Have you observed?

Climate is Changing

Environment is Degrading
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

1. Living roots of diverse crops, different depths
2. Multi-tier crop system with trees as far as possible
3. Organic matter in the soil
4. Bio-inoculants to enrich microbes
   - Progressively move away from synthetic fertilisers/pesticides, weedicides and GM crops
5. Livestock and Trees back on Farms
6. Mulch on the ground minimal disturbance to soil, keep soil temperatures low
7. Locally adopted seeds
8. Crops/organic soil cover – 365 days

Possible only with Farmers’ Collectives

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?

Cover the Soil with Diverse Crops (for 365 days)

Healthy & Nutritious Food for Family

1/3rd feeds livestock

Farm is the best source for Organic Matter!

1/3 rd goes into soil

Increased Net Income to Farmer

NATIONAL MISSION ON NATURAL FARMING
Diversified Crops need Diversified Seeds...

Why Market Seed?
- Seed availability for intercrops
- Opportunity for resowing during crop failure
- Chance for raising fodder, grass & plantation

Use Local Seeds
- Suitable to local soils
- Suitable to local climate
- Withstand rainfall variations
- Availability in time
- Quality under farmer’s control

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

Facilitating natural predators

Keeping Healthy Soil

Using natural concoctions

Trap Crops

Light Trap
Key Strengths to Natural Farming
Farmers’ Knowledge & Local Innovations

Field Demonstrations
Trainings

Knowledge sharing
Innovations

Farmer to Farmer

Women Groups & FPOs
Driving Forces for Natural Farming

Critical Infrastructure
Services & Market Linkages

Input support through Bio Resource Centres
Value addition & Processing
Prosperity with Ecological Security
Multiple Benefits with Natural Farming

- Protection from Climate Risks
- Rejuvenation of Farmlands
- Less water for Crops
- Reduction in cultivation costs
- Enhanced production
- More income with multiple crops
- Fodder for our livestock
- Healthy food for family

Let’s Make it Happen!!