	0.00	1.17	1.71	1.67	0.00	1.75	2.00	11.30
Lucknow	GUSKAR	LMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	4.00

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs 0.00 Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Lucknow	GUSKAR	SMF	1.00	1.00	0.00	0.00	0.00	2.00	0.00	0.00	1.25	0.00	5.25
Lucknow	KEWALI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lucknow	KEWALI	SMF	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	3.00
Lucknow	SALEMPUR	LMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	5.00
Lucknow	SALEMPUR	SMF	1.00	1.00	1.00	0.00	0.00	0.00	2.00	0.00	1.43	0.00	6.43
Mahoba	REVAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Mahoba	REVAI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Pratapghad	JARIYARI	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.00	2.00	5.00
Pratapghad	JARIYARI	SMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	2.00	4.67
Pratapghad	KOTIYAHE	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Pratapghad	KOTIYAHE	SMF	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	4.00
Pratapghad	RATANMAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Pratapghad	RATANMAI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.67	2.67
Pratapghad	SACHOLI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Pratapghad	SACHOLI	SMF	0.00	0.00	0.00	0.00	0.00	2.00	1.00	0.00	2.00	0.00	5.00
Pratapghad	SINGTHI KHALSHA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Pratapghad	SINGTHI KHALSHA	SMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.86	1.00	5.86
Sitapur	ARBAPUR	LMF	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	2.00	0.00	6.00
Sitapur	ARBAPUR	SMF	0.00	0.00	0.00	0.00	1.00	2.00	2.00	0.00	2.00	0.00	7.00
Sitapur	DARIYAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00
Sitapur	DARIYAPUR	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	4.00
Sitapur	GHAILA	LMF	0.00	0.00	0.00	0.00	1.00	2.00	0.00	0.00	2.00	2.00	7.00
Sitapur	GHAILA	SMF	0.00	0.00	0.00	2.00	1.00	2.00	0.00	0.00	1.80	1.62	8.42
Sitapur	JIHURA	LMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	3.00

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs 0.00 Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Sitapur	JIHURA	SMF	1.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	1.08	1.00	6.08
Sitapur	MAJIYA	LMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	4.00
Sitapur	MAJIYA	SMF	1.00	0.00	1.00	0.00	1.00	2.00	1.00	0.00	1.25	1.50	8.75
Sitapur	MALETHU	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Sitapur	MALETHU	SMF	1.00	1.00	1.00	0.00	0.00	2.00	1.33	0.00	1.24	2.00	9.57
Sitapur	MUDIYARA	LMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	2.00
Sitapur	MUDIYARA	SMF	1.00	0.00	0.00	0.00	1.00	2.00	2.00	0.00	1.11	1.67	8.78
Sitapur	NARASINDOULI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Sitapur	NARASINDOULI	SMF	1.00	0.00	1.00	1.40	1.00	1.00	1.67	0.00	1.00	1.75	9.82
Sitapur	PARSAPUR	LMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2.00	0.00	3.00
Sitapur	PARSAPUR	SMF	0.00	0.00	0.00	0.00	1.00	2.00	1.00	1.00	1.50	0.00	6.50
Sitapur	TURSENA	LMF	1.00	1.00	1.00	0.00	0.00	2.00	2.00	0.00	2.00	2.00	11.00
Sitapur	TURSENA	SMF	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	1.67	2.00	6.67
Sonbhadra	BAHERA	LMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Sonbhadra	BAHERA	SMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Sonbhadra	GARAI DEEH	LMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.00	3.50
Sonbhadra	GARAI DEEH	SMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	4.00
Sonbhadra	JUDAVARIYA	LMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.25	3.25
Sonbhadra	JUDAVARIYA	SMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	1.00	3.00
Sonbhadra	KHARAI DEEH	LMF	1.00	1.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	1.00	7.00
Sonbhadra	KHARAI DEEH	SMF	1.00	1.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00	6.00
Sonbhadra	SHAPER	LMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	4.00
Sonbhadra	SHAPER	SMF	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.25	0.00	4.25
Varanasi	CHILLBILA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00

District	Watershed	Farmer Category	Community Lands - Fodder	Community Lands - Fuel	Community Lands - Manure	Water bodies - Fish (increase in catch)	Maintenance of CPRs - Women Participation	Maintenance of CPRs - Social Fencing of community lands	Maintenance of CPRs 0.00 Staggered grazing	Maintenance of CPRs - Improvement in vegetation	Maintenance of CPRs - Periodical Desilting	Maintenance of CPRs - Maintenance of retention well	Total
Varanasi	CHILLBILA	SMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	7.00
Varanasi	GHOSAIPUR MOHAV	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	2.00
Varanasi	GHOSAIPUR MOHAV	SMF	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	0.00	4.00
Varanasi	KOTVA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Varanasi	KOTVA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.00	1.20
Varanasi	KUDI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Varanasi	KUDI	SMF	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	3.00
Varanasi	SALARPUR	LMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Varanasi	SALARPUR	SMF	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	2.00

Table 44 Watershed wise average scores for all sub components – Diversification of agriculture

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d bree d in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
Agra	BIRHAR U	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.94	0.00	0.00	0.00	0.00	0.89	0.00	1.00	0.94	0.56	5.11	
Agra	BIRHAR U	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.66	0.84	0.00	0.00	0.00	0.00	0.59	0.50	1.04	0.91	0.54	5.57	
Agra	KUKAW AR	LMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.75	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.50	6.25	
Agra	KUKAW AR	SMF	0.00	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.63	0.63	0.00	0.00	0.50	0.00	0.55	0.55	1.00	0.98	0.52	6.37	
Agra	LAHCHO URA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.50	5.25	
Agra	LAHCHO URA	SMF	0.00	0.50	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.89	1.00	0.00	0.00	0.00	0.94	0.50	1.06	0.81	0.50	8.11	
Agra	NAGALA INAMI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.63	0.00	0.00	0.00	0.00	1.00	0.00	1.25	1.00	0.50	5.25	
Agra	NAGALA INAMI	SMF	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.95	0.00	0.00	0.00	0.00	0.57	0.50	1.00	0.78	0.50	6.02	
Agra	PANAUT A	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.75	0.00	0.00	0.00	0.00	0.67	0.00	0.80	0.75	0.36	4.04	
Agra	PANAUT A	SMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.91	0.00	0.00	0.00	0.00	0.96	0.63	1.00	0.92	0.50	6.59	
Agra	SIKANDA RPUR	LMF	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.75	1.00	1.00	0.75	0.50	6.50	
Agra	SIKANDA RPUR	SMF	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	1.00	1.00	0.00	0.00	0.00	0.69	0.50	1.06	0.84	0.50	7.08	
Agra	SYARMA U	LMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.75	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.50	6.25	
Agra	SYARMA U	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.98	1.00	0.00	0.00	0.00	0.74	0.50	1.00	0.82	0.50	6.53	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
Agra	TAHARP UR	LMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.50	6.50
Agra	TAHARP UR	SMF	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	1.00	0.92	0.75	0.00	0.00	0.00	0.00	1.00	0.50	1.04	0.93	0.66	7.80
Agra	TEHARA I	LMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.75	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.50	6.25
Agra	TEHARA I	SMF	0.00	0.50	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.50	1.00	0.87	0.00	0.00	0.50	0.00	0.50	0.94	0.50	1.06	0.97	0.69	8.54
Agra	TEHARA II	LMF	0.50	0.79	0.50	0.67	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.96	0.00	0.00	0.00	0.00	0.92	0.50	1.00	0.95	0.64	9.26	
Agra	TEHARA II	SMF	0.50	0.63	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.91	0.00	0.00	0.00	0.00	0.93	0.50	1.00	0.92	0.58	7.87	
Amb edkar Naga r	AMOULI	LMF	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	1.00	1.00	0.00	0.00	0.00	0.83	0.50	1.00	1.00	0.56	7.34	
Amb edkar Naga r	AMOULI	SMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.89	1.00	0.00	0.00	0.00	0.88	0.64	1.08	0.98	0.50	7.74	
Amb edkar Naga r	AMROUL A	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.94	0.00	0.00	0.00	0.00	1.00	0.50	1.13	1.00	0.79	7.35	
Amb edkar Naga r	AMROUL A	SMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.98	0.93	1.00	0.00	0.00	0.00	0.98	0.50	1.10	0.97	0.73	8.69	
Amb edkar Naga	DAWOO DPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.67	0.00	0.00	0.00	0.00	0.92	0.50	1.00	0.50	0.00	4.42	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
Amb edkar Naga r	DAWOO DPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.85	0.00	0.00	0.00	0.00	0.90	0.60	1.00	0.58	0.58	5.46	
Amb edkar Naga r	MACHLI GOAN	LMF	0.00	0.67	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.11	0.78	0.50	6.94	
Amb edkar Naga r	MACHLI GOAN	SMF	0.00	0.55	0.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.93	1.00	0.00	0.00	0.00	0.93	1.00	1.00	0.84	0.50	9.13	
Amb edkar Naga r	MIRZAP UR	LMF	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00	0.00	0.00	0.90	0.00	1.00	1.00	0.50	7.90	
Amb edkar Naga r	MIRZAP UR	SMF	0.00	1.00	1.00	1.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.68	0.95	0.50	0.00	0.50	0.00	0.90	0.75	1.03	0.97	0.54	10.92	
Baha raich	ADAGOD AVA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.60	0.50	0.00	0.00	0.00	0.63	0.50	1.00	0.75	0.50	5.31	
Baha raich	ADAGOD AVA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.85	0.57	0.50	0.00	0.00	0.00	0.94	0.58	1.38	0.70	0.67	6.69	
Baha raich	AGAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.50	5.00	
Baha raich	AGAPUR	SMF	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.85	0.78	0.50	0.00	0.00	0.00	0.84	0.50	1.23	0.73	0.70	7.12	
Baha	GHULARI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.50	0.00	0.00	0.00	0.00	1.00	0.50	1.00	0.50	0.00	4.00	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
raich	YA GHAJIPU R		00				0		0					0	0	00								0	0	50
Baha raich	GHULARI YA GHAJIPU R	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0	0.5	1. 00	0.00	0.00	0.0	0.0	0.71	0.50	1.00	0.6	1.0	6. 35
Baha raich	MOGHEL A	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9	0.8	1. 00	0.00	0.00	0.0	0.0	0.90	0.50	1.00	1.0	0.6	6. 70
Baha raich	MOGHEL A	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.5	0.6	1. 00	0.00	0.00	0.0	0.0	0.70	0.53	1.14	0.7	0.5	5. 88
Baha raich	NAROTH AMPUR	LMF	0. 00	0.00	0.00	1.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0	1.0	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	1.00	1.0	0.5	6. 50
Baha raich	NAROTH AMPUR	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.6	0.6	0. 50	0.00	0.00	0.0	0.0	0.72	0.50	1.67	0.7	0.6	6. 06
Baha raich	RAJWAP UR	LMF	0. 00	0.00	0.00	0.00	0.5	0.00	0.0	0.00	0.00	0.00	0.00	0.7	0.6	0. 67	0.00	0.00	0.0	0.0	1.00	0.50	1.09	1.0	0.6	6. 73
Baha raich	RAJWAP UR	SMF	0. 00	0.00	0.00	0.00	0.5	0.00	0.0	0.00	0.00	0.00	0.00	0.6	0.5	0. 56	0.00	0.00	0.0	0.0	0.83	0.50	1.11	0.8	0.6	6. 18
Baha raich	SARAI ALI	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.5	1.0	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	1.00	0.6	0.5	4. 67
Baha raich	SARAI ALI	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.7	0.9	0. 00	0.00	0.00	0.0	0.5	0.84	0.50	1.06	0.9	0.5	6. 09
Baha raich	SARRAK ALA	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0	1.0	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	1.00	0.5	0.0	4. 50
Baha raich	SARRAK ALA	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.8	0.5	0. 00	0.00	0.00	0.0	1.0	0.91	0.59	1.06	0.6	0.8	6. 55
Baha raich	SATHJOR E	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.8	0.0	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	1.00	1.0	0.5	4. 33
Baha	SATHJOR	SMF	0.	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.7	0.7	0.	0.70	0.00	0.0	0.0	0.80	0.50	1.28	0.8	0.5	6.

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
raich	E		00				0		0					9	1	00								3	5	14
Baha raich	TEJWAP UR	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.0 0	0.0 0	0. 00	0.00	0.0 0	0.0 0	0.0 0	0.00	0.00	0.00	0.0 0	0.0 0	-
Baha raich	TEJWAP UR	SMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.8 8	0.7 9	0. 00	0.00	0.0 0	0.5 0	0.0 0	0.72	0.72	1.26	0.8 9	0.5 5	6. 30
Balra mpur	BADAGA ON	LMF	1. 00	0.00	0.00	0.00	1.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	1.0 0	1.0 0	0. 00	0.00	0.0 0	0.0 0	0.0 0	1.00	0.50	1.00	1.0 0	0.6 7	8. 17
Balra mpur	BADAGA ON	SMF	0. 00	0.00	0.00	0.50	0.5 0	0.00	0.0 0	0.00	0.00	0.00	0.50	0.7 0	0.8 6	0. 00	0.00	0.0 0	0.0 0	0.0 0	0.92	0.58	1.12	0.8 8	0.8 3	7. 39
Balra mpur	BELOKEP UR	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.0 0	0.0 0	0. 00	0.00	0.0 0	0.0 0	0.0 0	0.00	0.00	0.00	0.0 0	0.0 0	-
Balra mpur	BELOKEP UR	SMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.7 6	0.8 6	0. 00	0.00	0.0 0	0.0 0	0.0 0	0.97	0.50	1.24	0.7 6	0.8 3	5. 93
Balra mpur	LAHERI	LMF	0. 00	0.00	0.00	0.50	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	1.0 0	0.5 0	0. 00	0.00	0.0 0	0.0 0	0.0 0	0.50	0.50	1.00	0.6 0	0.5 0	5. 10
Balra mpur	LAHERI	SMF	0. 00	0.00	0.00	0.50	0.5 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.9 3	0.5 6	0. 75	0.00	0.00	0.0 0	0.0 0	0.65	0.50	1.10	0.9 0	0.5 9	6. 97
Balra mpur	MAHAD EV GHOSAI	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.0 0	0.0 0	0. 00	0.00	0.0 0	0.0 0	0.00	0.00	0.00	0.0 0	0.0 0	-	
Balra mpur	MAHAD EV GHOSAI	SMF	0. 00	0.00	0.00	0.50	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.9 4	0.5 6	0. 00	0.50	0.00	0.0 0	0.0 0	0.59	0.50	1.26	0.7 9	0.5 6	6. 21
Balra mpur	NAVANA GAR	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	1.0 0	1.0 0	0. 00	1.00	0.00	0.0 0	0.0 0	0.88	0.50	1.00	1.0 0	0.5 0	6. 88
Balra mpur	NAVANA GAR	SMF	0. 00	0.00	0.00	0.63	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.8 9	0.6 1	1. 00	0.50	0.00	0.0 0	0.0 0	0.84	0.54	1.04	0.7 8	0.7 1	7. 53
Chan douli	BARTH AKALA	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	1.0 0	1.0 0	0. 00	0.00	0.0 0	0.0 0	1.00	1.00	1.00	0.8 3	0.6 7	6. 50	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
Chan douli	BARTH AKALA	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0	1.0	0. 00	0.00	0.00	0.0	0.0	0.94	0.67	1.00	0.8	0.7	6. 17
Chan douli	BASANT HPUR	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0	1.0	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	1.00	1.0	0.5	5. 50
Chan douli	BASANT HPUR	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0	1.0	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	1.00	1.0	0.5	5. 50
Chan douli	KHALBH AL	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.8	0.6	0. 00	0.00	0.00	0.0	1.0	0.90	1.00	1.00	0.8	0.5	6. 72
Chan douli	KHALBH AL	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.7	0.5	0. 00	0.00	0.00	0.0	0.0	0.00	1.00	1.00	1.0	0.5	4. 75
Chan douli	PREMAP UR	LMF	0. 00	1.00	1.00	0.50	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.7	0.6	0. 00	0.00	0.00	0.0	0.0	0.71	0.63	1.22	0.6	0.0	7. 05
Chan douli	PREMAP UR	SMF	0. 00	0.75	0.75	0.75	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.7	0.5	1. 00	0.00	0.00	0.0	0.0	0.70	0.57	1.08	0.5	0.5	7. 94
Chan douli	YOGIYAK ALA	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.7	0.7	1. 00	0.00	0.00	0.0	0.0	0.65	0.56	1.12	0.6	0.5	5. 91
Chan douli	YOGIYAK ALA	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.0	0.5	0. 00	0.00	0.00	0.0	0.0	0.50	0.50	1.50	0.5	0.0	3. 50
Hami rpur	BEELPUR	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0	0.8	0. 00	0.00	0.00	0.0	0.0	0.82	1.00	1.17	0.5	1.0	6. 40
Hami rpur	BEELPUR	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9	0.9	0. 00	0.00	0.00	0.0	0.0	0.84	0.50	1.09	0.5	0.8	5. 71
Hami rpur	BHAUNI A	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9	0.9	0. 00	0.00	0.00	0.0	0.0	0.91	0.50	1.73	0.6	0.7	6. 39
Hami rpur	BHAUNI A	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9	0.9	0. 00	0.00	0.50	0.5	0.0	0.88	0.50	1.67	0.7	1.0	7. 69
Hami rpur	GHAULI	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.8	1.0	0. 00	0.00	0.00	0.0	0.0	0.95	0.70	1.15	0.8	0.5	6. 10
Hami rpur	GHAULI	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9	1.0	0. 00	0.00	0.00	0.0	0.0	0.94	0.63	1.07	0.8	0.5	5. 96

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra ctor	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Type of fee din g: Stal l	Type of fee din g: Gra zing	To tal
Hami rpur	GOURIB ADANPU R	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.90	1.00	0.00	0.00	0.00	0.00	0.60	0.50	1.40	0.50	0.00	5.90
Hami rpur	GOURIB ADANPU R	SMF	1.00	0.00	0.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.91	1.00	0.00	0.50	0.50	0.00	0.92	0.64	1.45	0.64	0.90	10.89
Hami rpur	ICHAULI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.92	0.00	0.00	0.00	0.00	0.00	0.83	0.67	1.17	0.75	0.00	5.12
Hami rpur	ICHAULI	SMF	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.85	1.00	0.00	0.50	0.50	0.00	0.73	0.55	1.38	0.73	0.50	10.00
Hami rpur	KUMHO UPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.80	0.00	0.00	0.00	0.00	0.00	0.81	0.50	1.44	0.71	0.50	5.66
Hami rpur	KUMHO UPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.87	0.72	0.00	0.00	0.00	0.00	0.00	0.74	0.69	1.80	0.55	0.61	5.97
Hami rpur	MOUHE R	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.77	0.00	0.00	0.00	0.00	0.00	0.75	0.70	1.67	0.75	0.50	6.04
Hami rpur	MOUHE R	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.78	0.00	1.00	0.00	0.00	0.00	0.89	0.83	1.62	0.53	0.50	6.98
Hami rpur	NADEHR A	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.98	0.98	0.00	0.75	0.00	0.00	0.00	1.00	0.63	1.33	0.90	0.83	7.41
Hami rpur	NADEHR A	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.95	0.94	0.00	0.00	0.00	0.00	0.00	1.00	0.75	1.50	0.85	0.50	7.00
Hami rpur	PAREHA TA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.98	0.00	0.50	0.00	0.00	0.00	0.83	0.50	1.09	0.91	0.50	6.21
Hami rpur	PAREHA TA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	1.00	0.00	0.50	0.00	0.00	0.00	0.94	0.50	1.30	0.86	0.50	6.27
Jalau n	BETWA RIVER	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.63	0.50	0.00	0.00	0.00	0.00	0.60	0.50	1.40	0.67	1.00	5.99
Jalau	BETWA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	0.00	0.00	0.00	0.00	0.00	0.65	0.57	1.10	0.50	0.00	4.00

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Type of fee din g: Stal l	Type of fee din g: Gra zing	To tal	
n	RIVER		00				0		0					7	7	50								0	0	65	
Jalau n	CHILLI	LMF	0.00	0.00	0.00	0.50	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.90	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.72	0.75	1.10	0.58	0.50	6.47
Jalau n	CHILLI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	1.05	0.50	0.00	0.00	0.00	0.00	0.79	0.75	1.43	0.61	0.67	6.62	
Jalau n	JAISARI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.75
Jalau n	JAISARI	SMF	0.00	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.95	1.00	0.00	0.00	0.00	0.00	0.75	0.63	1.17	0.64	0.75	8.43	
Jalau n	NIPANIA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	1.00	0.50	1.00	4.50	
Jalau n	NIPANIA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.73	0.00	0.00	0.00	0.00	0.00	0.61	0.50	1.08	0.58	0.88	4.96	
Jalau n	SARAINI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.75	0.00	0.00	0.00	0.00	0.67	0.67	1.00	0.50	0.00	5.58	
Jalau n	SARAINI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.89	0.78	0.50	0.00	0.00	0.00	0.00	0.70	0.50	1.10	0.65	0.00	5.12	
Jhans i	HATI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.95	1.00	0.00	0.00	0.00	0.00	1.00	0.50	1.42	0.85	0.83	7.55	
Jhans i	HATI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.95	1.00	0.00	0.00	0.00	0.00	0.82	0.50	1.46	0.92	0.50	7.16	
Jhans i	LABHER A	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.78	1.00	0.00	0.00	0.00	0.00	0.94	0.50	1.55	0.72	0.50	6.91	
Jhans i	LABHER A	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.83	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.47	0.63	0.67	5.43	
Jhans i	NAKERA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.11	0.92	0.50	6.53	
Jhans i	NAKERA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.20	0.96	0.50	6.58	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra ctor	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
Jhans i	PATHA I	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	0.93	1.00	0.00	0.00	0.00	0.00	0.82	0.50	1.06	0.78	0.50	6.41
Jhans i	PATHA I	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.94	1.00	0.00	0.00	0.00	0.00	0.79	0.50	1.00	0.75	0.50	6.27
Jhans i	SUKWA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.63	0.50	1.67	0.50	0.00	5.29
Jhans i	SUKWA	SMF	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.97	0.89	1.00	0.00	0.00	0.00	0.00	0.88	0.50	1.67	0.55	1.00	7.95
Lakhi mpur Khiri	AURANG ABAD	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.63	0.50	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	1.00	0.00	5.13
Lakhi mpur Khiri	AURANG ABAD	SMF	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.87	1.00	0.00	0.00	0.00	0.00	0.74	0.50	1.48	0.86	0.62	7.68
Lakhi mpur Khiri	CHAPAR TALA	LMF	0.00	0.50	0.50	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.33	0.50	0.00	7.71
Lakhi mpur Khiri	CHAPAR TALA	SMF	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.95	1.00	0.00	0.00	0.00	0.00	0.89	0.60	1.92	0.50	0.50	9.31
Lakhi mpur Khiri	MAIGAL GUNJ	LMF	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	0.50	1.00	0.00	0.00	0.00	0.00	0.75	0.50	1.00	0.83	0.50	6.25
Lakhi mpur Khiri	MAIGAL GUNJ	SMF	0.00	1.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.68	0.75	0.00	0.00	0.00	0.00	0.77	0.71	1.00	0.81	0.71	7.85
Lakhi mpur Khiri	ODRAHA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.88	0.50	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.88	0.67	6.92
Lakhi	ODRAHA	SMF	0.00	0.00	0.00	0.75	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.70	0.00	0.00	0.00	0.00	0.00	0.83	0.60	1.23	0.90	0.50	7.00

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
mpur Khiri			00				0		0					8	3	50			0	0				0	3	45
Lakhi mpur Khiri	PAKARIY A	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.6 7	0.6 3	0. 00	0.00	0.00	0.0 0	0.0 0	0.88	0.00	1.20	0.8 0	0.5 0	4. 67
Lakhi mpur Khiri	PAKARIY A	SMF	0. 00	0.00	0.00	0.50	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.7 6	0.8 0	0. 50	0.00	1.00	0.0 0	0.0 0	0.89	0.60	1.26	0.7 8	0.6 3	7. 72
Lalith pur	BALNA	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.8 8	0.6 8	0. 00	0.00	0.00	0.0 0	0.0 0	0.75	0.67	2.00	0.5 0	0.5 0	5. 97
Lalith pur	BALNA	SMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.6 9	0.7 3	1. 00	0.00	0.00	0.0 0	0.0 0	0.90	0.70	2.00	0.6 0	0.5 0	7. 13
Lalith pur	GORA KATHA	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	1.0 0	1.0 0	0. 00	0.00	0.00	0.0 0	0.0 0	0.00	0.00	0.00	0.0 0	0.5 0	2. 50
Lalith pur	GORA KATHA	SMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.8 3	1.0 0	0. 00	0.00	0.00	0.0 0	0.0 0	0.82	0.50	1.50	1.0 0	0.5 0	6. 15
Lalith pur	KARITOR AN	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.8 6	0.9 1	0. 00	0.50	0.00	0.0 0	0.0 0	0.86	0.88	1.91	0.5 0	0.5 0	6. 92
Lalith pur	KARITOR AN	SMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	1.0 0	1.0 0	1. 00	0.00	0.00	0.0 0	0.0 0	0.89	0.67	1.78	0.5 0	0.5 0	7. 33
Lalith pur	KHUTGU AN	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.9 2	0.7 5	0. 00	0.00	0.00	0.0 0	0.0 0	0.89	0.50	2.00	0.6 7	0.5 0	6. 22
Lalith pur	KHUTGU AN	SMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.9 4	0.6 5	0. 00	0.00	0.00	0.0 0	0.0 0	0.78	0.50	1.92	0.5 6	0.6 0	5. 94
Lalith pur	PIPARAY IA PALLI	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	1.0 0	0.8 9	0. 00	0.00	0.00	0.0 0	0.5 0	0.91	0.60	1.88	0.7 4	0.5 7	7. 09
Lalith pur	PIPARAY IA PALLI	SMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	1.0 0	0.9 2	0. 00	0.00	0.00	0.0 0	0.0 0	0.75	0.50	2.00	0.7 5	0.5 0	6. 42
Lalith pur	REGRAV ANI	LMF	0. 00	0.00	0.00	0.00	0.0 0	0.00	0.0 0	0.00	0.00	0.00	0.00	0.8 2	1.0 0	1. 00	0.00	0.00	0.0 0	0.0 0	0.95	0.50	1.45	0.7 9	0.5 0	7. 01

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
Lalith pur	REGRAV ANI	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.8 1	0.8 9	1. 00	0.67	0.00	0.0	0.0	0.98	0.60	1.74	0.7 7	0.5 8	8. 03
Lalith pur	RIHAPUR	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.8 8	0.8 8	0. 00	0.00	0.00	0.0	0.0	0.81	0.00	1.77	0.6 9	1.0 0	6. 02
Lalith pur	RIHAPUR	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.8 8	0.8 8	0. 00	0.00	0.00	0.0	0.0	0.81	0.00	1.77	0.6 9	1.0 0	6. 02
Lalith pur	SIREN	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.50	0.00	0.00	0.00	0.7 7	0.9 1	0. 00	0.00	0.00	0.0	0.0	0.72	0.50	2.00	0.5 0	0.5 5	6. 44
Lalith pur	SIREN	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.6 3	1.0 0	0. 00	0.00	0.00	0.0	0.0	0.67	0.50	2.00	0.0 0	0.5 0	5. 29
Lalith pur	UMRIYA DONGRA	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9 5	0.8 6	0. 00	0.00	0.00	0.0	0.0	1.00	0.50	1.50	0.6 5	0.7 5	6. 22
Lalith pur	UMRIYA DONGRA	SMF	1. 00	0.00	0.00	0.00	1.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9 2	0.7 8	0. 00	0.00	0.00	0.0	0.5	0.96	0.50	1.81	0.6 8	0.7 9	8. 94
Lalith pur	VYAHAR PURA	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0 0	0.8 3	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	2.00	0.5 0	0.0 0	5. 33
Lalith pur	VYAHAR PURA	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9 4	1.0 0	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	2.00	0.0 0	0.0 0	4. 94
Luckn ow	BHAWR AKALA	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.0 0	0.0 0	0. 00	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.0 0	0.0 0	-
Luckn ow	BHAWR AKALA	SMF	1. 00	1.00	0.00	1.00	0.7 5	0.00	0.0	0.00	0.00	0.00	0.00	0.8 8	1.0 0	0. 00	0.00	0.00	0.0	0.0	0.90	0.83	1.23	0.8 8	0.6 7	10 .1 5
Luckn ow	CHAMAR TALIYA	LMF	0. 00	1.00	1.00	1.00	1.0 0	0.00	0.0	0.00	0.00	0.00	0.00	1.0 0	1.0 0	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	1.00	0.8 3	0.7 5	9. 58
Luckn ow	CHAMAR TALIYA	SMF	0. 50	0.75	0.75	0.81	0.0 0	0.00	0.0	0.00	0.00	0.00	0.00	0.9 8	1.0 0	0. 00	0.00	0.00	0.0	0.0	0.79	0.50	1.04	0.7 7	0.5 3	8. 42
Luckn ow	GUSKAR	LMF	0. 00	0.00	0.00	1.00	0.5 0	0.00	0.0	0.00	0.00	0.00	0.00	1.0 0	0.7 5	0. 00	0.00	0.00	0.0	0.0	1.00	0.00	1.00	0.9 0	0.5 0	6. 65
Luckn	GUSKAR	SMF	0.	0.00	0.00	0.63	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9	0.6	1.	0.00	0.00	0.0	0.0	0.85	1.00	1.15	0.7	0.5	7.

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal	
ow			00				0		0					6	5	00				0	0			3	0	46	
Luckn ow	KEWALI	LMF	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.50	0.00	5.00
Luckn ow	KEWALI	SMF	0.00	0.75	1.00	0.69	0.50	0.00	0.00	0.00	0.50	0.50	0.00	0.94	1.00	0.00	0.00	0.00	0.00	0.00	0.74	0.59	1.03	0.83	0.53	9.59	
Luckn ow	SALEMP UR	LMF	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.75	0.50	1.50	0.75	0.00	6.00	
Luckn ow	SALEMP UR	SMF	0.00	0.50	0.00	0.50	0.50	0.00	0.00	0.50	0.00	0.00	0.00	0.85	0.71	1.00	0.00	0.00	0.00	0.00	0.79	0.56	1.19	0.72	0.50	8.31	
Mah oba	REVAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.86	0.00	0.00	0.00	0.00	0.00	0.81	0.50	1.14	0.79	0.50	5.54	
Mah oba	REVAI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.63	1.00	0.00	0.00	0.00	0.00	0.78	0.54	1.13	0.65	0.64	6.18	
Prata pgha d	JARIYARI	LMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.50	1.40	1.00	0.60	7.50	
Prata pgha d	JARIYARI	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.94	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.50	1.07	0.94	0.71	7.65	
Prata pgha d	KOTIYAH E	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.50	1.00	1.00	0.50	6.00	
Prata pgha d	KOTIYAH E	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.93	0.50	1.00	0.73	0.93	6.09	
Prata pgha d	RATANM AI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	1.00	1.00	0.00	5.00	
Prata pgha	RATANM AI	SMF	0.67	0.00	0.00	0.50	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.68	0.50	0.00	0.00	0.00	0.00	0.61	0.53	1.26	0.71	0.75	7.68	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d bree d in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal
d																										
Prata pgha d	SACHOLI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.67	0.00	0.00	0.00	0.00	0.58	0.60	1.00	0.50	0.70	4.97	
Prata pgha d	SACHOLI	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.62	0.00	0.00	0.00	0.00	0.85	0.53	1.00	0.79	0.61	5.30	
Prata pgha d	SINGTHI KHALSH A	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.50	1.00	0.00	0.00	0.00	0.63	0.50	1.00	0.63	1.00	6.08	
Prata pgha d	SINGTHI KHALSH A	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.71	0.00	0.50	0.00	0.00	0.65	0.64	1.15	0.64	0.70	5.96	
Sitap ur	ARBAPU R	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.78	0.00	0.00	0.50	0.50	0.79	0.60	1.23	0.66	0.56	7.53	
Sitap ur	ARBAPU R	SMF	1.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.70	0.00	0.00	0.50	0.50	0.57	0.58	1.67	0.86	0.50	8.30	
Sitap ur	DARIYAP UR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	
Sitap ur	DARIYAP UR	SMF	0.00	1.00	0.50	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.79	1.00	1.00	0.50	0.00	0.77	0.80	1.17	0.81	0.70	10.46	
Sitap ur	GHAILA	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	1.00	1.00	0.00	0.00	0.00	1.00	1.00	1.33	0.83	0.50	8.54	
Sitap ur	GHAILA	SMF	0.00	0.00	0.00	0.70	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.71	0.83	1.00	0.00	0.00	0.00	0.71	0.79	1.30	0.74	0.63	8.39	
Sitap ur	JIHURA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.75	1.00	0.00	0.00	0.00	0.83	0.00	1.25	0.75	0.75	6.33	
Sitap ur	JIHURA	SMF	0.00	0.00	0.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.83	1.00	0.00	0.00	0.00	0.69	0.53	1.50	0.88	0.50	8.13	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Typ e of fee din g: Stal l	Typ e of fee din g: Gra zing	To tal			
Sitapur	MAJIYA	LMF	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.00	1.00	0.75	0.50	4.83	
Sitapur	MAJIYA	SMF	0.50	0.50	0.50	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.67	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.63	1.44	0.90	0.50	9.39	
Sitapur	MALETH U	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Sitapur	MALETH U	SMF	0.50	0.00	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.91	0.92	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.50	1.17	0.71	0.64	8.59	
Sitapur	MUDIYA RA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.50	5.96	
Sitapur	MUDIYA RA	SMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.86	0.94	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.91	0.79	1.13	0.79	0.64	8.04	
Sitapur	NARASIN DOULI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.50	1.00	1.00	0.50	4.00	
Sitapur	NARASIN DOULI	SMF	0.00	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.64	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.55	1.06	0.69	0.50	7.85	
Sitapur	PARSAP UR	LMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.50	1.00	0.75	0.50	5.75	
Sitapur	PARSAP UR	SMF	0.75	0.50	0.00	0.71	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.93	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.68	1.52	0.65	0.55	8.59	
Sitapur	TURSEN A	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.88	0.67	7.54	
Sitapur	TURSEN A	SMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.89	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.81	0.58	1.09	0.88	0.61	7.79	
Sonbhadra	BAHERA	LMF	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.67	2.00	0.50	0.00	6.17	
Sonbhadra	BAHERA	SMF	0.00	0.72	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.81	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	0.69	1.56	0.55	1.00	8.64	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d bree d in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Type of fee din g: Stal l	Type of fee din g: Gra zing	To tal
Sonb hadr a	GARAI DEEH	LMF	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.77	0.67	1.00	0.00	0.00	0.00	0.00	0.67	0.50	1.00	0.88	0.67	7.14
Sonb hadr a	GARAI DEEH	SMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.83	0.00	0.00	0.00	0.00	0.00	0.50	0.50	2.00	0.75	0.50	6.98
Sonb hadr a	JUDAVA RIYA	LMF	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.50	0.76	0.71	1.00	0.90	0.56	8.44
Sonb hadr a	JUDAVA RIYA	SMF	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.95	0.00	0.00	0.00	0.00	0.50	0.64	0.75	1.23	0.85	0.58	6.88
Sonb hadr a	KHARAID EEH	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.50	0.00	0.00	0.00	0.00	0.50	0.00	1.50	0.75	0.00	4.25	
Sonb hadr a	KHARAID EEH	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.50	0.00	0.00	0.00	0.00	0.93	0.00	2.00	0.50	0.00	4.50	
Sonb hadr a	SHAPER	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.67	1.00	0.00	0.00	0.00	0.50	0.50	2.00	0.50	1.00	6.67	
Sonb hadr a	SHAPER	SMF	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.78	0.50	1.00	0.00	0.00	0.00	0.71	0.50	2.00	0.67	0.00	6.66	
Vara nasi	CHILLBIL A	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.75	1.00	0.00	0.00	0.00	0.00	0.88	0.50	1.00	1.00	0.50	5.63	
Vara nasi	CHILLBIL A	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.73	0.85	1.00	0.00	0.00	0.00	0.70	0.54	1.00	0.92	0.63	6.36	
Vara nasi	GHOSAI PUR MOHAV	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.83	0.50	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.75	0.50	5.58	

Distri ct	Watersh ed	Far mer Cat ego ry	Fr uit s	Vege table s	Gree n leafy vege table s	Com merci al Crops	Mul ti Pur pose tree s in far m hol din gs	Seric ultur e	Ap lar y	Mus hroo m	Cha rcoa l mak ing	Verm i Comp ostin g	Oth ers (Sp ecif y)	Cat tle to Tra cto r	Dra ft to Mil ch Ani mal s	Sh ee t to Go at	Exist ing to impr ove d breed in HH poul try	Rab bitr y	Pig ger y	Duc ker y	Leve l of Ade quac y (%)	Part purc has e (%)	Proc essin g (chaf f cutti ng)	Type of fee din g: Stal l	Type of fee din g: Gra zing	To tal
Vara nasi	GHOSAI PUR MOHAV	SMF	0. 00	0.50	0.50	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.9 3	0.5 8	1. 00	0.00	1.00	0.0	0.0	0.81	0.58	1.00	0.8 3	0.5 0	8. 24
Vara nasi	KOTVA	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.5 0	0.5 0	0. 00	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.5 0	0.0 0	1. 50
Vara nasi	KOTVA	SMF	0. 00	0.75	0.50	0.67	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.7 7	0.7 4	1. 00	0.50	0.00	0.0	0.0	0.50	0.60	1.00	0.7 6	0.5 0	8. 29
Vara nasi	KUDI	LMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.6 7	0.6 7	0. 00	0.00	0.00	0.0	0.0	0.67	0.00	1.00	0.6 7	0.5 0	4. 17
Vara nasi	KUDI	SMF	0. 00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	0.7 1	0.7 1	0. 00	0.00	0.00	0.0	0.0	0.58	0.50	1.00	0.7 8	0.5 0	4. 78
Vara nasi	SALARP UR	LMF	1. 00	1.00	0.00	1.00	0.0	0.00	0.0	0.00	0.00	0.00	0.00	1.0 0	0.0 0	0. 00	0.00	0.00	0.0	0.0	0.00	0.00	1.00	0.0 0	0.0 0	5. 00
Vara nasi	SALARP UR	SMF	0. 00	0.50	0.50	0.67	0.0	0.00	0.0	0.00	0.00	0.00	0.50	1.0 0	0.9 0	1. 00	0.00	0.00	0.0	0.0	0.83	0.58	1.00	0.5 8	0.8 8	8. 94

Table 45 Watershed wise average scores for all sub components – Life style

District	Watershed	Farmer Category	Style of living	Total
Agra	BIRHARU	LMF	1.00	1.00
Agra	BIRHARU	SMF	1.00	1.00
Agra	KUKAWAR	LMF	1.00	1.00
Agra	KUKAWAR	SMF	1.00	1.00
Agra	LAHCHOURA	LMF	1.00	1.00
Agra	LAHCHOURA	SMF	1.00	1.00
Agra	NAGALA INAMI	LMF	1.25	1.25
Agra	NAGALA INAMI	SMF	1.00	1.00
Agra	PANAUTA	LMF	1.43	1.43
Agra	PANAUTA	SMF	1.20	1.20
Agra	SIKANDARPUR	LMF	1.00	1.00
Agra	SIKANDARPUR	SMF	1.16	1.16
Agra	SYARMAU	LMF	1.00	1.00
Agra	SYARMAU	SMF	1.00	1.00
Agra	TAHARPUR	LMF	1.00	1.00
Agra	TAHARPUR	SMF	1.16	1.16
Agra	TEHARA I	LMF	1.00	1.00
Agra	TEHARA I	SMF	1.24	1.24
Agra	TEHARA II	LMF	1.45	1.45
Agra	TEHARA II	SMF	1.24	1.24
Ambedkar Nagar	AMOULI	LMF	1.33	1.33
Ambedkar Nagar	AMOULI	SMF	1.17	1.17
Ambedkar Nagar	AMROULA	LMF	1.75	1.75
Ambedkar Nagar	AMROULA	SMF	1.21	1.21
Ambedkar Nagar	DAWOODPUR	LMF	1.00	1.00
Ambedkar Nagar	DAWOODPUR	SMF	1.00	1.00
Ambedkar Nagar	MACHLIGOAN	LMF	1.11	1.11
Ambedkar Nagar	MACHLIGOAN	SMF	1.18	1.18

District	Watershed	Farmer Category	Style of living	Total
Ambedkar Nagar	MIRZAPUR	LMF	1.00	1.00
Ambedkar Nagar	MIRZAPUR	SMF	1.03	1.03
Baharaich	ADAGODAVA	LMF	1.00	1.00
Baharaich	ADAGODAVA	SMF	1.04	1.04
Baharaich	AGAPUR	LMF	1.50	1.50
Baharaich	AGAPUR	SMF	1.00	1.00
Baharaich	GHULARIYA GHAJIPUR	LMF	1.33	1.33
Baharaich	GHULARIYA GHAJIPUR	SMF	1.00	1.00
Baharaich	MOGHELA	LMF	1.40	1.40
Baharaich	MOGHELA	SMF	1.00	1.00
Baharaich	NAROTHAMPUR	LMF	2.00	2.00
Baharaich	NAROTHAMPUR	SMF	1.00	1.00
Baharaich	RAJWAPUR	LMF	1.00	1.00
Baharaich	RAJWAPUR	SMF	1.00	1.00
Baharaich	SARAI ALI	LMF	1.67	1.67
Baharaich	SARAI ALI	SMF	1.15	1.15
Baharaich	SARRAKALA	LMF	2.00	2.00
Baharaich	SARRAKALA	SMF	1.21	1.21
Baharaich	SATHJORE	LMF	1.50	1.50
Baharaich	SATHJORE	SMF	1.00	1.00
Baharaich	TEJWAPUR	LMF	0.00	-
Baharaich	TEJWAPUR	SMF	1.09	1.09
Balrampur	BADAGAON	LMF	1.67	1.67
Balrampur	BADAGAON	SMF	1.00	1.00
Balrampur	BELOKEPUR	LMF	0.00	-
Balrampur	BELOKEPUR	SMF	1.17	1.17
Balrampur	LAHERI	LMF	1.00	1.00
Balrampur	LAHERI	SMF	1.00	1.00
Balrampur	MAHADEV GHOSAI	LMF	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	1.00	1.00

District	Watershed	Farmer Category	Style of living	Total
Balrampur	NAVANAGAR	LMF	1.00	1.00
Balrampur	NAVANAGAR	SMF	1.00	1.00
Chandouli	BARTHRAKALA	LMF	1.67	1.67
Chandouli	BARTHRAKALA	SMF	1.55	1.55
Chandouli	BASANTHPUR	LMF	0.00	-
Chandouli	BASANTHPUR	SMF	0.00	-
Chandouli	KHALBHAL	LMF	1.18	1.18
Chandouli	KHALBHAL	SMF	1.00	1.00
Chandouli	PREMAPUR	LMF	1.13	1.13
Chandouli	PREMAPUR	SMF	1.08	1.08
Chandouli	YOGIYAKALA	LMF	1.00	1.00
Chandouli	YOGIYAKALA	SMF	0.00	-
Hamirpur	BEELPUR	LMF	1.00	1.00
Hamirpur	BEELPUR	SMF	1.00	1.00
Hamirpur	BHAUNIA	LMF	1.09	1.09
Hamirpur	BHAUNIA	SMF	1.22	1.22
Hamirpur	GHAULI	LMF	1.00	1.00
Hamirpur	GHAULI	SMF	1.12	1.12
Hamirpur	GOURIBADANPUR	LMF	1.00	1.00
Hamirpur	GOURIBADANPUR	SMF	1.14	1.14
Hamirpur	ICHAULI	LMF	1.14	1.14
Hamirpur	ICHAULI	SMF	1.04	1.04
Hamirpur	KUMHOUPUR	LMF	1.00	1.00
Hamirpur	KUMHOUPUR	SMF	1.03	1.03
Hamirpur	MOUHER	LMF	1.20	1.20
Hamirpur	MOUHER	SMF	1.04	1.04
Hamirpur	NADEHRA	LMF	1.35	1.35
Hamirpur	NADEHRA	SMF	1.17	1.17
Hamirpur	PAREHATA	LMF	1.04	1.04
Hamirpur	PAREHATA	SMF	1.00	1.00

District	Watershed	Farmer Category	Style of living	Total
Jalaun	BETWA RIVER	LMF	1.20	1.20
Jalaun	BETWA RIVER	SMF	1.00	1.00
Jalaun	CHILLI	LMF	1.10	1.10
Jalaun	CHILLI	SMF	1.00	1.00
Jalaun	JAISARI	LMF	2.00	2.00
Jalaun	JAISARI	SMF	1.18	1.18
Jalaun	NIPANIA	LMF	1.00	1.00
Jalaun	NIPANIA	SMF	1.06	1.06
Jalaun	SARAINI	LMF	1.00	1.00
Jalaun	SARAINI	SMF	1.00	1.00
Jhansi	HATI	LMF	1.10	1.10
Jhansi	HATI	SMF	1.07	1.07
Jhansi	LABHERA	LMF	1.00	1.00
Jhansi	LABHERA	SMF	1.00	1.00
Jhansi	NAKERA	LMF	1.17	1.17
Jhansi	NAKERA	SMF	1.00	1.00
Jhansi	PATHA I	LMF	1.00	1.00
Jhansi	PATHA I	SMF	1.00	1.00
Jhansi	SUKWA	LMF	1.00	1.00
Jhansi	SUKWA	SMF	1.00	1.00
Lakhimpur Khiri	AURANGABAD	LMF	1.25	1.25
Lakhimpur Khiri	AURANGABAD	SMF	1.00	1.00
Lakhimpur Khiri	CHAPARTALA	LMF	2.00	2.00
Lakhimpur Khiri	CHAPARTALA	SMF	1.00	1.00
Lakhimpur Khiri	MAIGALGUNJ	LMF	1.00	1.00
Lakhimpur Khiri	MAIGALGUNJ	SMF	1.11	1.11
Lakhimpur Khiri	ODRAHA	LMF	1.00	1.00
Lakhimpur Khiri	ODRAHA	SMF	1.00	1.00
Lakhimpur Khiri	PAKARIYA	LMF	1.20	1.20
Lakhimpur Khiri	PAKARIYA	SMF	1.05	1.05

District	Watershed	Farmer Category	Style of living	Total
Lalithpur	BALNA	LMF	1.09	1.09
Lalithpur	BALNA	SMF	1.00	1.00
Lalithpur	GORA KATHA	LMF	1.00	1.00
Lalithpur	GORA KATHA	SMF	1.00	1.00
Lalithpur	KARITORAN	LMF	1.09	1.09
Lalithpur	KARITORAN	SMF	1.17	1.17
Lalithpur	KHUTGUAN	LMF	1.08	1.08
Lalithpur	KHUTGUAN	SMF	1.00	1.00
Lalithpur	PIPARAYIA PALLI	LMF	1.26	1.26
Lalithpur	PIPARAYIA PALLI	SMF	1.44	1.44
Lalithpur	REGRAVANI	LMF	1.07	1.07
Lalithpur	REGRAVANI	SMF	1.17	1.17
Lalithpur	RIHAPUR	LMF	1.07	1.07
Lalithpur	RIHAPUR	SMF	1.07	1.07
Lalithpur	SIREN	LMF	1.00	1.00
Lalithpur	SIREN	SMF	1.00	1.00
Lalithpur	UMRIYA DONGRA	LMF	1.00	1.00
Lalithpur	UMRIYA DONGRA	SMF	1.00	1.00
Lalithpur	VYAHARPURA	LMF	1.00	1.00
Lalithpur	VYAHARPURA	SMF	1.00	1.00
Lucknow	BHAWRAKALA	LMF	0.00	-
Lucknow	BHAWRAKALA	SMF	1.08	1.08
Lucknow	CHAMARTALIYA	LMF	1.33	1.33
Lucknow	CHAMARTALIYA	SMF	1.04	1.04
Lucknow	GUSKAR	LMF	1.00	1.00
Lucknow	GUSKAR	SMF	1.00	1.00
Lucknow	KEWALI	LMF	1.00	1.00
Lucknow	KEWALI	SMF	1.03	1.03
Lucknow	SALEMPUR	LMF	1.00	1.00
Lucknow	SALEMPUR	SMF	1.06	1.06

District	Watershed	Farmer Category	Style of living	Total
Mahoba	REVAI	LMF	1.00	1.00
Mahoba	REVAI	SMF	1.00	1.00
Pratapghad	JARIYARI	LMF	1.25	1.25
Pratapghad	JARIYARI	SMF	1.17	1.17
Pratapghad	KOTIYAHE	LMF	2.00	2.00
Pratapghad	KOTIYAHE	SMF	1.79	1.79
Pratapghad	RATANMAI	LMF	1.00	1.00
Pratapghad	RATANMAI	SMF	1.11	1.11
Pratapghad	SACHOLI	LMF	1.00	1.00
Pratapghad	SACHOLI	SMF	1.00	1.00
Pratapghad	SINGTHI KHALSHA	LMF	1.75	1.75
Pratapghad	SINGTHI KHALSHA	SMF	1.08	1.08
Sitapur	ARBAPUR	LMF	1.00	1.00
Sitapur	ARBAPUR	SMF	1.00	1.00
Sitapur	DARIYAPUR	LMF	1.00	1.00
Sitapur	DARIYAPUR	SMF	1.00	1.00
Sitapur	GHAILA	LMF	1.00	1.00
Sitapur	GHAILA	SMF	1.00	1.00
Sitapur	JIHURA	LMF	1.00	1.00
Sitapur	JIHURA	SMF	1.03	1.03
Sitapur	MAJIYA	LMF	1.00	1.00
Sitapur	MAJIYA	SMF	1.06	1.06
Sitapur	MALETHU	LMF	-	-
Sitapur	MALETHU	SMF	1.00	1.00
Sitapur	MUDIYARA	LMF	1.00	1.00
Sitapur	MUDIYARA	SMF	1.15	1.15
Sitapur	NARASINDOULI	LMF	1.00	1.00
Sitapur	NARASINDOULI	SMF	1.17	1.17
Sitapur	PARSAPUR	LMF	1.00	1.00
Sitapur	PARSAPUR	SMF	1.04	1.04

District	Watershed	Farmer Category	Style of living	Total
Sitapur	TURSENA	LMF	1.00	1.00
Sitapur	TURSENA	SMF	1.05	1.05
Sonbhadra	BAHERA	LMF	1.00	1.00
Sonbhadra	BAHERA	SMF	1.00	1.00
Sonbhadra	GARAI DEEH	LMF	1.00	1.00
Sonbhadra	GARAI DEEH	SMF	1.00	1.00
Sonbhadra	JUDAVARIYA	LMF	1.10	1.10
Sonbhadra	JUDAVARIYA	SMF	1.00	1.00
Sonbhadra	KHARAIDEEH	LMF	1.00	1.00
Sonbhadra	KHARAIDEEH	SMF	1.00	1.00
Sonbhadra	SHAPER	LMF	1.00	1.00
Sonbhadra	SHAPER	SMF	1.00	1.00
Varan asi	CHILLBILA	LMF	1.00	1.00
Varan asi	CHILLBILA	SMF	1.12	1.12
Varan asi	GHOSAIPUR MOHAV	LMF	1.00	1.00
Varan asi	GHOSAIPUR MOHAV	SMF	1.06	1.06
Varan asi	KOTVA	LMF	1.00	1.00
Varan asi	KOTVA	SMF	1.00	1.00
Varan asi	KUDI	LMF	1.00	1.00
Varan asi	KUDI	SMF	1.13	1.13
Varan asi	SALARPUR	LMF	1.00	1.00
Varan asi	SALARPUR	SMF	1.06	1.06

Table 46 Watershed wise average scores for all sub components – Children education

District	Watershed	Farmer Category	Education of children - Yes	Level of Education	Total
Agra	BIRHARU	LMF	1.67	2.56	4.22
Agra	BIRHARU	SMF	1.71	1.86	3.58
Agra	KUKAWAR	LMF	2.00	2.50	4.50
Agra	KUKAWAR	SMF	1.75	1.50	3.25
Agra	LAHCHOURA	LMF	2.00	3.00	5.00
Agra	LAHCHOURA	SMF	1.93	2.19	4.12
Agra	NAGALA INAMI	LMF	2.00	2.25	4.25
Agra	NAGALA INAMI	SMF	2.00	1.61	3.61
Agra	PANAUTA	LMF	1.60	1.43	3.03
Agra	PANAUTA	SMF	2.00	1.33	3.33
Agra	SIKANDARPUR	LMF	2.00	2.00	4.00
Agra	SIKANDARPUR	SMF	1.96	1.59	3.55
Agra	SYARMAU	LMF	2.00	2.50	4.50
Agra	SYARMAU	SMF	1.90	1.87	3.77
Agra	TAHARPUR	LMF	2.00	2.50	4.50
Agra	TAHARPUR	SMF	1.82	2.41	4.23
Agra	TEHARA I	LMF	2.00	2.50	4.50
Agra	TEHARA I	SMF	1.94	2.27	4.21
Agra	TEHARA II	LMF	1.91	2.58	4.49
Agra	TEHARA II	SMF	1.75	2.45	4.20
Ambedkar Nagar	AMOULI	LMF	2.00	2.00	4.00
Ambedkar Nagar	AMOULI	SMF	1.90	1.76	3.66
Ambedkar Nagar	AMROULA	LMF	2.00	2.13	4.13
Ambedkar Nagar	AMROULA	SMF	1.94	2.27	4.21
Ambedkar Nagar	DAWOODPUR	LMF	1.83	2.17	4.00

District	Watershed	Farmer Category	Education of children - Yes	Level of Education	Total
Ambedkar Nagar	DAWOODPUR	SMF	1.97	2.17	4.13
Ambedkar Nagar	MACHLIGOAN	LMF	2.00	2.44	4.44
Ambedkar Nagar	MACHLIGOAN	SMF	1.93	2.39	4.32
Ambedkar Nagar	MIRZAPUR	LMF	2.00	1.60	3.60
Ambedkar Nagar	MIRZAPUR	SMF	1.76	1.91	3.68
Baharaich	ADAGODAVA	LMF	2.00	1.00	3.00
Baharaich	ADAGODAVA	SMF	2.00	1.05	3.05
Baharaich	AGAPUR	LMF	2.00	1.00	3.00
Baharaich	AGAPUR	SMF	1.71	1.17	2.88
Baharaich	GHULARIYA GHAJIPUR	LMF	2.00	1.50	3.50
Baharaich	GHULARIYA GHAJIPUR	SMF	1.50	2.00	3.50
Baharaich	MOGHELA	LMF	2.00	3.00	5.00
Baharaich	MOGHELA	SMF	1.80	1.91	3.71
Baharaich	NAROTHAMPUR	LMF	2.00	1.67	3.67
Baharaich	NAROTHAMPUR	SMF	1.71	1.14	2.86
Baharaich	RAJWAPUR	LMF	1.33	1.20	2.53
Baharaich	RAJWAPUR	SMF	1.00	1.06	2.06
Baharaich	SARAI ALI	LMF	1.50	3.00	4.50
Baharaich	SARAI ALI	SMF	2.00	2.07	4.07
Baharaich	SARRAKALA	LMF	1.00	1.00	2.00
Baharaich	SARRAKALA	SMF	1.40	1.17	2.57
Baharaich	SATHJORE	LMF	1.50	2.33	3.83
Baharaich	SATHJORE	SMF	1.77	1.76	3.53
Baharaich	TEJWAPUR	LMF	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	1.92	1.75	3.67
Balrampur	BADAGAON	LMF	2.00	2.00	4.00
Balrampur	BADAGAON	SMF	2.00	1.39	3.39

District	Watershed	Farmer Category	Education of children - Yes	Level of Education	Total
Balrampur	BELOKEPUR	LMF	0.00	0.00	-
Balrampur	BELOKEPUR	SMF	1.75	2.04	3.79
Balrampur	LAHERI	LMF	2.00	1.20	3.20
Balrampur	LAHERI	SMF	1.81	1.33	3.14
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	1.95	1.10	3.05
Balrampur	NAVANAGAR	LMF	1.75	1.50	3.25
Balrampur	NAVANAGAR	SMF	1.71	1.61	3.32
Chandouli	BARTHRAKALA	LMF	2.00	2.33	4.33
Chandouli	BARTHRAKALA	SMF	2.00	2.67	4.67
Chandouli	BASANTHPUR	LMF	2.00	3.00	5.00
Chandouli	BASANTHPUR	SMF	2.00	3.00	5.00
Chandouli	KHALBHAL	LMF	1.91	2.09	4.00
Chandouli	KHALBHAL	SMF	2.00	2.00	4.00
Chandouli	PREMAPUR	LMF	1.78	1.88	3.65
Chandouli	PREMAPUR	SMF	1.77	2.00	3.77
Chandouli	YOGIYAKALA	LMF	1.88	1.16	3.04
Chandouli	YOGIYAKALA	SMF	1.00	2.50	3.50
Hamirpur	BEELPUR	LMF	1.92	2.31	4.23
Hamirpur	BEELPUR	SMF	1.96	2.15	4.11
Hamirpur	BHAUNIA	LMF	1.62	1.85	3.46
Hamirpur	BHAUNIA	SMF	1.74	1.52	3.26
Hamirpur	GHAULI	LMF	1.96	1.91	3.87
Hamirpur	GHAULI	SMF	1.94	1.94	3.88
Hamirpur	GOURIBADANPUR	LMF	1.80	2.00	3.80
Hamirpur	GOURIBADANPUR	SMF	1.97	2.06	4.03
Hamirpur	ICHAULI	LMF	2.00	2.00	4.00

District	Watershed	Farmer Category	Education of children - Yes	Level of Education	Total
Hamirpur	ICHAULI	SMF	1.89	2.11	4.00
Hamirpur	KUMHOUPUR	LMF	1.91	2.09	4.00
Hamirpur	KUMHOUPUR	SMF	1.80	1.87	3.67
Hamirpur	MOUHER	LMF	1.87	1.87	3.73
Hamirpur	MOUHER	SMF	2.00	2.00	4.00
Hamirpur	NADEHRA	LMF	1.89	1.74	3.63
Hamirpur	NADEHRA	SMF	1.67	2.00	3.67
Hamirpur	PAREHATA	LMF	1.96	1.75	3.71
Hamirpur	PAREHATA	SMF	1.91	1.73	3.64
Jalaun	BETWA RIVER	LMF	1.50	1.50	3.00
Jalaun	BETWA RIVER	SMF	1.90	1.20	3.10
Jalaun	CHILLI	LMF	1.91	2.00	3.91
Jalaun	CHILLI	SMF	2.00	2.22	4.22
Jalaun	JAISARI	LMF	2.00	1.00	3.00
Jalaun	JAISARI	SMF	1.92	1.75	3.67
Jalaun	NIPANIA	LMF	1.67	2.33	4.00
Jalaun	NIPANIA	SMF	1.75	2.00	3.75
Jalaun	SARAINI	LMF	2.00	2.25	4.25
Jalaun	SARAINI	SMF	1.90	1.20	3.10
Jhansi	HATI	LMF	1.90	1.90	3.81
Jhansi	HATI	SMF	1.84	1.89	3.74
Jhansi	LABHERA	LMF	2.00	2.38	4.38
Jhansi	LABHERA	SMF	1.94	2.28	4.22
Jhansi	NAKERA	LMF	1.94	2.00	3.94
Jhansi	NAKERA	SMF	2.00	2.08	4.08
Jhansi	PATHA I	LMF	1.77	1.86	3.64
Jhansi	PATHA I	SMF	1.89	2.00	3.89

District	Watershed	Farmer Category	Education of children - Yes	Level of Education	Total
Jhansi	SUKWA	LMF	1.75	2.00	3.75
Jhansi	SUKWA	SMF	1.41	1.69	3.10
Lakhimpur Khiri	AURANGABAD	LMF	1.20	1.20	2.40
Lakhimpur Khiri	AURANGABAD	SMF	1.53	1.65	3.18
Lakhimpur Khiri	CHAPARTALA	LMF	2.00	2.50	4.50
Lakhimpur Khiri	CHAPARTALA	SMF	1.59	1.41	3.00
Lakhimpur Khiri	MAIGALGUNJ	LMF	1.67	2.33	4.00
Lakhimpur Khiri	MAIGALGUNJ	SMF	1.73	2.00	3.73
Lakhimpur Khiri	ODRAHA	LMF	1.75	2.25	4.00
Lakhimpur Khiri	ODRAHA	SMF	1.64	1.36	3.00
Lakhimpur Khiri	PAKARIYA	LMF	1.80	1.40	3.20
Lakhimpur Khiri	PAKARIYA	SMF	1.77	2.09	3.86
Lalithpur	BALNA	LMF	1.83	1.50	3.33
Lalithpur	BALNA	SMF	1.75	1.58	3.33
Lalithpur	GORA KATHA	LMF	0.00	2.00	2.00
Lalithpur	GORA KATHA	SMF	2.00	1.48	3.48
Lalithpur	KARITORAN	LMF	1.00	1.89	2.89
Lalithpur	KARITORAN	SMF	1.50	2.00	3.50
Lalithpur	KHUTGUAN	LMF	2.00	2.18	4.18
Lalithpur	KHUTGUAN	SMF	1.92	1.58	3.50
Lalithpur	PIPARAYIA PALLI	LMF	1.88	1.94	3.81
Lalithpur	PIPARAYIA PALLI	SMF	1.75	1.88	3.63
Lalithpur	REGRAVANI	LMF	1.75	1.67	3.42
Lalithpur	REGRAVANI	SMF	1.57	1.70	3.27
Lalithpur	RIHAPUR	LMF	1.53	1.13	2.67
Lalithpur	RIHAPUR	SMF	1.53	1.13	2.67
Lalithpur	SIREN	LMF	1.94	1.53	3.47

District	Watershed	Farmer Category	Education of children - Yes	Level of Education	Total
Lalithpur	SIREN	SMF	2.00	1.60	3.60
Lalithpur	UMRIYA DONGRA	LMF	1.60	2.18	3.78
Lalithpur	UMRIYA DONGRA	SMF	1.75	1.95	3.70
Lalithpur	VYAHARPURA	LMF	1.67	2.00	3.67
Lalithpur	VYAHARPURA	SMF	1.22	1.67	2.89
Lucknow	BHAWRAKALA	LMF	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	1.92	1.92	3.85
Lucknow	CHAMARTALIYA	LMF	2.00	2.00	4.00
Lucknow	CHAMARTALIYA	SMF	1.81	1.85	3.67
Lucknow	GUSKAR	LMF	1.80	1.80	3.60
Lucknow	GUSKAR	SMF	1.79	1.43	3.21
Lucknow	KEWALI	LMF	2.00	3.00	5.00
Lucknow	KEWALI	SMF	1.70	2.09	3.79
Lucknow	SALEMPUR	LMF	2.00	2.00	4.00
Lucknow	SALEMPUR	SMF	2.00	1.67	3.67
Mahoba	REVAI	LMF	2.00	1.50	3.50
Mahoba	REVAI	SMF	1.96	1.86	3.82
Pratapghad	JARIYARI	LMF	2.00	2.40	4.40
Pratapghad	JARIYARI	SMF	1.59	2.29	3.88
Pratapghad	KOTIYAHE	LMF	2.00	3.00	5.00
Pratapghad	KOTIYAHE	SMF	2.00	2.93	4.93
Pratapghad	RATANMAI	LMF	2.00	3.00	5.00
Pratapghad	RATANMAI	SMF	1.96	1.18	3.14
Pratapghad	SACHOLI	LMF	1.83	2.17	4.00
Pratapghad	SACHOLI	SMF	1.79	2.13	3.92
Pratapghad	SINGTHI KHALSHA	LMF	2.00	1.25	3.25
Pratapghad	SINGTHI KHALSHA	SMF	1.93	2.00	3.93

District	Watershed	Farmer Category	Education of children - Yes	Level of Education	Total
Sitapur	ARBAPUR	LMF	1.77	1.95	3.73
Sitapur	ARBAPUR	SMF	1.88	2.13	4.00
Sitapur	DARIYAPUR	LMF	2.00	1.00	3.00
Sitapur	DARIYAPUR	SMF	1.83	2.09	3.91
Sitapur	GHAILA	LMF	2.00	1.00	3.00
Sitapur	GHAILA	SMF	1.95	1.68	3.64
Sitapur	JIHURA	LMF	1.60	1.00	2.60
Sitapur	JIHURA	SMF	1.81	1.32	3.13
Sitapur	MAJIYA	LMF	2.00	1.50	3.50
Sitapur	MAJIYA	SMF	1.73	1.50	3.23
Sitapur	MALETHU	LMF	0.00	0.00	-
Sitapur	MALETHU	SMF	1.76	1.90	3.66
Sitapur	MUDIYARA	LMF	1.75	2.00	3.75
Sitapur	MUDIYARA	SMF	1.67	1.52	3.19
Sitapur	NARASINDOULI	LMF	1.00	1.00	2.00
Sitapur	NARASINDOULI	SMF	1.78	1.57	3.35
Sitapur	PARSAPUR	LMF	1.67	2.67	4.33
Sitapur	PARSAPUR	SMF	1.85	2.08	3.92
Sitapur	TURSENA	LMF	1.75	1.75	3.50
Sitapur	TURSENA	SMF	1.73	1.86	3.59
Sonbhadra	BAHERA	LMF	1.25	2.25	3.50
Sonbhadra	BAHERA	SMF	1.69	2.54	4.23
Sonbhadra	GARAI DEEH	LMF	1.31	1.54	2.85
Sonbhadra	GARAI DEEH	SMF	1.20	1.20	2.40
Sonbhadra	JUDAVARIYA	LMF	1.41	1.82	3.23
Sonbhadra	JUDAVARIYA	SMF	1.23	1.54	2.77
Sonbhadra	KHARAIDEEH	LMF	1.75	1.50	3.25

District	Watershed	Farmer Category	Education of children - Yes	Level of Education	Total
Sonbhadra	KHARAIDEEH	SMF	1.88	1.38	3.25
Sonbhadra	SHAPER	LMF	1.33	1.17	2.50
Sonbhadra	SHAPER	SMF	1.60	1.47	3.07
Varan asi	CHILLBILA	LMF	2.00	2.75	4.75
Varan asi	CHILLBILA	SMF	1.58	1.81	3.38
Varan asi	GHOSAIPUR MOHAV	LMF	2.00	2.00	4.00
Varan asi	GHOSAIPUR MOHAV	SMF	1.80	1.63	3.43
Varan asi	KOTVA	LMF	1.00	1.00	2.00
Varan asi	KOTVA	SMF	1.41	2.00	3.41
Varan asi	KUDI	LMF	1.33	2.00	3.33
Varan asi	KUDI	SMF	1.45	2.30	3.75
Varan asi	SALARPUR	LMF	2.00	1.50	3.50
Varan asi	SALARPUR	SMF	1.78	2.00	3.78

Table 47 Watershed wise average scores for all sub components – Health and nutritional care

District	Watershed	Farmer Category	Health	Nutritional care	Total
Agra	BIRHARU	LMF	1.86	2.67	4.52
Agra	BIRHARU	SMF	2.00	2.93	4.93
Agra	KUKAWAR	LMF	2.00	3.00	5.00
Agra	KUKAWAR	SMF	2.00	2.97	4.97
Agra	LAHCHOURA	LMF	2.00	3.00	5.00
Agra	LAHCHOURA	SMF	1.95	2.90	4.85
Agra	NAGALA INAMI	LMF	2.00	3.00	5.00
Agra	NAGALA INAMI	SMF	2.00	2.96	4.96
Agra	PANAUTA	LMF	2.00	3.00	5.00
Agra	PANAUTA	SMF	2.00	2.94	4.94
Agra	SIKANDARPUR	LMF	2.00	2.83	4.83
Agra	SIKANDARPUR	SMF	1.97	2.94	4.91
Agra	SYARMAU	LMF	2.00	3.00	5.00
Agra	SYARMAU	SMF	1.77	2.91	4.69
Agra	TAHARPUR	LMF	2.00	3.00	5.00
Agra	TAHARPUR	SMF	2.00	3.00	5.00
Agra	TEHARA I	LMF	2.00	3.00	5.00
Agra	TEHARA I	SMF	1.97	3.00	4.97
Agra	TEHARA II	LMF	1.83	3.00	4.83
Agra	TEHARA II	SMF	1.69	3.00	4.69
Ambedkar Nagar	AMOULI	LMF	2.00	3.00	5.00
Ambedkar Nagar	AMOULI	SMF	2.00	3.00	5.00
Ambedkar Nagar	AMROULA	LMF	2.00	2.88	4.88
Ambedkar Nagar	AMROULA	SMF	2.00	3.00	5.00
Ambedkar Nagar	DAWOODPUR	LMF	2.00	3.00	5.00
Ambedkar Nagar	DAWOODPUR	SMF	2.00	3.00	5.00
Ambedkar Nagar	MACHLIGOAN	LMF	2.00	3.00	5.00
Ambedkar Nagar	MACHLIGOAN	SMF	2.00	3.00	5.00

District	Watershed	Farmer Category	Health	Nutritional care	Total
Ambedkar Nagar	MIRZAPUR	LMF	1.80	3.00	4.80
Ambedkar Nagar	MIRZAPUR	SMF	1.97	2.97	4.94
Baharaich	ADAGODAVA	LMF	1.83	3.00	4.83
Baharaich	ADAGODAVA	SMF	1.93	2.96	4.89
Baharaich	AGAPUR	LMF	2.00	3.00	5.00
Baharaich	AGAPUR	SMF	2.00	3.00	5.00
Baharaich	GHULARIYA GHAJIPUR	LMF	2.00	3.00	5.00
Baharaich	GHULARIYA GHAJIPUR	SMF	2.00	3.00	5.00
Baharaich	MOGHELA	LMF	2.00	3.00	5.00
Baharaich	MOGHELA	SMF	2.00	3.00	5.00
Baharaich	NAROTHAMPUR	LMF	2.00	3.00	5.00
Baharaich	NAROTHAMPUR	SMF	2.00	2.95	4.95
Baharaich	RAJWAPUR	LMF	2.00	3.00	5.00
Baharaich	RAJWAPUR	SMF	2.00	3.00	5.00
Baharaich	SARAI ALI	LMF	2.00	3.00	5.00
Baharaich	SARAI ALI	SMF	2.00	3.00	5.00
Baharaich	SARRAKALA	LMF	0.00	3.00	3.00
Baharaich	SARRAKALA	SMF	1.90	2.85	4.75
Baharaich	SATHJORE	LMF	2.00	3.00	5.00
Baharaich	SATHJORE	SMF	2.00	3.00	5.00
Baharaich	TEJWAPUR	LMF	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	2.00	3.00	5.00
Balrampur	BADAGAON	LMF	2.00	3.00	5.00
Balrampur	BADAGAON	SMF	2.00	3.00	5.00
Balrampur	BELOKEPUR	LMF	0.00	0.00	-
Balrampur	BELOKEPUR	SMF	1.88	2.86	4.74
Balrampur	LAHERI	LMF	2.00	3.00	5.00
Balrampur	LAHERI	SMF	2.00	3.00	5.00
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	1.95	2.94	4.89

District	Watershed	Farmer Category	Health	Nutritional care	Total
Balrampur	NAVANAGAR	LMF	2.00	3.00	5.00
Balrampur	NAVANAGAR	SMF	2.00	2.96	4.96
Chandouli	BARTHRAKALA	LMF	2.00	2.67	4.67
Chandouli	BARTHRAKALA	SMF	2.00	3.00	5.00
Chandouli	BASANTHPUR	LMF	2.00	3.00	5.00
Chandouli	BASANTHPUR	SMF	2.00	3.00	5.00
Chandouli	KHALBHAL	LMF	2.00	3.00	5.00
Chandouli	KHALBHAL	SMF	2.00	3.00	5.00
Chandouli	PREMAPUR	LMF	2.00	3.00	5.00
Chandouli	PREMAPUR	SMF	1.83	2.83	4.67
Chandouli	YOGIYAKALA	LMF	2.00	3.00	5.00
Chandouli	YOGIYAKALA	SMF	2.00	3.00	5.00
Hamirpur	BEELPUR	LMF	2.00	3.00	5.00
Hamirpur	BEELPUR	SMF	2.00	3.00	5.00
Hamirpur	BHAUNIA	LMF	2.00	3.00	5.00
Hamirpur	BHAUNIA	SMF	2.00	3.00	5.00
Hamirpur	GHAULI	LMF	2.00	3.00	5.00
Hamirpur	GHAULI	SMF	2.00	3.00	5.00
Hamirpur	GOURIBADANPUR	LMF	2.00	3.00	5.00
Hamirpur	GOURIBADANPUR	SMF	2.00	3.00	5.00
Hamirpur	ICHAULI	LMF	2.00	3.00	5.00
Hamirpur	ICHAULI	SMF	2.00	3.00	5.00
Hamirpur	KUMHOUPUR	LMF	2.00	3.00	5.00
Hamirpur	KUMHOUPUR	SMF	2.00	3.00	5.00
Hamirpur	MOUHER	LMF	2.00	3.00	5.00
Hamirpur	MOUHER	SMF	2.00	3.00	5.00
Hamirpur	NADEHRA	LMF	2.00	3.00	5.00
Hamirpur	NADEHRA	SMF	2.00	3.00	5.00
Hamirpur	PAREHATA	LMF	2.00	2.96	4.96
Hamirpur	PAREHATA	SMF	2.00	2.91	4.91

District	Watershed	Farmer Category	Health	Nutritional care	Total
Jalaun	BETWA RIVER	LMF	2.00	2.83	4.83
Jalaun	BETWA RIVER	SMF	1.90	2.90	4.80
Jalaun	CHILLI	LMF	2.00	2.88	4.88
Jalaun	CHILLI	SMF	2.00	3.00	5.00
Jalaun	JAISARI	LMF	1.50	3.00	4.50
Jalaun	JAISARI	SMF	1.90	2.86	4.76
Jalaun	NIPANIA	LMF	2.00	3.00	5.00
Jalaun	NIPANIA	SMF	1.92	2.92	4.84
Jalaun	SARAINI	LMF	2.00	2.75	4.75
Jalaun	SARAINI	SMF	2.00	2.67	4.67
Jhansi	HATI	LMF	2.00	3.00	5.00
Jhansi	HATI	SMF	2.00	3.00	5.00
Jhansi	LABHERA	LMF	2.00	3.00	5.00
Jhansi	LABHERA	SMF	1.94	2.94	4.89
Jhansi	NAKERA	LMF	2.00	3.00	5.00
Jhansi	NAKERA	SMF	2.00	3.00	5.00
Jhansi	PATHA I	LMF	1.95	2.95	4.91
Jhansi	PATHA I	SMF	2.00	3.00	5.00
Jhansi	SUKWA	LMF	2.00	2.75	4.75
Jhansi	SUKWA	SMF	2.00	3.00	5.00
Lakhimpur Khiri	AURANGABAD	LMF	2.00	3.00	5.00
Lakhimpur Khiri	AURANGABAD	SMF	1.97	2.92	4.89
Lakhimpur Khiri	CHAPARTALA	LMF	2.00	3.00	5.00
Lakhimpur Khiri	CHAPARTALA	SMF	1.90	3.00	4.90
Lakhimpur Khiri	MAIGALGUNJ	LMF	2.00	3.00	5.00
Lakhimpur Khiri	MAIGALGUNJ	SMF	2.00	3.00	5.00
Lakhimpur Khiri	ODRAHA	LMF	2.00	3.00	5.00
Lakhimpur Khiri	ODRAHA	SMF	2.00	3.00	5.00
Lakhimpur Khiri	PAKARIYA	LMF	2.00	3.00	5.00
Lakhimpur Khiri	PAKARIYA	SMF	1.95	3.00	4.95

District	Watershed	Farmer Category	Health	Nutritional care	Total
Lalithpur	BALNA	LMF	2.00	3.00	5.00
Lalithpur	BALNA	SMF	1.94	3.00	4.94
Lalithpur	GORA KATHA	LMF	2.00	3.00	5.00
Lalithpur	GORA KATHA	SMF	2.00	3.00	5.00
Lalithpur	KARITORAN	LMF	2.00	3.00	5.00
Lalithpur	KARITORAN	SMF	2.00	3.00	5.00
Lalithpur	KHUTGUAN	LMF	2.00	3.00	5.00
Lalithpur	KHUTGUAN	SMF	2.00	3.00	5.00
Lalithpur	PIPARAYIA PALLI	LMF	2.00	3.00	5.00
Lalithpur	PIPARAYIA PALLI	SMF	2.00	3.00	5.00
Lalithpur	REGRAVANI	LMF	2.00	3.00	5.00
Lalithpur	REGRAVANI	SMF	2.00	3.00	5.00
Lalithpur	RIHAPUR	LMF	2.00	3.00	5.00
Lalithpur	RIHAPUR	SMF	2.00	3.00	5.00
Lalithpur	SIREN	LMF	1.94	3.00	4.94
Lalithpur	SIREN	SMF	2.00	3.00	5.00
Lalithpur	UMRIYA DONGRA	LMF	2.00	3.00	5.00
Lalithpur	UMRIYA DONGRA	SMF	2.00	3.00	5.00
Lalithpur	VYAHARPURA	LMF	2.00	3.00	5.00
Lalithpur	VYAHARPURA	SMF	2.00	3.00	5.00
Lucknow	BHAWRAKALA	LMF	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	2.00	3.00	5.00
Lucknow	CHAMARTALIYA	LMF	2.00	3.00	5.00
Lucknow	CHAMARTALIYA	SMF	2.00	3.00	5.00
Lucknow	GUSKAR	LMF	2.00	3.00	5.00
Lucknow	GUSKAR	SMF	2.00	3.00	5.00
Lucknow	KEWALI	LMF	2.00	3.00	5.00
Lucknow	KEWALI	SMF	2.00	3.00	5.00
Lucknow	SALEMPUR	LMF	2.00	3.00	5.00
Lucknow	SALEMPUR	SMF	2.00	3.00	5.00

District	Watershed	Farmer Category	Health	Nutritional care	Total
Mahoba	REVAI	LMF	2.00	3.00	5.00
Mahoba	REVAI	SMF	2.00	3.00	5.00
Pratapghad	JARIYARI	LMF	2.00	2.80	4.80
Pratapghad	JARIYARI	SMF	2.00	3.00	5.00
Pratapghad	KOTIYAHE	LMF	2.00	3.00	5.00
Pratapghad	KOTIYAHE	SMF	2.00	3.00	5.00
Pratapghad	RATANMAI	LMF	2.00	3.00	5.00
Pratapghad	RATANMAI	SMF	2.00	3.00	5.00
Pratapghad	SACHOLI	LMF	2.00	3.00	5.00
Pratapghad	SACHOLI	SMF	1.96	3.00	4.96
Pratapghad	SINGTHI KHALSHA	LMF	2.00	3.00	5.00
Pratapghad	SINGTHI KHALSHA	SMF	2.00	3.00	5.00
Sitapur	ARBAPUR	LMF	1.95	3.00	4.95
Sitapur	ARBAPUR	SMF	2.00	3.00	5.00
Sitapur	DARIYAPUR	LMF	2.00	3.00	5.00
Sitapur	DARIYAPUR	SMF	2.00	3.00	5.00
Sitapur	GHAILA	LMF	2.00	3.00	5.00
Sitapur	GHAILA	SMF	2.00	2.95	4.95
Sitapur	JIHURA	LMF	2.00	3.00	5.00
Sitapur	JIHURA	SMF	1.97	2.71	4.68
Sitapur	MAJIYA	LMF	2.00	2.75	4.75
Sitapur	MAJIYA	SMF	1.91	2.91	4.82
Sitapur	MALETHU	LMF	0.00	0.00	-
Sitapur	MALETHU	SMF	2.00	3.00	5.00
Sitapur	MUDIYARA	LMF	2.00	3.00	5.00
Sitapur	MUDIYARA	SMF	2.00	2.90	4.90
Sitapur	NARASINDOULI	LMF	2.00	3.00	5.00
Sitapur	NARASINDOULI	SMF	1.87	2.82	4.69
Sitapur	PARSAPUR	LMF	2.00	3.00	5.00
Sitapur	PARSAPUR	SMF	2.00	3.00	5.00

District	Watershed	Farmer Category	Health	Nutritional care	Total
Sitapur	TURSENA	LMF	2.00	3.00	5.00
Sitapur	TURSENA	SMF	2.00	3.00	5.00
Sonbhadra	BAHERA	LMF	2.00	3.00	5.00
Sonbhadra	BAHERA	SMF	1.92	2.90	4.82
Sonbhadra	GARAI DEEH	LMF	2.00	2.92	4.92
Sonbhadra	GARAI DEEH	SMF	2.00	2.75	4.75
Sonbhadra	JUDAVARIYA	LMF	2.00	2.90	4.90
Sonbhadra	JUDAVARIYA	SMF	2.00	2.92	4.92
Sonbhadra	KHARAIDEEH	LMF	2.00	3.00	5.00
Sonbhadra	KHARAIDEEH	SMF	1.88	3.00	4.88
Sonbhadra	SHAPER	LMF	1.80	2.80	4.60
Sonbhadra	SHAPER	SMF	2.00	2.87	4.87
Varan asi	CHILLBILA	LMF	2.00	3.00	5.00
Varan asi	CHILLBILA	SMF	2.00	3.00	5.00
Varan asi	GHOSAIPUR MOHAV	LMF	2.00	3.00	5.00
Varan asi	GHOSAIPUR MOHAV	SMF	1.94	3.00	4.94
Varan asi	KOTVA	LMF	2.00	3.00	5.00
Varan asi	KOTVA	SMF	2.00	2.96	4.96
Varan asi	KUDI	LMF	2.00	3.00	5.00
Varan asi	KUDI	SMF	2.00	2.95	4.95
Varan asi	SALARPUR	LMF	1.00	3.00	4.00
Varan asi	SALARPUR	SMF	1.92	2.94	4.86

Table 48 Watershed wise average scores for all sub components – Additional expenditure

District	Watershed	Farmer Category	Additional expenditure - Increased	Total
Agra	BIRHARU	LMF	2.33	2.33
Agra	BIRHARU	SMF	2.28	2.28
Agra	KUKAWAR	LMF	3.00	3.00
Agra	KUKAWAR	SMF	2.00	2.00
Agra	LAHCHOURA	LMF	2.50	2.50
Agra	LAHCHOURA	SMF	3.29	3.29
Agra	NAGALA INAMI	LMF	2.00	2.00
Agra	NAGALA INAMI	SMF	1.33	1.33
Agra	PANAUTA	LMF	1.00	1.00
Agra	PANAUTA	SMF	1.70	1.70
Agra	SIKANDARPUR	LMF	2.83	2.83
Agra	SIKANDARPUR	SMF	2.53	2.53
Agra	SYARMAU	LMF	3.00	3.00
Agra	SYARMAU	SMF	2.80	2.80
Agra	TAHARPUR	LMF	3.00	3.00
Agra	TAHARPUR	SMF	2.81	2.81
Agra	TEHARA I	LMF	3.00	3.00
Agra	TEHARA I	SMF	2.46	2.46
Agra	TEHARA II	LMF	3.82	3.82
Agra	TEHARA II	SMF	3.54	3.54
Ambedkar Nagar	AMOULI	LMF	2.13	2.13
Ambedkar Nagar	AMOULI	SMF	1.86	1.86
Ambedkar Nagar	AMROULA	LMF	2.50	2.50
Ambedkar Nagar	AMROULA	SMF	2.70	2.70
Ambedkar Nagar	DAWOODPUR	LMF	4.17	4.17

District	Watershed	Farmer Category	Additional expenditure - Increased	Total
Ambedkar Nagar	DAWOODPUR	SMF	3.07	3.07
Ambedkar Nagar	MACHLIGOAN	LMF	3.11	3.11
Ambedkar Nagar	MACHLIGOAN	SMF	2.86	2.86
Ambedkar Nagar	MIRZAPUR	LMF	2.80	2.80
Ambedkar Nagar	MIRZAPUR	SMF	2.74	2.74
Baharaich	ADAGODAVA	LMF	3.43	3.43
Baharaich	ADAGODAVA	SMF	3.38	3.38
Baharaich	AGAPUR	LMF	1.50	1.50
Baharaich	AGAPUR	SMF	2.48	2.48
Baharaich	GHULARIYA GHAIJIPUR	LMF	4.33	4.33
Baharaich	GHULARIYA GHAIJIPUR	SMF	3.83	3.83
Baharaich	MOGHELA	LMF	3.20	3.20
Baharaich	MOGHELA	SMF	2.58	2.58
Baharaich	NAROTHAMPUR	LMF	3.67	3.67
Baharaich	NAROTHAMPUR	SMF	2.75	2.75
Baharaich	RAJWAPUR	LMF	3.45	3.45
Baharaich	RAJWAPUR	SMF	2.95	2.95
Baharaich	SARAI ALI	LMF	1.00	1.00
Baharaich	SARAI ALI	SMF	1.93	1.93
Baharaich	SARRAKALA	LMF	2.00	2.00
Baharaich	SARRAKALA	SMF	3.96	3.96
Baharaich	SATHJORE	LMF	1.33	1.33
Baharaich	SATHJORE	SMF	2.82	2.82
Baharaich	TEJWAPUR	LMF	0.00	-
Baharaich	TEJWAPUR	SMF	3.00	3.00
Balrampur	BADAGAON	LMF	1.33	1.33
Balrampur	BADAGAON	SMF	2.12	2.12

District	Watershed	Farmer Category	Additional expenditure - Increased	Total
Balrampur	BELOKEPUR	LMF	0.00	-
Balrampur	BELOKEPUR	SMF	3.17	3.17
Balrampur	LAHERI	LMF	3.40	3.40
Balrampur	LAHERI	SMF	2.67	2.67
Balrampur	MAHADEV GHOSAI	LMF	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	2.85	2.85
Balrampur	NAVANAGAR	LMF	3.50	3.50
Balrampur	NAVANAGAR	SMF	3.68	3.68
Chandouli	BARTHRAKALA	LMF	2.33	2.33
Chandouli	BARTHRAKALA	SMF	3.33	3.33
Chandouli	BASANTHPUR	LMF	3.00	3.00
Chandouli	BASANTHPUR	SMF	2.00	2.00
Chandouli	KHALBHAL	LMF	3.22	3.22
Chandouli	KHALBHAL	SMF	5.00	5.00
Chandouli	PREMAPUR	LMF	3.78	3.78
Chandouli	PREMAPUR	SMF	4.15	4.15
Chandouli	YOGIYAKALA	LMF	1.96	1.96
Chandouli	YOGIYAKALA	SMF	1.00	1.00
Hamirpur	BEELPUR	LMF	3.38	3.38
Hamirpur	BEELPUR	SMF	3.26	3.26
Hamirpur	BHAUNIA	LMF	2.55	2.55
Hamirpur	BHAUNIA	SMF	2.78	2.78
Hamirpur	GHAULI	LMF	2.35	2.35
Hamirpur	GHAULI	SMF	3.06	3.06
Hamirpur	GOURIBADANPUR	LMF	2.60	2.60
Hamirpur	GOURIBADANPUR	SMF	3.25	3.25
Hamirpur	ICHAULI	LMF	3.00	3.00

District	Watershed	Farmer Category	Additional expenditure - Increased	Total
Hamirpur	ICHAULI	SMF	3.07	3.07
Hamirpur	KUMHOUPUR	LMF	2.13	2.13
Hamirpur	KUMHOUPUR	SMF	1.92	1.92
Hamirpur	MOUHER	LMF	3.73	3.73
Hamirpur	MOUHER	SMF	2.75	2.75
Hamirpur	NADEHRA	LMF	2.56	2.56
Hamirpur	NADEHRA	SMF	2.42	2.42
Hamirpur	PAREHATA	LMF	2.87	2.87
Hamirpur	PAREHATA	SMF	2.50	2.50
Jalaun	BETWA RIVER	LMF	3.17	3.17
Jalaun	BETWA RIVER	SMF	2.90	2.90
Jalaun	CHILLI	LMF	2.27	2.27
Jalaun	CHILLI	SMF	2.78	2.78
Jalaun	JAISARI	LMF	2.50	2.50
Jalaun	JAISARI	SMF	1.91	1.91
Jalaun	NIPANIA	LMF	2.67	2.67
Jalaun	NIPANIA	SMF	2.31	2.31
Jalaun	SARAINI	LMF	3.25	3.25
Jalaun	SARAINI	SMF	3.40	3.40
Jhansi	HATI	LMF	2.19	2.19
Jhansi	HATI	SMF	2.42	2.42
Jhansi	LABHERA	LMF	1.92	1.92
Jhansi	LABHERA	SMF	2.41	2.41
Jhansi	NAKERA	LMF	2.22	2.22
Jhansi	NAKERA	SMF	3.00	3.00
Jhansi	PATHA I	LMF	2.36	2.36
Jhansi	PATHA I	SMF	2.53	2.53

District	Watershed	Farmer Category	Additional expenditure - Increased	Total
Jhansi	SUKWA	LMF	2.50	2.50
Jhansi	SUKWA	SMF	3.34	3.34
Lakhimpur Khiri	AURANGABAD	LMF	1.00	1.00
Lakhimpur Khiri	AURANGABAD	SMF	1.46	1.46
Lakhimpur Khiri	CHAPARTALA	LMF	2.50	2.50
Lakhimpur Khiri	CHAPARTALA	SMF	2.59	2.59
Lakhimpur Khiri	MAIGALGUNJ	LMF	4.00	4.00
Lakhimpur Khiri	MAIGALGUNJ	SMF	3.18	3.18
Lakhimpur Khiri	ODRAHA	LMF	1.50	1.50
Lakhimpur Khiri	ODRAHA	SMF	2.22	2.22
Lakhimpur Khiri	PAKARIYA	LMF	5.00	5.00
Lakhimpur Khiri	PAKARIYA	SMF	4.50	4.50
Lalithpur	BALNA	LMF	2.67	2.67
Lalithpur	BALNA	SMF	2.58	2.58
Lalithpur	GORA KATHA	LMF	5.00	5.00
Lalithpur	GORA KATHA	SMF	3.14	3.14
Lalithpur	KARITORAN	LMF	2.91	2.91
Lalithpur	KARITORAN	SMF	3.30	3.30
Lalithpur	KHUTGUAN	LMF	3.29	3.29
Lalithpur	KHUTGUAN	SMF	4.22	4.22
Lalithpur	PIPARAYIA PALLI	LMF	3.06	3.06
Lalithpur	PIPARAYIA PALLI	SMF	2.56	2.56
Lalithpur	REGRAVANI	LMF	3.36	3.36
Lalithpur	REGRAVANI	SMF	3.05	3.05
Lalithpur	RIHAPUR	LMF	2.13	2.13
Lalithpur	RIHAPUR	SMF	2.13	2.13
Lalithpur	SIREN	LMF	4.12	4.12

District	Watershed	Farmer Category	Additional expenditure - Increased	Total
Lalithpur	SIREN	SMF	3.17	3.17
Lalithpur	UMRIYA DONGRA	LMF	2.73	2.73
Lalithpur	UMRIYA DONGRA	SMF	3.50	3.50
Lalithpur	VYAHARPURA	LMF	3.67	3.67
Lalithpur	VYAHARPURA	SMF	3.89	3.89
Lucknow	BHAWRAKALA	LMF	0.00	-
Lucknow	BHAWRAKALA	SMF	3.31	3.31
Lucknow	CHAMARTALIYA	LMF	3.33	3.33
Lucknow	CHAMARTALIYA	SMF	3.19	3.19
Lucknow	GUSKAR	LMF	3.50	3.50
Lucknow	GUSKAR	SMF	2.83	2.83
Lucknow	KEWALI	LMF	1.00	1.00
Lucknow	KEWALI	SMF	3.71	3.71
Lucknow	SALEMPUR	LMF	5.00	5.00
Lucknow	SALEMPUR	SMF	3.18	3.18
Mahoba	REVAI	LMF	3.00	3.00
Mahoba	REVAI	SMF	3.00	3.00
Pratapghad	JARIYARI	LMF	2.80	2.80
Pratapghad	JARIYARI	SMF	2.59	2.59
Pratapghad	KOTIYAHE	LMF	3.00	3.00
Pratapghad	KOTIYAHE	SMF	2.36	2.36
Pratapghad	RATANMAI	LMF	0.00	-
Pratapghad	RATANMAI	SMF	2.30	2.30
Pratapghad	SACHOLI	LMF	4.67	4.67
Pratapghad	SACHOLI	SMF	4.41	4.41
Pratapghad	SINGTHI KHALSHA	LMF	2.00	2.00
Pratapghad	SINGTHI KHALSHA	SMF	4.14	4.14

District	Watershed	Farmer Category	Additional expenditure - Increased	Total
Sitapur	ARBAPUR	LMF	3.50	3.50
Sitapur	ARBAPUR	SMF	3.64	3.64
Sitapur	DARIYAPUR	LMF	2.00	2.00
Sitapur	DARIYAPUR	SMF	3.09	3.09
Sitapur	GHAILA	LMF	2.50	2.50
Sitapur	GHAILA	SMF	2.23	2.23
Sitapur	JIHURA	LMF	2.60	2.60
Sitapur	JIHURA	SMF	1.82	1.82
Sitapur	MAJIYA	LMF	4.50	4.50
Sitapur	MAJIYA	SMF	3.61	3.61
Sitapur	MALETHU	LMF	0.00	-
Sitapur	MALETHU	SMF	2.39	2.39
Sitapur	MUDIYARA	LMF	2.00	2.00
Sitapur	MUDIYARA	SMF	2.25	2.25
Sitapur	NARASINDOULI	LMF	1.00	1.00
Sitapur	NARASINDOULI	SMF	2.74	2.74
Sitapur	PARSAPUR	LMF	3.50	3.50
Sitapur	PARSAPUR	SMF	2.88	2.88
Sitapur	TURSENA	LMF	2.67	2.67
Sitapur	TURSENA	SMF	2.19	2.19
Sonbhadra	BAHERA	LMF	2.75	2.75
Sonbhadra	BAHERA	SMF	2.46	2.46
Sonbhadra	GARAI DEEH	LMF	4.23	4.23
Sonbhadra	GARAI DEEH	SMF	3.00	3.00
Sonbhadra	JUDAVARIYA	LMF	1.68	1.68
Sonbhadra	JUDAVARIYA	SMF	2.00	2.00
Sonbhadra	KHARAIDEEH	LMF	3.00	3.00

District	Watershed	Farmer Category	Additional expenditure - Increased	Total
Sonbhadra	KHARAIDEEH	SMF	2.17	2.17
Sonbhadra	SHAPER	LMF	3.83	3.83
Sonbhadra	SHAPER	SMF	2.13	2.13
Varan asi	CHILLBILA	LMF	3.25	3.25
Varan asi	CHILLBILA	SMF	3.05	3.05
Varan asi	GHOSAIPUR MOHAV	LMF	3.67	3.67
Varan asi	GHOSAIPUR MOHAV	SMF	3.90	3.90
Varan asi	KOTVA	LMF	5.00	5.00
Varan asi	KOTVA	SMF	3.15	3.15
Varan asi	KUDI	LMF	2.00	2.00
Varan asi	KUDI	SMF	1.67	1.67
Varan asi	SALARPUR	LMF	2.50	2.50
Varan asi	SALARPUR	SMF	2.39	2.39

Table 49 Watershed wise average scores for all sub components – Productive Assets

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Agra	BIRHARU	LMF	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2.00
Agra	BIRHARU	SMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	7.00
Agra	KUKAWAR	LMF	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	3.00
Agra	KUKAWAR	SMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	7.00
Agra	LAHCHOURA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Agra	LAHCHOURA	SMF	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	7.00
Agra	NAGALA INAMI	LMF	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2.00
Agra	NAGALA INAMI	SMF	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	5.00
Agra	PANAUTA	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.50	0.00	1.50
Agra	PANAUTA	SMF	0.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	5.00
Agra	SIKANDARPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Agra	SIKANDARPUR	SMF	1.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	3.00
Agra	SYARMAU	LMF	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	3.00
Agra	SYARMAU	SMF	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	3.00
Agra	TAHARPUR	LMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	4.00
Agra	TAHARPUR	SMF	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	6.00
Agra	TEHARA I	LMF	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	3.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Agra	TEHARA I	SMF	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	5.00
Agra	TEHARA II	LMF	1.00	0.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	4.00
Agra	TEHARA II	SMF	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	7.00
Ambedkar Nagar	AMOULI	LMF	0.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	5.00
Ambedkar Nagar	AMOULI	SMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	6.00
Ambedkar Nagar	AMROULA	LMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	4.00
Ambedkar Nagar	AMROULA	SMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	7.00
Ambedkar Nagar	DAWOODPUR	LMF	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	2.00
Ambedkar Nagar	DAWOODPUR	SMF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	9.00
Ambedkar Nagar	MACHLIGOAN	LMF	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	4.00
Ambedkar Nagar	MACHLIGOAN	SMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	6.00
Ambedkar Nagar	MIRZAPUR	LMF	1.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	4.00
Ambedkar Nagar	MIRZAPUR	SMF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	9.00
Baharaich	ADAGODAVA	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Baharaich	ADAGODAVA	SMF	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	3.00
Baharaich	AGAPUR	LMF	1.00	0.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	4.00
Baharaich	AGAPUR	SMF	0.00	0.00	1.00	0.00	1.00	1.00	1.00	1.00	0.00	5.00
Baharaich	GHULARIYA GHAIJIPUR	LMF	1.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	3.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Baharaich	GHULARIYA GHAJIPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
Baharaich	MOGHELA	LMF	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	8.00
Baharaich	MOGHELA	SMF	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	0.00	5.00
Baharaich	NAROTHAMPUR	LMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	4.00
Baharaich	NAROTHAMPUR	SMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00
Baharaich	RAJWAPUR	LMF	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	8.00
Baharaich	RAJWAPUR	SMF	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	1.00	7.00
Baharaich	SARAI ALI	LMF	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	2.00
Baharaich	SARAI ALI	SMF	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	6.00
Baharaich	SARRAKALA	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	2.00
Baharaich	SARRAKALA	SMF	1.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	3.00
Baharaich	SATHJORE	LMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	5.00
Baharaich	SATHJORE	SMF	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	6.00
Baharaich	TEJWAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	1.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	3.00
Balrampur	BADAGAON	LMF	0.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	4.00
Balrampur	BADAGAON	SMF	1.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	5.00
Balrampur	BELOKEPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Balrampur	BELOKEPUR	SMF	1.00	1.00	1.00	0.00	1.00	0.00	1.00	1.00	0.00	6.00
Balrampur	LAHERI	LMF	0.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	2.00
Balrampur	LAHERI	SMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	6.00
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	0.00	3.00
Balrampur	NAVANAGAR	LMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	6.00
Balrampur	NAVANAGAR	SMF	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	6.00
Chandouli	BARTHRAKALA	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	2.00
Chandouli	BARTHRAKALA	SMF	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	5.00
Chandouli	BASANTHPUR	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Chandouli	BASANTHPUR	SMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Chandouli	KHALBHAL	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Chandouli	KHALBHAL	SMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Chandouli	PREMAPUR	LMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	5.00
Chandouli	PREMAPUR	SMF	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	0.00	5.00
Chandouli	YOGIYAKALA	LMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	7.00
Chandouli	YOGIYAKALA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Hamirpur	BEELPUR	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	2.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Hamirpur	BEELPUR	SMF	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	6.00
Hamirpur	BHAUNIA	LMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	5.00
Hamirpur	BHAUNIA	SMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	6.00
Hamirpur	GHAULI	LMF	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	6.00
Hamirpur	GHAULI	SMF	1.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	4.00
Hamirpur	GOURIBADANPUR	LMF	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	4.00
Hamirpur	GOURIBADANPUR	SMF	1.00	0.00	0.00	1.00	0.00	1.00	0.00	1.00	0.00	4.00
Hamirpur	ICHAULI	LMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	6.00
Hamirpur	ICHAULI	SMF	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	4.00
Hamirpur	KUMHROUPUR	LMF	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	0.00	3.00
Hamirpur	KUMHROUPUR	SMF	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	2.00
Hamirpur	MOUHER	LMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	6.00
Hamirpur	MOUHER	SMF	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	4.00
Hamirpur	NADEHRA	LMF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	7.00
Hamirpur	NADEHRA	SMF	0.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	2.00
Hamirpur	PAREHATA	LMF	1.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	4.00
Hamirpur	PAREHATA	SMF	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	4.00
Jalaun	BETWA RIVER	LMF	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	2.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Jalaun	BETWA RIVER	SMF	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	2.00
Jalaun	CHILLI	LMF	0.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	6.00
Jalaun	CHILLI	SMF	1.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	3.00
Jalaun	JAISARI	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Jalaun	JAISARI	SMF	0.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	4.00
Jalaun	NIPANIA	LMF	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00
Jalaun	NIPANIA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Jalaun	SARAINI	LMF	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	3.00
Jalaun	SARAINI	SMF	0.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	5.00
Jhansi	HATI	LMF	0.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	5.00
Jhansi	HATI	SMF	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	3.00
Jhansi	LABHERA	LMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	6.00
Jhansi	LABHERA	SMF	0.00	0.00	1.00	0.00	0.00	1.00	0.00	1.00	0.00	3.00
Jhansi	NAKERA	LMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	6.00
Jhansi	NAKERA	SMF	0.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	4.00
Jhansi	PATHA I	LMF	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	9.00
Jhansi	PATHA I	SMF	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	7.00
Jhansi	SUKWA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Jhansi	SUKWA	SMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00
Lakhimpur Khiri	AURANGABAD	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lakhimpur Khiri	AURANGABAD	SMF	1.00	0.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00	4.00
Lakhimpur Khiri	CHAPARTALA	LMF	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	6.00
Lakhimpur Khiri	CHAPARTALA	SMF	0.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	4.00
Lakhimpur Khiri	MAIGALGUNJ	LMF	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	3.00
Lakhimpur Khiri	MAIGALGUNJ	SMF	1.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00	0.00	5.00
Lakhimpur Khiri	ODRAHA	LMF	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	3.00
Lakhimpur Khiri	ODRAHA	SMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Lakhimpur Khiri	PAKARIYA	LMF	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	4.00
Lakhimpur Khiri	PAKARIYA	SMF	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	2.00
Lalithpur	BALNA	LMF	0.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	4.00
Lalithpur	BALNA	SMF	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	3.00
Lalithpur	GORA KATHA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lalithpur	GORA KATHA	SMF	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00
Lalithpur	KARITORAN	LMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	7.00
Lalithpur	KARITORAN	SMF	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	7.00
Lalithpur	KHUTGUAN	LMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	5.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Lalithpur	KHUTGUAN	SMF	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	3.00
Lalithpur	PIPARAYIA PALLI	LMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	7.00
Lalithpur	PIPARAYIA PALLI	SMF	1.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	5.00
Lalithpur	REGRAVANI	LMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	6.00
Lalithpur	REGRAVANI	SMF	1.00	1.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	6.00
Lalithpur	RIHAPUR	LMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	4.00
Lalithpur	RIHAPUR	SMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	4.00
Lalithpur	SIREN	LMF	1.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	5.00
Lalithpur	SIREN	SMF	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Lalithpur	UMRIYA DONGRA	LMF	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	5.00
Lalithpur	UMRIYA DONGRA	SMF	1.00	1.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	5.00
Lalithpur	VYAHARPURA	LMF	0.00	0.00	1.00	1.00	0.00	0.00	0.00	1.00	0.00	3.00
Lalithpur	VYAHARPURA	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Lucknow	BHAWRAKALA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	1.00	0.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	4.00
Lucknow	CHAMARTALIYA	LMF	0.00	0.00	1.00	1.00	1.00	0.00	0.00	1.00	0.00	4.00
Lucknow	CHAMARTALIYA	SMF	1.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	6.00
Lucknow	GUSKAR	LMF	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Lucknow	GUSKAR	SMF	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	3.00
Lucknow	KEWALI	LMF	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	2.00
Lucknow	KEWALI	SMF	0.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	1.00	5.00
Lucknow	SALEMPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Lucknow	SALEMPUR	SMF	0.00	0.00	1.00	0.00	1.00	1.00	0.00	0.00	0.00	3.00
Mahoba	REVAI	LMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	5.00
Mahoba	REVAI	SMF	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	6.00
Pratapghad	JARIYARI	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Pratapghad	JARIYARI	SMF	1.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	4.00
Pratapghad	KOTIYAHE	LMF	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Pratapghad	KOTIYAHE	SMF	0.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	3.00
Pratapghad	RATANMAI	LMF	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	2.00
Pratapghad	RATANMAI	SMF	1.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	0.00	6.00
Pratapghad	SACHOLI	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Pratapghad	SACHOLI	SMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
Pratapghad	SINGTHI KHALSHA	LMF	1.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	4.00
Pratapghad	SINGTHI KHALSHA	SMF	1.00	1.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	7.00
Sitapur	ARBAPUR	LMF	1.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	3.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Sitapur	ARBAPUR	SMF	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	3.00
Sitapur	DARIYAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Sitapur	DARIYAPUR	SMF	0.00	0.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	5.00
Sitapur	GHAILA	LMF	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00
Sitapur	GHAILA	SMF	1.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	6.00
Sitapur	JIHURA	LMF	1.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	3.00
Sitapur	JIHURA	SMF	1.00	1.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	4.00
Sitapur	MAJIYA	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00
Sitapur	MAJIYA	SMF	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	0.00	5.00
Sitapur	MALETHU	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Sitapur	MALETHU	SMF	0.00	0.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00	3.00
Sitapur	MUDIYARA	LMF	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	3.00
Sitapur	MUDIYARA	SMF	0.00	0.00	1.00	1.00	0.00	1.00	1.00	1.00	0.00	5.00
Sitapur	NARASINDOULI	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00
Sitapur	NARASINDOULI	SMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	7.00
Sitapur	PARSAPUR	LMF	1.00	0.00	0.00	1.00	1.00	1.00	0.00	1.00	0.00	5.00
Sitapur	PARSAPUR	SMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	7.00
Sitapur	TURSENA	LMF	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	3.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Sitapur	TURSENA	SMF	1.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	0.00	5.00
Sonbhadra	BAHERA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Sonbhadra	BAHERA	SMF	0.00	0.00	1.00	1.00	0.00	1.00	0.00	1.00	0.00	4.00
Sonbhadra	GARAI DEEH	LMF	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	7.00
Sonbhadra	GARAI DEEH	SMF	1.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00
Sonbhadra	JUDAVARIYA	LMF	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00	6.00
Sonbhadra	JUDAVARIYA	SMF	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	2.00
Sonbhadra	KHARAIDEEH	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Sonbhadra	KHARAIDEEH	SMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Sonbhadra	SHAPER	LMF	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	2.00
Sonbhadra	SHAPER	SMF	0.00	0.00	0.00	1.00	1.00	1.00	0.00	0.00	0.00	3.00
Varanasi	CHILLBILA	LMF	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	2.00
Varanasi	CHILLBILA	SMF	1.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	0.00	4.00
Varanasi	GHOSAIPUR MOHAV	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Varanasi	GHOSAIPUR MOHAV	SMF	0.00	0.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	4.00
Varanasi	KOTVA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-
Varanasi	KOTVA	SMF	1.00	1.00	1.00	1.00	1.00	1.00	0.00	1.00	0.00	7.00
Varanasi	KUDI	LMF	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	2.00

District	Watershed	Farmer Category	Land Acquisition	Increasing Irrigation	Farming Machinery	Tractor	Dairy	Small Ruminants	Birds	Increased use of external inputs	Bio Gas unit	Total
Varanasi	KUDI	SMF	1.00	0.00	1.00	0.00	1.00	1.00	0.00	1.00	1.00	6.00
Varanasi	SALARPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.00
Varanasi	SALARPUR	SMF	1.00	1.00	1.00	1.00	1.00	0.00	1.00	1.00	0.00	7.00

Table 50 Watershed wise average scores for all components – Non productive assets

District	Watershed	Farmer Category	Construction of Farm house	Construction of Residential house	Pickup Van	Car	Motor Bike	Cycle	Total
Agra	BIRHARU	LMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Agra	BIRHARU	SMF	0.00	1.00	1.00	1.00	0.50	0.50	4.00
Agra	KUKAWAR	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Agra	KUKAWAR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Agra	LAHCHOURA	LMF	0.00	1.00	0.00	0.00	0.50	0.00	1.50
Agra	LAHCHOURA	SMF	1.00	1.00	1.00	1.00	0.50	0.50	5.00
Agra	NAGALA INAMI	LMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Agra	NAGALA INAMI	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Agra	PANAUTA	LMF	0.00	0.33	0.00	0.00	0.50	0.38	1.21
Agra	PANAUTA	SMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Agra	SIKANDARPUR	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Agra	SIKANDARPUR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Agra	SYARMAU	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Agra	SYARMAU	SMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Agra	TAHARPUR	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Agra	TAHARPUR	SMF	0.00	1.00	1.00	0.00	0.50	0.50	3.00
Agra	TEHARA I	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Agra	TEHARA I	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Agra	TEHARA II	LMF	0.00	1.00	1.00	0.00	0.50	0.50	3.00
Agra	TEHARA II	SMF	0.00	1.00	1.00	1.00	0.50	0.50	4.00
Ambedkar Nagar	AMOULI	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Ambedkar Nagar	AMOULI	SMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Ambedkar Nagar	AMROULA	LMF	0.00	0.00	0.00	1.00	0.50	0.50	2.00
Ambedkar Nagar	AMROULA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Ambedkar Nagar	DAWOODPUR	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Ambedkar Nagar	DAWOODPUR	SMF	1.00	1.00	1.00	1.00	0.50	0.50	5.00
Ambedkar Nagar	MACHLIGOAN	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Ambedkar Nagar	MACHLIGOAN	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Ambedkar Nagar	MIRZAPUR	LMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Ambedkar Nagar	MIRZAPUR	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00

District	Watershed	Farmer Category	Construction of Farm house	Construction of Residential house	Pickup Van	Car	Motor Bike	Cycle	Total
Baharaich	ADAGODAVA	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Baharaich	ADAGODAVA	SMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Baharaich	AGAPUR	LMF	0.00	0.00	0.00	0.00	0.50	0.00	0.50
Baharaich	AGAPUR	SMF	1.00	1.00	0.00	0.00	0.00	0.50	2.50
Baharaich	GHULARIYA GHAJIPUR	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Baharaich	GHULARIYA GHAJIPUR	SMF	1.00	0.00	0.00	1.00	0.50	0.50	3.00
Baharaich	MOGHELA	LMF	1.00	1.00	0.00	1.00	0.50	0.50	4.00
Baharaich	MOGHELA	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Baharaich	NAROTHAMPUR	LMF	0.00	1.00	1.00	1.00	0.50	0.50	4.00
Baharaich	NAROTHAMPUR	SMF	0.00	1.00	1.00	0.00	0.00	0.50	2.50
Baharaich	RAJWAPUR	LMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Baharaich	RAJWAPUR	SMF	0.00	1.00	1.00	0.00	0.50	0.50	3.00
Baharaich	SARAI ALI	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Baharaich	SARAI ALI	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Baharaich	SARRAKALA	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Baharaich	SARRAKALA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Baharaich	SATHJORE	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Baharaich	SATHJORE	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Baharaich	TEJWAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Balrampur	BADAGAON	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Balrampur	BADAGAON	SMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Balrampur	BELOKEPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	BELOKEPUR	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Balrampur	LAHERI	LMF	1.00	0.00	0.00	0.00	0.00	0.50	1.50
Balrampur	LAHERI	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Balrampur	NAVANAGAR	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Balrampur	NAVANAGAR	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Chandoli	BARTHRAKALA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Chandoli	BARTHRAKALA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00

District	Watershed	Farmer Category	Construction of Farm house	Construction of Residential house	Pickup Van	Car	Motor Bike	Cycle	Total
Chandouli	BASANTHPUR	LMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Chandouli	BASANTHPUR	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Chandouli	KHALBHAL	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Chandouli	KHALBHAL	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Chandouli	PREMAPUR	LMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Chandouli	PREMAPUR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Chandouli	YOGIYAKALA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Chandouli	YOGIYAKALA	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Hamirpur	BEELPUR	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Hamirpur	BEELPUR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Hamirpur	BHAUNIA	LMF	0.00	0.00	0.00	1.00	0.50	0.50	2.00
Hamirpur	BHAUNIA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Hamirpur	GHAULI	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Hamirpur	GHAULI	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Hamirpur	GOURIBADANPUR	LMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Hamirpur	GOURIBADANPUR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Hamirpur	ICHAULI	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Hamirpur	ICHAULI	SMF	0.00	1.00	1.00	1.00	0.50	0.50	4.00
Hamirpur	KUMHOUPUR	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Hamirpur	KUMHOUPUR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Hamirpur	MOUHER	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Hamirpur	MOUHER	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Hamirpur	NADEHRA	LMF	0.00	1.00	1.00	0.00	0.50	0.50	3.00
Hamirpur	NADEHRA	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Hamirpur	PAREHATA	LMF	0.00	1.00	1.00	1.00	0.50	0.50	4.00
Hamirpur	PAREHATA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Jalaun	BETWA RIVER	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Jalaun	BETWA RIVER	SMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Jalaun	CHILLI	LMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Jalaun	CHILLI	SMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Jalaun	JAISARI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Jalaun	JAISARI	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00

District	Watershed	Farmer Category	Construction of Farm house	Construction of Residential house	Pickup Van	Car	Motor Bike	Cycle	Total
Jalaun	NIPANIA	LMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Jalaun	NIPANIA	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Jalaun	SARAINI	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Jalaun	SARAINI	SMF	0.00	1.00	0.00	0.00	0.00	0.00	1.00
Jhansi	HATI	LMF	0.00	0.00	0.00	1.00	0.50	0.50	2.00
Jhansi	HATI	SMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Jhansi	LABHERA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Jhansi	LABHERA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Jhansi	NAKERA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Jhansi	NAKERA	SMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Jhansi	PATHA I	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Jhansi	PATHA I	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Jhansi	SUKWA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Jhansi	SUKWA	SMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Lakhimpur Khiri	AURANGABAD	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lakhimpur Khiri	AURANGABAD	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lakhimpur Khiri	CHAPARTALA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lakhimpur Khiri	CHAPARTALA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lakhimpur Khiri	MAIGALGUNJ	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Lakhimpur Khiri	MAIGALGUNJ	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Lakhimpur Khiri	ODRAHA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lakhimpur Khiri	ODRAHA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lakhimpur Khiri	PAKARIYA	LMF	1.00	1.00	0.00	1.00	0.50	0.50	4.00
Lakhimpur Khiri	PAKARIYA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	BALNA	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	BALNA	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	GORA KATHA	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Lalithpur	GORA KATHA	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	KARITORAN	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	KARITORAN	SMF	1.00	1.00	0.00	0.00	0.00	0.50	2.50
Lalithpur	KHUTGUAN	LMF	1.00	0.00	0.00	1.00	0.50	0.50	3.00
Lalithpur	KHUTGUAN	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00

District	Watershed	Farmer Category	Construction of Farm house	Construction of Residential house	Pickup Van	Car	Motor Bike	Cycle	Total
Lalithpur	PIPARAYIA PALLI	LMF	1.00	0.00	1.00	1.00	0.50	0.50	4.00
Lalithpur	PIPARAYIA PALLI	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	REGRAVANI	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	REGRAVANI	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	RIHAPUR	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Lalithpur	RIHAPUR	SMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Lalithpur	SIREN	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	SIREN	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	UMRIYA DONGRA	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	UMRIYA DONGRA	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	VYAHARPURA	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lalithpur	VYAHARPURA	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Lucknow	BHAWRAKALA	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Lucknow	CHAMARTALIYA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lucknow	CHAMARTALIYA	SMF	0.00	1.00	1.00	1.00	0.50	0.50	4.00
Lucknow	GUSKAR	LMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Lucknow	GUSKAR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lucknow	KEWALI	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lucknow	KEWALI	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Lucknow	SALEMPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Lucknow	SALEMPUR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Mahoba	REVAI	LMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Mahoba	REVAI	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Pratapghad	JARIYARI	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Pratapghad	JARIYARI	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Pratapghad	KOTIYAHE	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Pratapghad	KOTIYAHE	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Pratapghad	RATANMAI	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Pratapghad	RATANMAI	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Pratapghad	SACHOLI	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Pratapghad	SACHOLI	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00

District	Watershed	Farmer Category	Construction of Farm house	Construction of Residential house	Pickup Van	Car	Motor Bike	Cycle	Total
Pratapghad	SINGTHI KHALSHA	LMF	0.00	0.00	1.00	0.00	0.50	0.50	2.00
Pratapghad	SINGTHI KHALSHA	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Sitapur	ARBAPUR	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Sitapur	ARBAPUR	SMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Sitapur	DARIYAPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Sitapur	DARIYAPUR	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Sitapur	GHAILA	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Sitapur	GHAILA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Sitapur	JIHURA	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Sitapur	JIHURA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Sitapur	MAJIYA	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Sitapur	MAJIYA	SMF	1.00	1.00	0.00	0.00	0.00	0.50	2.50
Sitapur	MALETHU	LMF	0.00	0.00	0.00	0.00	0.00	0.00	-
Sitapur	MALETHU	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Sitapur	MUDIYARA	LMF	0.00	1.00	0.00	0.00	0.50	0.00	1.50
Sitapur	MUDIYARA	SMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Sitapur	NARASINDOULI	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Sitapur	NARASINDOULI	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Sitapur	PARSAPUR	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Sitapur	PARSAPUR	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Sitapur	TURSENA	LMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Sitapur	TURSENA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Sonbhadra	BAHERA	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Sonbhadra	BAHERA	SMF	1.00	1.00	0.00	0.00	0.50	0.50	3.00
Sonbhadra	GARAI DEEH	LMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Sonbhadra	GARAI DEEH	SMF	1.00	1.00	0.00	0.00	0.00	0.50	2.50
Sonbhadra	JUDAVARIYA	LMF	0.00	1.00	0.00	1.00	0.50	0.50	3.00
Sonbhadra	JUDAVARIYA	SMF	0.00	1.00	0.00	0.00	0.50	0.50	2.00
Sonbhadra	KHARAIDEEH	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Sonbhadra	KHARAIDEEH	SMF	0.00	1.00	0.00	0.00	0.00	0.50	1.50
Sonbhadra	SHAPER	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Sonbhadra	SHAPER	SMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50

District	Watershed	Farmer Category	Construction of Farm house	Construction of Residential house	Pickup Van	Car	Motor Bike	Cycle	Total
Varanasi	CHILLBI LA	LMF	0.00	0.00	0.00	0.00	0.50	0.50	1.00
Varanasi	CHILLBI LA	SMF	1.00	0.00	0.00	0.00	0.00	0.50	1.50
Varanasi	GHOSAIPUR MOHAV	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Varanasi	GHOSAIPUR MOHAV	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Varanasi	KOTVA	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Varanasi	KOTVA	SMF	1.00	0.00	0.00	1.00	0.50	0.50	3.00
Varanasi	KUDI	LMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Varanasi	KUDI	SMF	1.00	0.00	0.00	0.00	0.50	0.50	2.00
Varanasi	SALARPUR	LMF	0.00	0.00	0.00	0.00	0.00	0.50	0.50
Varanasi	SALARPUR	SMF	1.00	1.00	0.00	1.00	0.50	0.50	4.00

Table 51 Watershed wise average scores for all sub components – Social Assets

District	Watershed	Farmer Category	Mobile	Ornaments	Television	Total
Agra	BIRHARU	LMF	0.00	1.00	1.00	2.00
Agra	BIRHARU	SMF	0.00	1.00	1.00	2.00
Agra	KUKAWAR	LMF	0.50	1.00	1.00	2.50
Agra	KUKAWAR	SMF	0.50	1.00	1.00	2.50
Agra	LAHCHOURA	LMF	0.00	1.00	1.00	2.00
Agra	LAHCHOURA	SMF	0.50	1.00	1.00	2.50
Agra	NAGALA INAMI	LMF	0.00	0.00	1.00	1.00
Agra	NAGALA INAMI	SMF	0.00	1.00	1.00	2.00
Agra	PANAUTA	LMF	0.00	0.50	0.00	0.50
Agra	PANAUTA	SMF	0.50	1.00	1.00	2.50
Agra	SIKANDARPUR	LMF	0.50	1.00	1.00	2.50
Agra	SIKANDARPUR	SMF	0.50	1.00	1.00	2.50
Agra	SYARMAU	LMF	0.50	1.00	1.00	2.50
Agra	SYARMAU	SMF	0.50	1.00	1.00	2.50
Agra	TAHARPUR	LMF	0.50	1.00	1.00	2.50
Agra	TAHARPUR	SMF	0.50	1.00	1.00	2.50
Agra	TEHARA I	LMF	0.50	1.00	1.00	2.50
Agra	TEHARA I	SMF	0.50	1.00	1.00	2.50
Agra	TEHARA II	LMF	0.50	1.00	1.00	2.50
Agra	TEHARA II	SMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	AMOULI	LMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	AMOULI	SMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	AMROULA	LMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	AMROULA	SMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	DAWOODPUR	LMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	DAWOODPUR	SMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	MACHLIGOAN	LMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	MACHLIGOAN	SMF	0.50	1.00	1.00	2.50

District	Watershed	Farmer Category	Mobile	Ornaments	Television	Total
Ambedkar Nagar	MIRZAPUR	LMF	0.50	1.00	1.00	2.50
Ambedkar Nagar	MIRZAPUR	SMF	0.50	1.00	1.00	2.50
Baharaich	ADAGODAVA	LMF	0.00	1.00	1.00	2.00
Baharaich	ADAGODAVA	SMF	0.50	0.00	1.00	1.50
Baharaich	AGAPUR	LMF	0.50	1.00	1.00	2.50
Baharaich	AGAPUR	SMF	0.50	1.00	1.00	2.50
Baharaich	GHULARIYA GHAJIPUR	LMF	0.50	1.00	1.00	2.50
Baharaich	GHULARIYA GHAJIPUR	SMF	0.50	1.00	1.00	2.50
Baharaich	MOGHELA	LMF	0.50	1.00	1.00	2.50
Baharaich	MOGHELA	SMF	0.50	1.00	1.00	2.50
Baharaich	NAROTHAMPUR	LMF	0.50	1.00	1.00	2.50
Baharaich	NAROTHAMPUR	SMF	0.50	1.00	1.00	2.50
Baharaich	RAJWAPUR	LMF	0.00	1.00	1.00	2.00
Baharaich	RAJWAPUR	SMF	0.00	1.00	1.00	2.00
Baharaich	SARAI ALI	LMF	0.50	0.00	0.00	0.50
Baharaich	SARAI ALI	SMF	0.50	1.00	1.00	2.50
Baharaich	SARRAKALA	LMF	0.50	1.00	1.00	2.50
Baharaich	SARRAKALA	SMF	0.50	1.00	1.00	2.50
Baharaich	SATHJORE	LMF	0.50	1.00	1.00	2.50
Baharaich	SATHJORE	SMF	0.50	1.00	1.00	2.50
Baharaich	TEJWAPUR	LMF	0.00	0.00	0.00	-
Baharaich	TEJWAPUR	SMF	0.50	0.00	1.00	1.50
Balrampur	BADAGAON	LMF	0.50	1.00	1.00	2.50
Balrampur	BADAGAON	SMF	0.50	1.00	1.00	2.50
Balrampur	BELOKEPUR	LMF	0.00	0.00	0.00	-
Balrampur	BELOKEPUR	SMF	0.50	1.00	1.00	2.50
Balrampur	LAHERI	LMF	0.50	1.00	0.00	1.50
Balrampur	LAHERI	SMF	0.50	1.00	1.00	2.50
Balrampur	MAHADEV GHOSAI	LMF	0.00	0.00	0.00	-
Balrampur	MAHADEV GHOSAI	SMF	0.50	1.00	1.00	2.50

District	Watershed	Farmer Category	Mobile	Ornaments	Television	Total
Balrampur	NAVANAGAR	LMF	0.00	1.00	1.00	2.00
Balrampur	NAVANAGAR	SMF	0.00	1.00	1.00	2.00
Chandouli	BARTHRAKALA	LMF	0.50	1.00	1.00	2.50
Chandouli	BARTHRAKALA	SMF	0.50	1.00	1.00	2.50
Chandouli	BASANTHPUR	LMF	0.00	1.00	0.00	1.00
Chandouli	BASANTHPUR	SMF	0.00	1.00	0.00	1.00
Chandouli	KHALBHAL	LMF	0.50	0.00	1.00	1.50
Chandouli	KHALBHAL	SMF	0.00	0.00	1.00	1.00
Chandouli	PREMAPUR	LMF	0.50	1.00	1.00	2.50
Chandouli	PREMAPUR	SMF	0.50	1.00	1.00	2.50
Chandouli	YOGIYAKALA	LMF	0.50	0.00	1.00	1.50
Chandouli	YOGIYAKALA	SMF	0.50	0.00	0.00	0.50
Hamirpur	BEELPUR	LMF	0.50	1.00	1.00	2.50
Hamirpur	BEELPUR	SMF	0.50	1.00	1.00	2.50
Hamirpur	BHAUNIA	LMF	0.50	1.00	1.00	2.50
Hamirpur	BHAUNIA	SMF	0.50	1.00	1.00	2.50
Hamirpur	GHAULI	LMF	0.50	1.00	1.00	2.50
Hamirpur	GHAULI	SMF	0.50	1.00	1.00	2.50
Hamirpur	GOURIBADANPUR	LMF	0.50	1.00	1.00	2.50
Hamirpur	GOURIBADANPUR	SMF	0.50	1.00	1.00	2.50
Hamirpur	ICHAULI	LMF	0.50	1.00	1.00	2.50
Hamirpur	ICHAULI	SMF	0.50	1.00	1.00	2.50
Hamirpur	KUMHOUPUR	LMF	0.50	1.00	1.00	2.50
Hamirpur	KUMHOUPUR	SMF	0.50	1.00	1.00	2.50
Hamirpur	MOUHER	LMF	0.50	1.00	1.00	2.50
Hamirpur	MOUHER	SMF	0.50	1.00	1.00	2.50
Hamirpur	NADEHRA	LMF	0.50	1.00	1.00	2.50
Hamirpur	NADEHRA	SMF	0.50	1.00	1.00	2.50
Hamirpur	PAREHATA	LMF	0.50	1.00	1.00	2.50
Hamirpur	PAREHATA	SMF	0.50	1.00	1.00	2.50

District	Watershed	Farmer Category	Mobile	Ornaments	Television	Total
Jalaun	BETWA RIVER	LMF	0.50	0.00	0.00	0.50
Jalaun	BETWA RIVER	SMF	0.50	0.00	0.00	0.50
Jalaun	CHILLI	LMF	0.50	1.00	1.00	2.50
Jalaun	CHILLI	SMF	0.50	0.00	1.00	1.50
Jalaun	JAISARI	LMF	0.00	0.00	0.00	-
Jalaun	JAISARI	SMF	0.50	1.00	1.00	2.50
Jalaun	NIPANIA	LMF	0.00	0.00	0.00	-
Jalaun	NIPANIA	SMF	0.50	0.00	0.00	0.50
Jalaun	SARAINI	LMF	0.50	0.00	0.00	0.50
Jalaun	SARAINI	SMF	0.50	0.00	0.00	0.50
Jhansi	HATI	LMF	0.50	1.00	1.00	2.50
Jhansi	HATI	SMF	0.50	1.00	1.00	2.50
Jhansi	LABHERA	LMF	0.50	1.00	1.00	2.50
Jhansi	LABHERA	SMF	0.50	1.00	1.00	2.50
Jhansi	NAKERA	LMF	0.50	1.00	1.00	2.50
Jhansi	NAKERA	SMF	0.50	1.00	1.00	2.50
Jhansi	PATHA I	LMF	0.50	1.00	1.00	2.50
Jhansi	PATHA I	SMF	0.50	1.00	1.00	2.50
Jhansi	SUKWA	LMF	0.50	1.00	0.00	1.50
Jhansi	SUKWA	SMF	0.50	1.00	1.00	2.50
Lakhimpur Khiri	AURANGABAD	LMF	0.00	0.00	1.00	1.00
Lakhimpur Khiri	AURANGABAD	SMF	0.50	0.00	1.00	1.50
Lakhimpur Khiri	CHAPARTALA	LMF	0.50	1.00	1.00	2.50
Lakhimpur Khiri	CHAPARTALA	SMF	0.50	1.00	0.00	1.50
Lakhimpur Khiri	MAIGALGUNJ	LMF	0.00	1.00	1.00	2.00
Lakhimpur Khiri	MAIGALGUNJ	SMF	0.50	1.00	1.00	2.50
Lakhimpur Khiri	ODRAHA	LMF	0.00	1.00	1.00	2.00
Lakhimpur Khiri	ODRAHA	SMF	0.50	1.00	1.00	2.50
Lakhimpur Khiri	PAKARIYA	LMF	0.50	1.00	1.00	2.50
Lakhimpur Khiri	PAKARIYA	SMF	0.50	1.00	1.00	2.50

District	Watershed	Farmer Category	Mobile	Ornaments	Television	Total
Lalithpur	BALNA	LMF	0.50	1.00	1.00	2.50
Lalithpur	BALNA	SMF	0.50	0.00	1.00	1.50
Lalithpur	GORA KATHA	LMF	0.50	1.00	0.00	1.50
Lalithpur	GORA KATHA	SMF	0.50	1.00	1.00	2.50
Lalithpur	KARITORAN	LMF	0.50	1.00	0.00	1.50
Lalithpur	KARITORAN	SMF	0.50	1.00	0.00	1.50
Lalithpur	KHUTGUAN	LMF	0.50	1.00	1.00	2.50
Lalithpur	KHUTGUAN	SMF	0.50	1.00	1.00	2.50
Lalithpur	PIPARAYIA PALLI	LMF	0.50	1.00	1.00	2.50
Lalithpur	PIPARAYIA PALLI	SMF	0.50	1.00	1.00	2.50
Lalithpur	REGRAVANI	LMF	0.50	1.00	1.00	2.50
Lalithpur	REGRAVANI	SMF	0.50	1.00	1.00	2.50
Lalithpur	RIHAPUR	LMF	0.50	1.00	1.00	2.50
Lalithpur	RIHAPUR	SMF	0.50	1.00	1.00	2.50
Lalithpur	SIREN	LMF	0.50	1.00	1.00	2.50
Lalithpur	SIREN	SMF	0.50	1.00	0.00	1.50
Lalithpur	UMRIYA DONGRA	LMF	0.50	1.00	1.00	2.50
Lalithpur	UMRIYA DONGRA	SMF	0.50	1.00	1.00	2.50
Lalithpur	VYAHARPURA	LMF	0.50	0.00	0.00	0.50
Lalithpur	VYAHARPURA	SMF	0.50	0.00	1.00	1.50
Lucknow	BHAWRAKALA	LMF	0.00	0.00	0.00	-
Lucknow	BHAWRAKALA	SMF	0.50	1.00	1.00	2.50
Lucknow	CHAMARTALIYA	LMF	0.50	1.00	1.00	2.50
Lucknow	CHAMARTALIYA	SMF	0.50	1.00	1.00	2.50
Lucknow	GUSKAR	LMF	0.50	1.00	1.00	2.50
Lucknow	GUSKAR	SMF	0.50	1.00	1.00	2.50
Lucknow	KEWALI	LMF	0.50	1.00	1.00	2.50
Lucknow	KEWALI	SMF	0.50	1.00	1.00	2.50
Lucknow	SALEMPUR	LMF	0.50	1.00	1.00	2.50
Lucknow	SALEMPUR	SMF	0.50	1.00	1.00	2.50

District	Watershed	Farmer Category	Mobile	Ornaments	Television	Total
Mahoba	REVAI	LMF	0.00	1.00	1.00	2.00
Mahoba	REVAI	SMF	0.00	1.00	1.00	2.00
Pratapghad	JARIYARI	LMF	0.50	1.00	1.00	2.50
Pratapghad	JARIYARI	SMF	0.50	1.00	1.00	2.50
Pratapghad	KOTIYAHE	LMF	0.50	1.00	1.00	2.50
Pratapghad	KOTIYAHE	SMF	0.50	1.00	1.00	2.50
Pratapghad	RATANMAI	LMF	0.50	1.00	1.00	2.50
Pratapghad	RATANMAI	SMF	0.50	1.00	1.00	2.50
Pratapghad	SACHOLI	LMF	0.50	1.00	1.00	2.50
Pratapghad	SACHOLI	SMF	0.50	1.00	1.00	2.50
Pratapghad	SINGTHI KHALSHA	LMF	0.50	1.00	1.00	2.50
Pratapghad	SINGTHI KHALSHA	SMF	0.50	1.00	1.00	2.50
Sitapur	ARBAPUR	LMF	0.50	1.00	1.00	2.50
Sitapur	ARBAPUR	SMF	0.50	1.00	1.00	2.50
Sitapur	DARIYAPUR	LMF	0.00	0.00	0.00	-
Sitapur	DARIYAPUR	SMF	0.50	1.00	1.00	2.50
Sitapur	GHAILA	LMF	0.00	1.00	1.00	2.00
Sitapur	GHAILA	SMF	0.00	1.00	1.00	2.00
Sitapur	JIHURA	LMF	0.50	0.00	1.00	1.50
Sitapur	JIHURA	SMF	0.50	1.00	1.00	2.50
Sitapur	MAJIYA	LMF	0.00	0.00	0.00	-
Sitapur	MAJIYA	SMF	0.50	1.00	1.00	2.50
Sitapur	MALETHU	LMF	0.00	0.00	0.00	-
Sitapur	MALETHU	SMF	0.50	1.00	1.00	2.50
Sitapur	MUDIYARA	LMF	0.00	1.00	1.00	2.00
Sitapur	MUDIYARA	SMF	0.50	1.00	1.00	2.50
Sitapur	NARASINDOULI	LMF	0.00	0.00	0.00	-
Sitapur	NARASINDOULI	SMF	0.50	1.00	1.00	2.50
Sitapur	PARSAPUR	LMF	0.50	1.00	1.00	2.50
Sitapur	PARSAPUR	SMF	0.50	1.00	1.00	2.50

District	Watershed	Farmer Category	Mobile	Ornaments	Television	Total
Sitapur	TURSENA	LMF	0.50	1.00	1.00	2.50
Sitapur	TURSENA	SMF	0.50	1.00	1.00	2.50
Sonbhadra	BAHERA	LMF	0.00	0.00	0.00	-
Sonbhadra	BAHERA	SMF	0.50	1.00	1.00	2.50
Sonbhadra	GARAI DEEH	LMF	0.00	1.00	1.00	2.00
Sonbhadra	GARAI DEEH	SMF	0.00	0.00	1.00	1.00
Sonbhadra	JUDAVARIYA	LMF	0.50	0.00	1.00	1.50
Sonbhadra	JUDAVARIYA	SMF	0.50	0.00	1.00	1.50
Sonbhadra	KHARAIDEEH	LMF	0.00	0.00	0.00	-
Sonbhadra	KHARAIDEEH	SMF	0.00	0.00	0.00	-
Sonbhadra	SHAPER	LMF	0.00	0.00	0.00	-
Sonbhadra	SHAPER	SMF	0.00	0.00	0.00	-
Varan asi	CHILLBILA	LMF	0.50	1.00	1.00	2.50
Varan asi	CHILLBILA	SMF	0.50	1.00	1.00	2.50
Varan asi	GHOSAIPUR MOHAV	LMF	0.50	0.00	1.00	1.50
Varan asi	GHOSAIPUR MOHAV	SMF	0.50	1.00	1.00	2.50
Varan asi	KOTVA	LMF	0.00	1.00	1.00	2.00
Varan asi	KOTVA	SMF	0.50	1.00	1.00	2.50
Varan asi	KUDI	LMF	0.50	0.00	1.00	1.50
Varan asi	KUDI	SMF	0.50	0.00	1.00	1.50
Varan asi	SALARPUR	LMF	0.50	1.00	1.00	2.50
Varan asi	SALARPUR	SMF	0.50	1.00	1.00	2.50