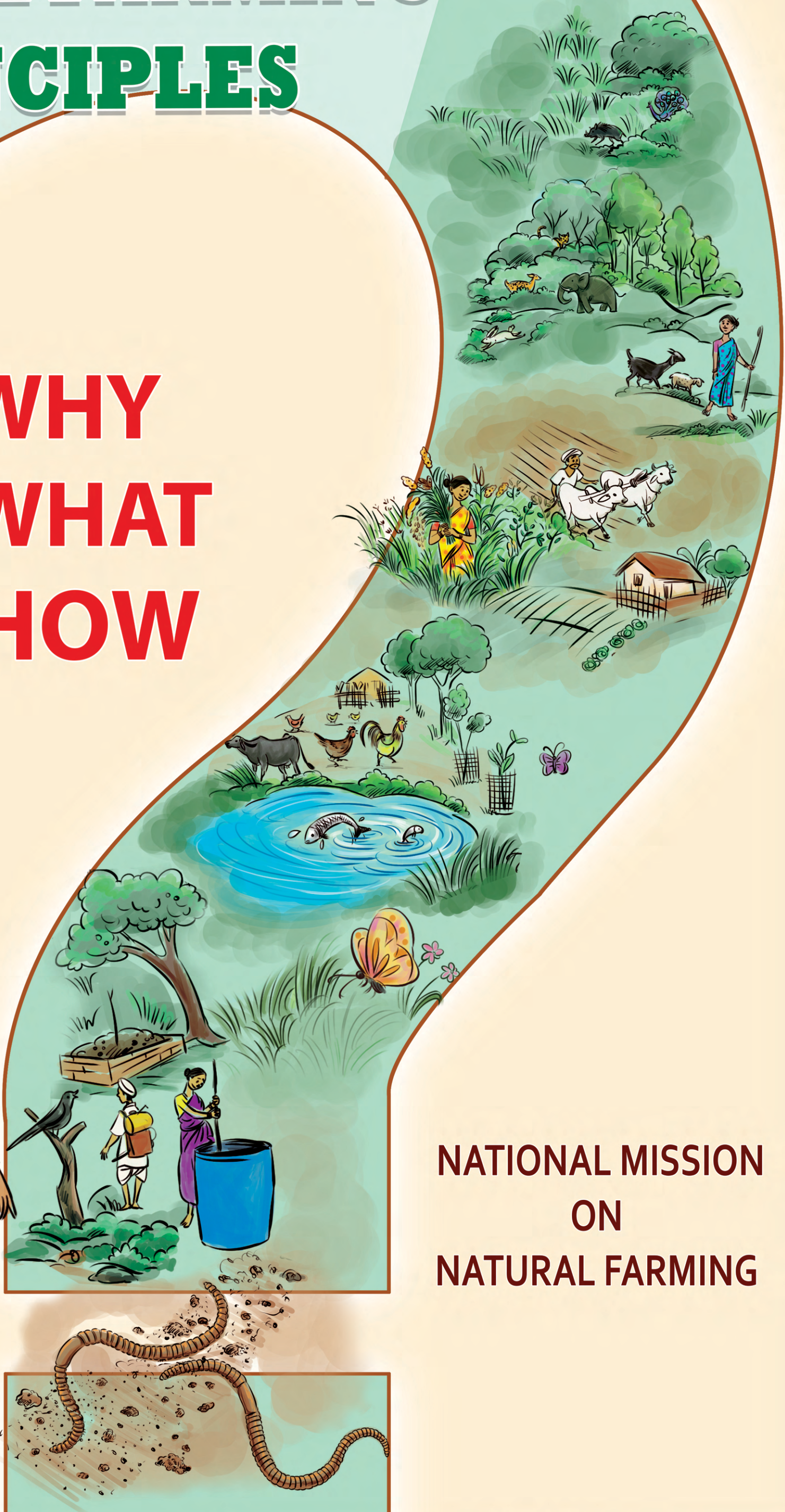
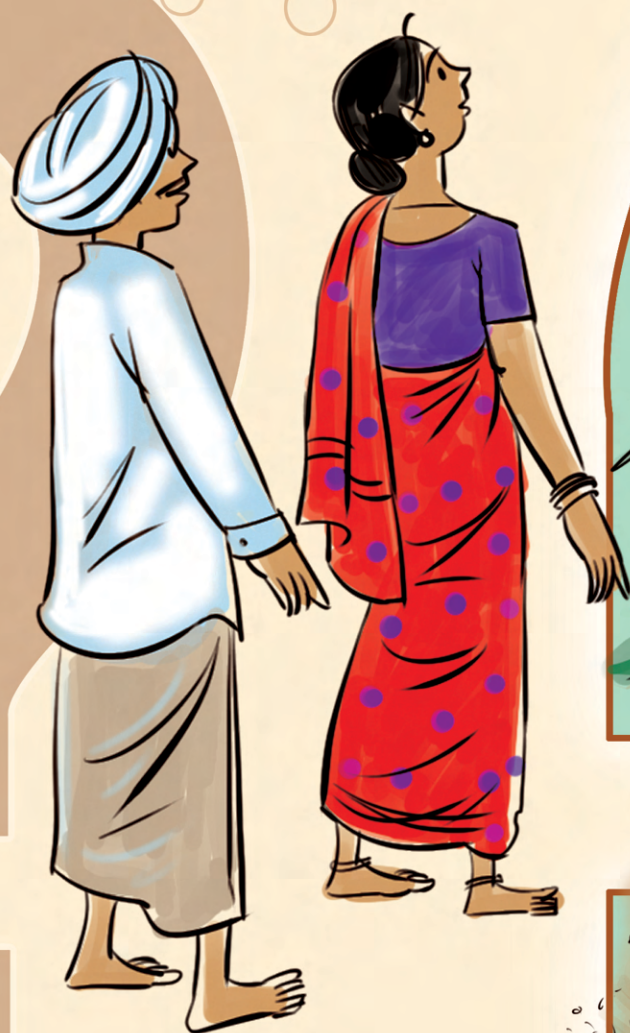


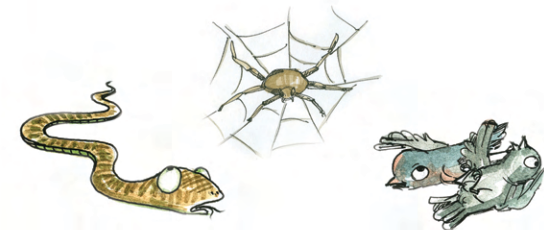
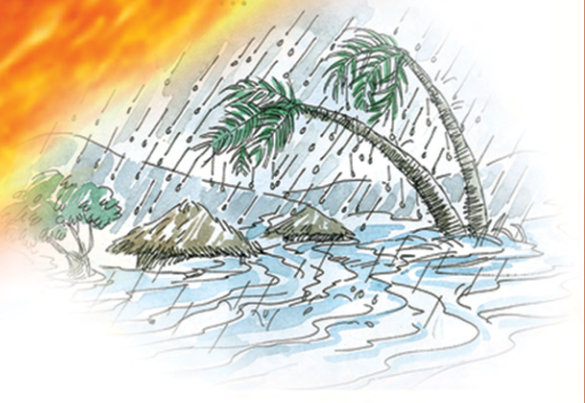
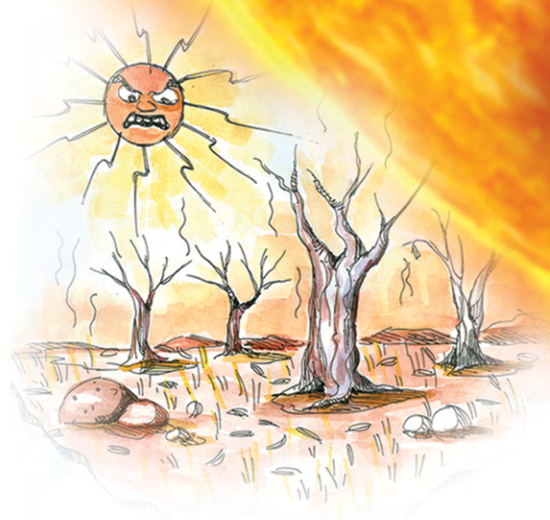
UNDERSTANDING NATURAL FARMING PRINCIPLES

WHY
WHAT
HOW



NATIONAL MISSION
ON
NATURAL FARMING

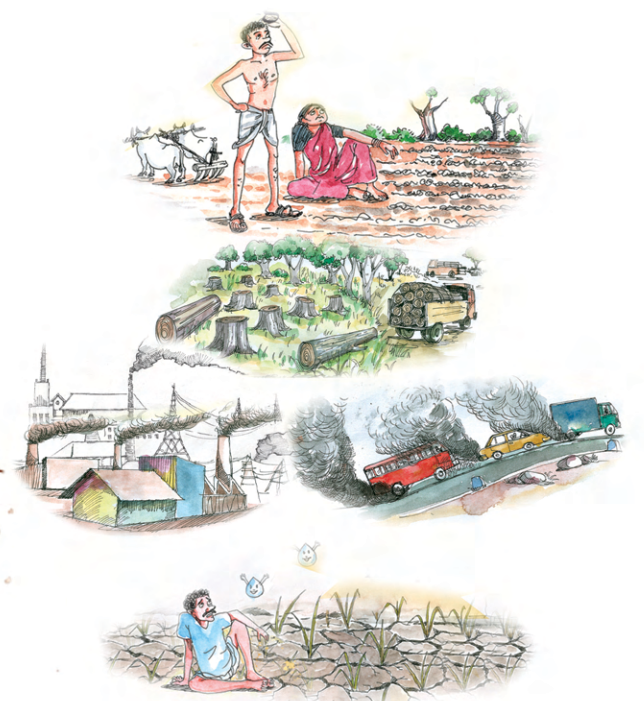
Have you observed?



Environment is Degrading



Climate is Changing



Risk becoming Unbearable!

Everything has become Poisonous !

Costs increasing
but pests & diseases
are not controlled



Ill effects on humans
(Cancer strains)

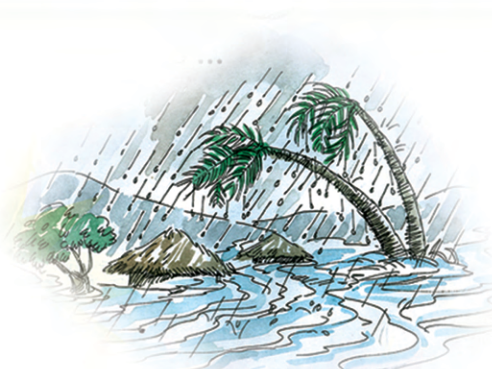
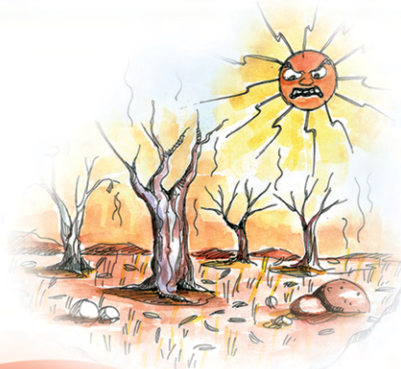


**In effect,
farmer's life
becoming like a
see-saw game!**



Reduced Incomes - Increased Risks

How long
such unsustainable
practices continue?



Debts..

Degradation..

Risks..

Declining Incomes..



Any alternatives
to make farming
more viable?



Let us fill **'LIFE'**

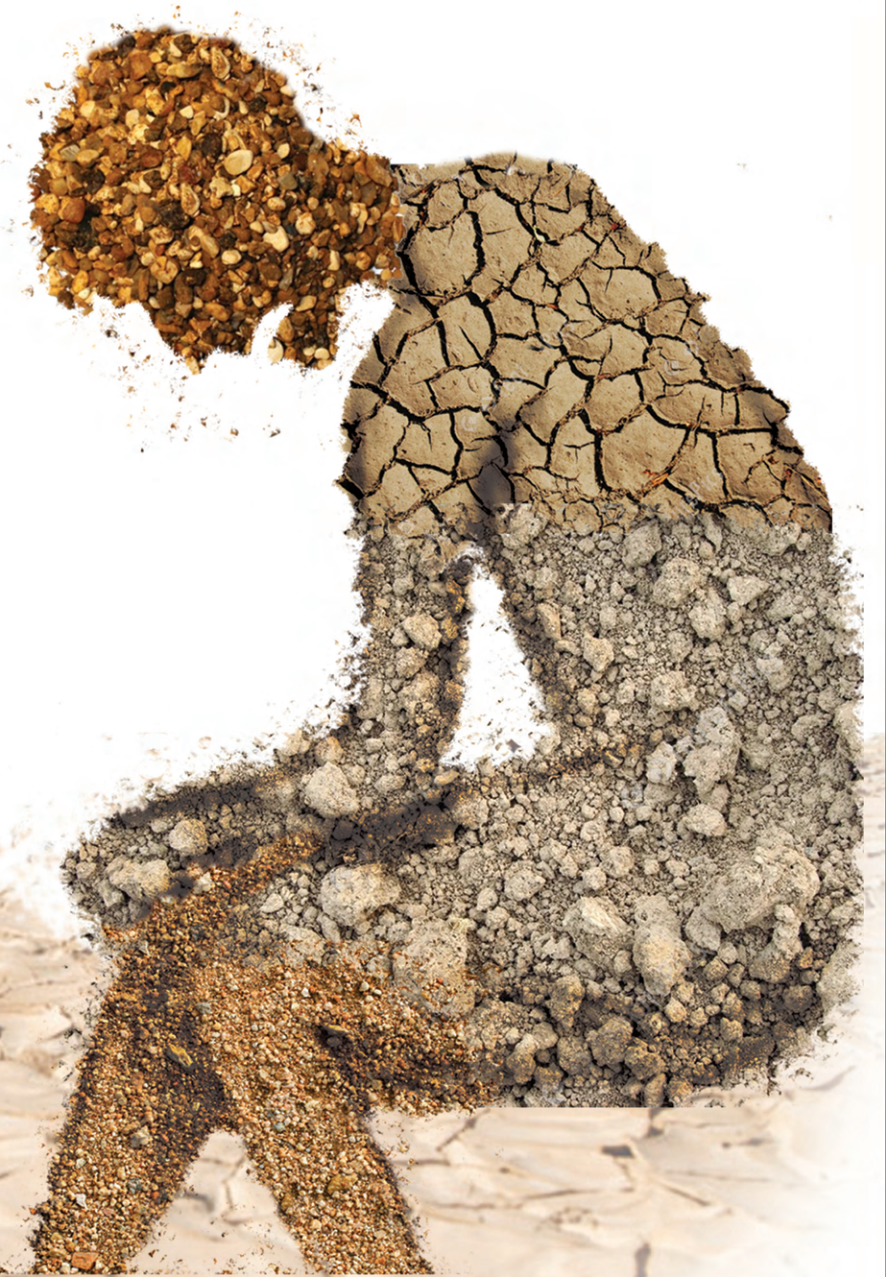
In our Soils ...In our own Lives... In our Environment

Soil is losing its Life..!!

Can we remain
passive
observers?

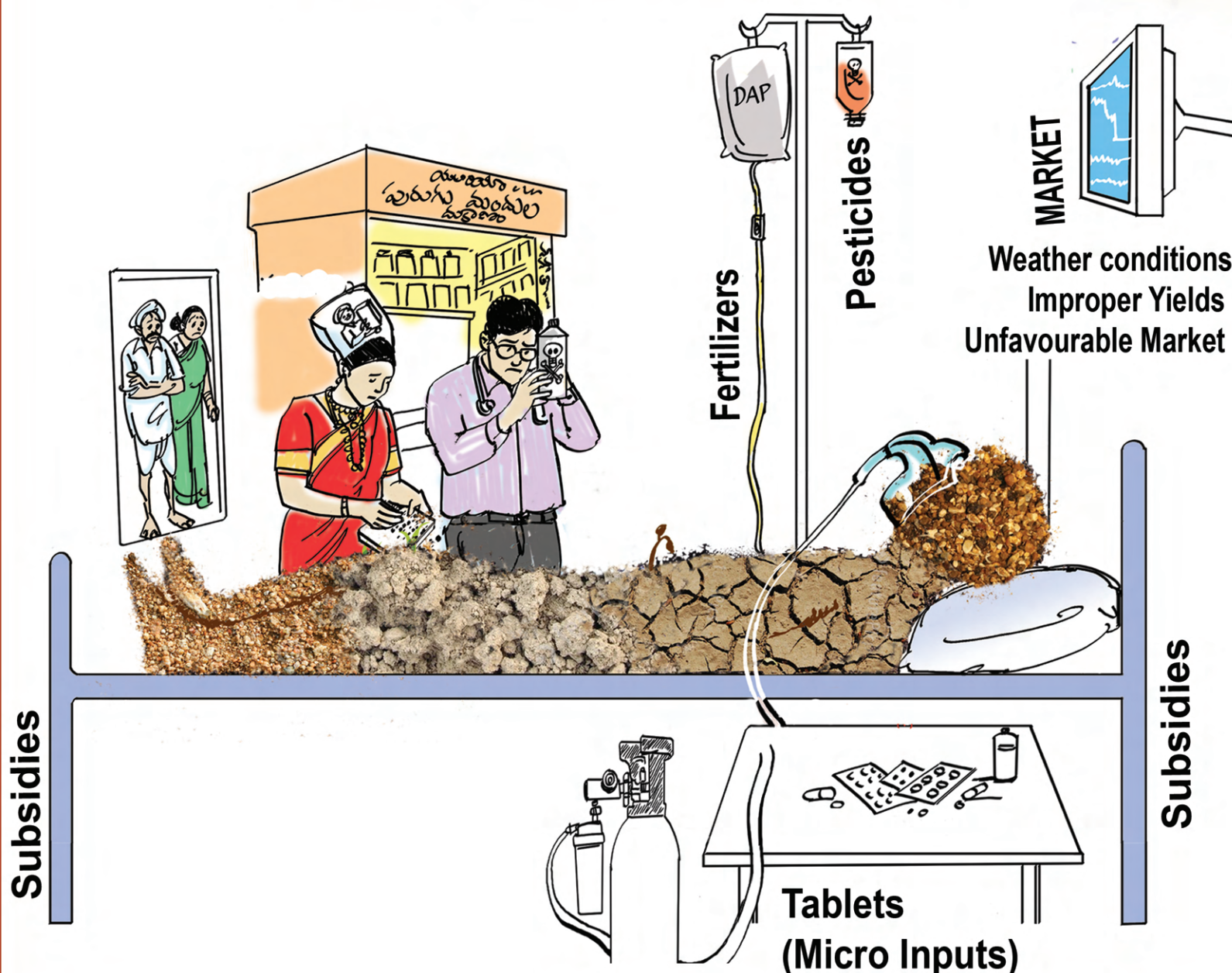


Are we enhancing soil health
with chemical fertilizers & pesticides
Or, killing beneficial Microbes ?..



Our soils
are in
'ICU'...

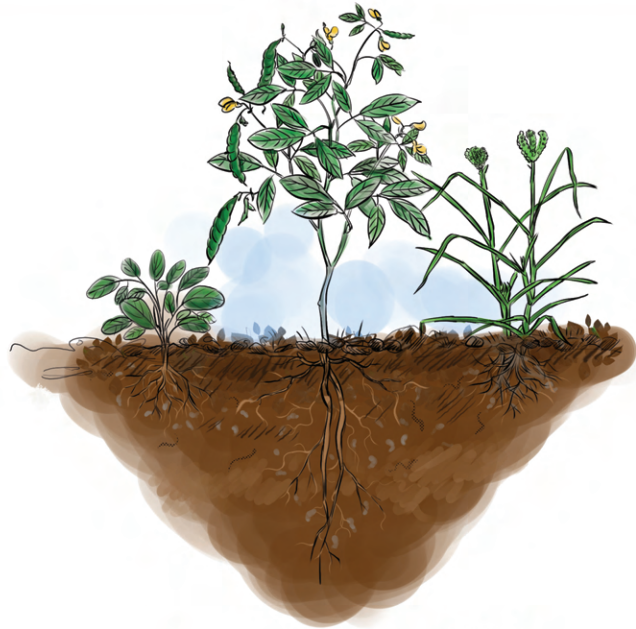
How long
we sustain
them
artificially..?



“Natural Farming starts with
Regenerating Life in the Soils”

Key Principles of Natural Farming

Living roots
of diverse crops,
different depths



Livestock
and Trees
back on Farms



1

5



Multi-tier crop system
with trees as far as possible

2



Mulch on the ground
minimal disturbance to soil.
keep soil temperatures low

6



Organic matter
in the soil

3



Locally adopted seeds

7

4

**Possible
only with
Farmers'
Collectives**

8



Bio-inoculants to
enrich microbes

Progressively move away from
synthetic fertilisers/ pesticides,
weedicides and GM crops



Crops/ organic
soil cover – 365 days

Harvest
maximum rainfall and
keep moisture
for longer period



More food
for microbes;
rich life
in soil

Diversify Crop Systems...

Is this compost
sufficient
for entire field?



How can
we cover
all the field?



Healthy & Nutritious
Food for Family

Cover the Soil
with
Diverse Crops
(for 365 days)



1/3rd feeds livestock



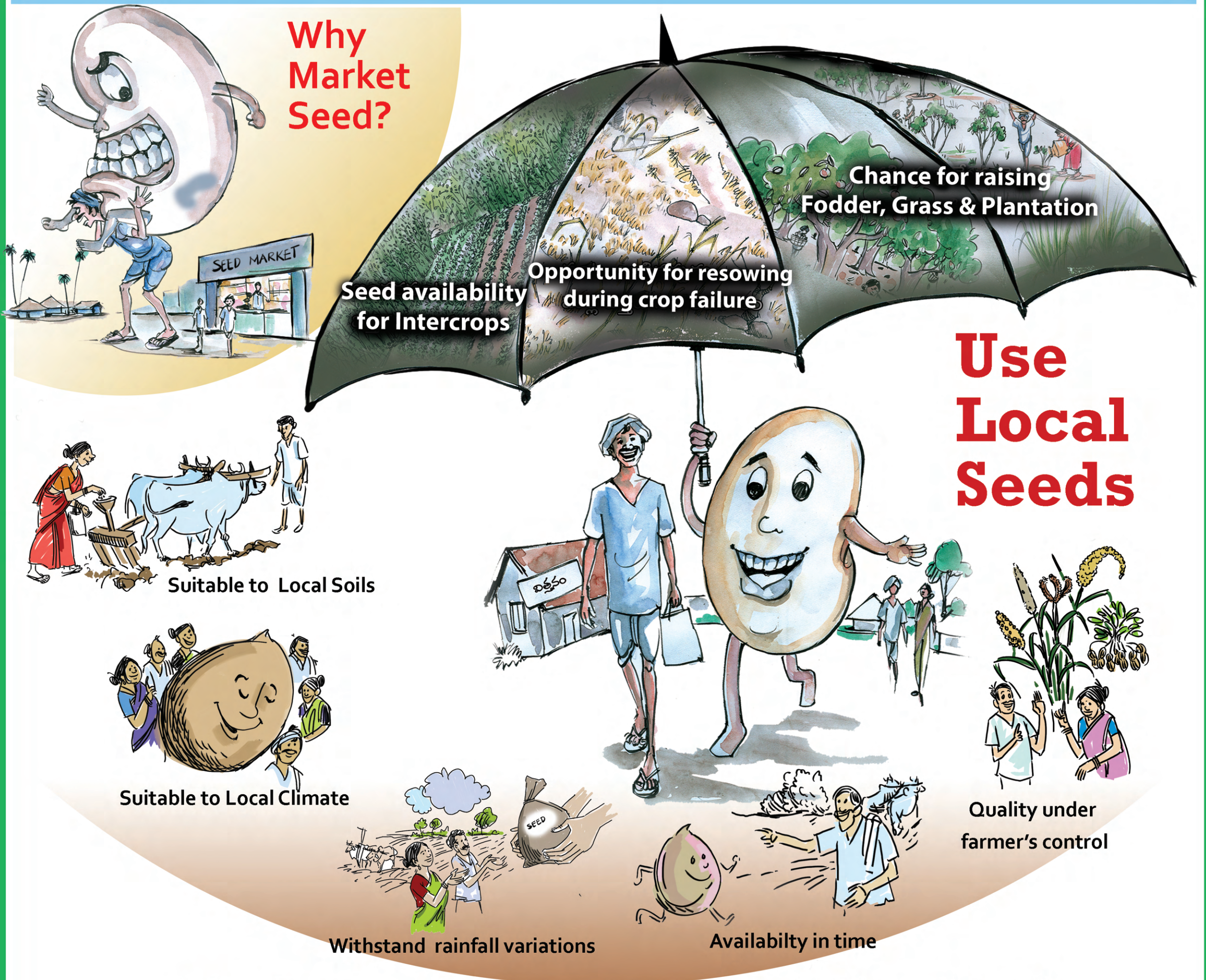
Farm
is the
best source for
Organic Matter!

1/3 rd goes into soil

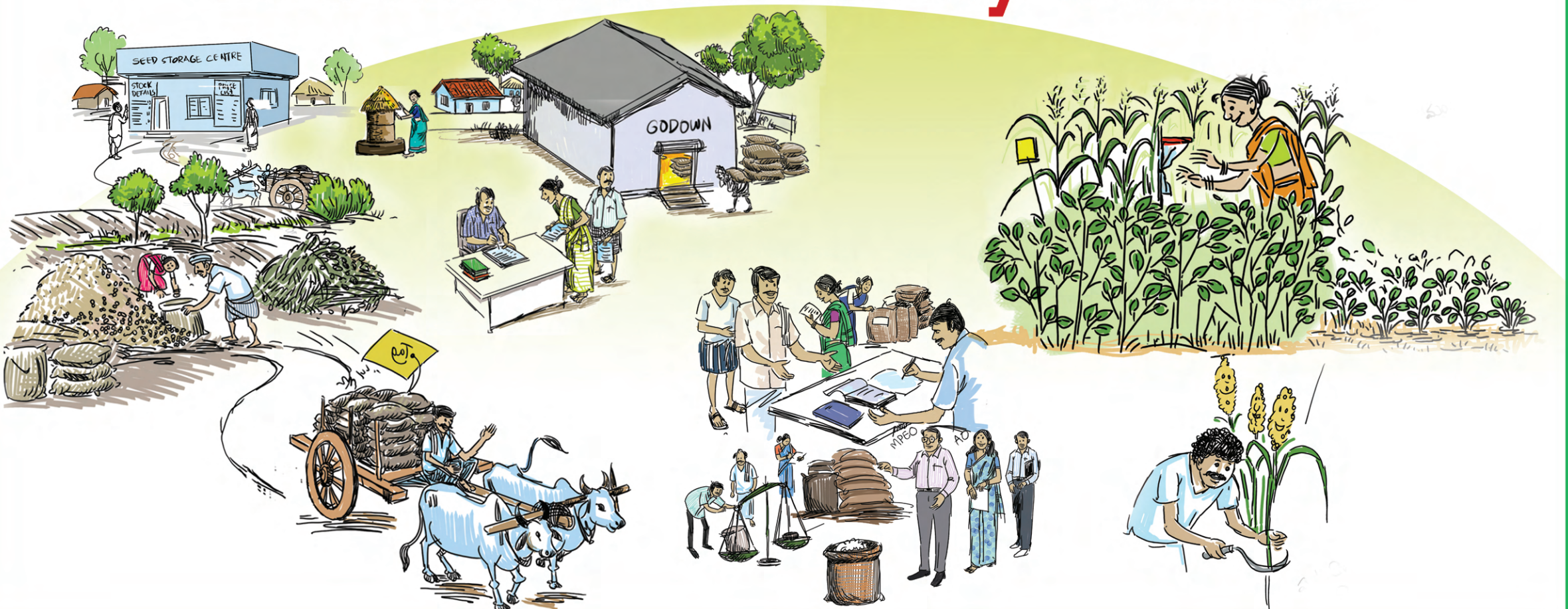
Increased
Net Income to Farmer



Diversified Crops need Diversified Seeds...



Ensure Community Control



Use Bio-inoculants and Botanicals...

Provide Nutrition and Pest resistance to the Plants



Beejamrutam



Ghana Jeevamrutam



Drava Jeevamrutam

Bio-stimulants catalyse the growth of Microbes in Soil

Farmers themselves can prepare these critical inputs !!



Organic matter holds and stores WATER!



Natural Methods of Pest and Disease Management

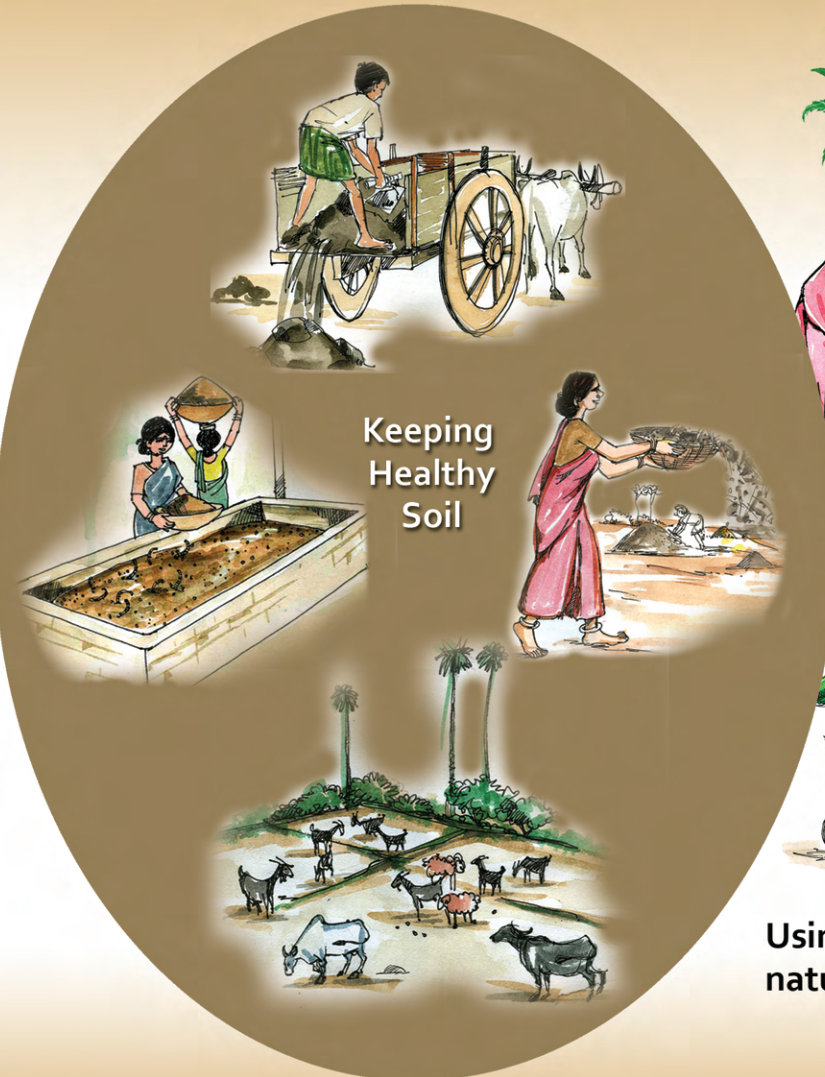
Encouraging friendly Insects



Trap Crops



Light Trap



Keeping Healthy Soil

Facilitating natural predators



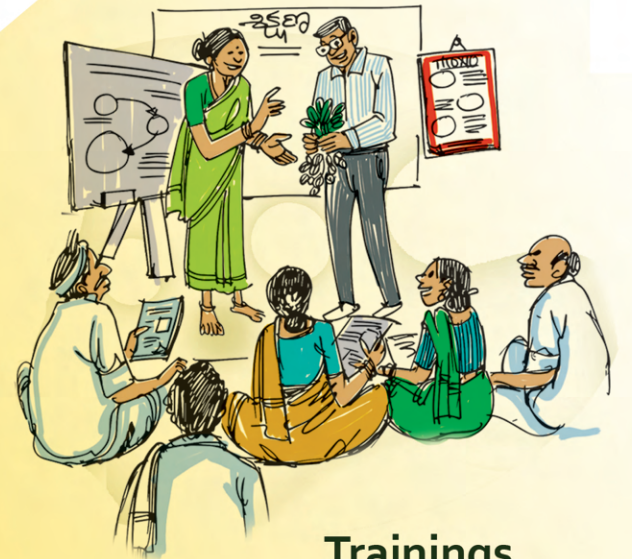
Using natural concoctions

Key Strengths to Natural Farming

Farmers' Knowledge & Local Innovations



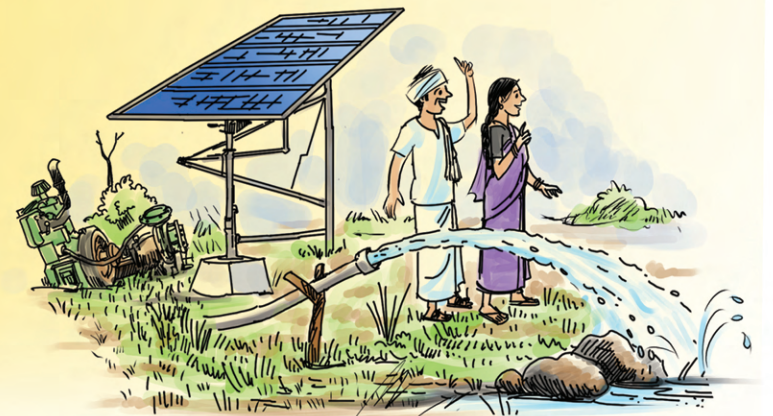
Field Demonstrations



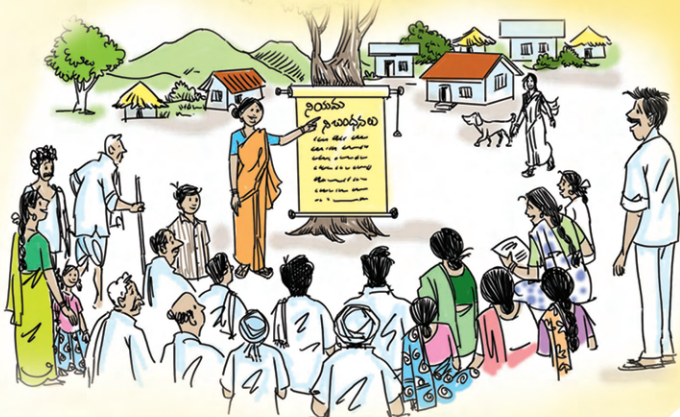
Trainings



Farmer to Farmer



Innovations



Knowledge sharing

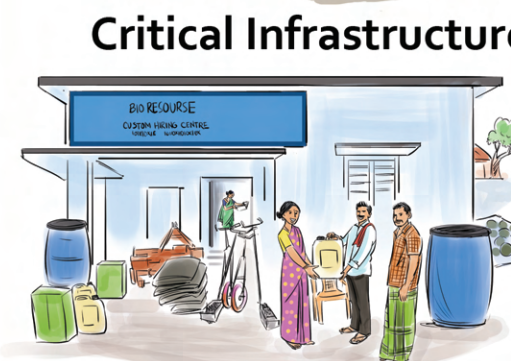
Women Groups & FPOs Driving Forces for Natural Farming



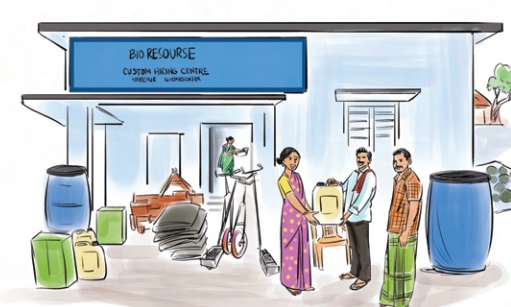
FPO



Services & Market Linkages



Critical Infrastructure



Input support through
Bio Resource Centres



Value addition & Processing



Prosperity with Ecological Security

Multiple Benefits with Natural Farming

