

NATURE-POSITIVE AGRICULTURE

EIGHT KEY PRODUCTION PRACTICES

1. ADDITION OF ORGANIC MATTER



- 1) Adding farmyard manure, compost, green manure or green leaf manure
- 2) Navadanya method of adding biomass
- 3) Crop residue incorporation

2. CROP ROTATION

- 1) Cereals followed by pulses or oilseeds or Vegetables
- 2) Adopt 2 years/3 years/4 years rotation



3. INTER/ MIXED/ TRAP/ BORDER CROPPING



- 1) Choose botanically different crops which grow well together
- 2) Ensure minimum of 3 crops per plot
- 3) Ensure more than 3 crops in a season in a farm

4. OPTIMUM SEED RATE AND SPACING

- 1) Follow recommended seed rate
- 2) Adopt line sowing or dibbling
- 3) Follow thinning and gap filling



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5. SEED TREATMENT



Seed soaking



Mixing with seed

- 1) Treat seeds/ seedlings with Beejamrutha/ cattle urine
- 2) Adopt seed coating for bold seeds

6. PERIODIC NUTRIENT APPLICATION

- 1) Foliar spray/ soil application of Sanjeevak/ Jeevamrutha/ Amrutjal every fortnight
- 2) Placing Ghanajeevamrutham/ Vermicompost at the root zone
- 3) Need based fertilizer application



7. PREVENTIVE PEST AND DISEASE MANAGEMENT



Pheromone trap



T- Guard

- 1) Soil application of neem cake/ Trichoderma
- 2) Spraying biorepellents in rotation
- 3) Installing T- Guard, Sticky/ Pheromone trap

Note: The first five KPPs represent 'preventive strategies', sixth and seventh KPPs represent 'planned strategies' and eight one represent 'reactive strategies'.

8. NON-CHEMICAL WEED, PEST AND DISEASE MANAGEMENT

- 1) Manual/ mechanical weeding in time
- 2) Intercultural operation for weed check
- 3) Sucking pests: *Neemastra/ Agniastra*
- 4) Chewing pests: *Char chatni/ Handikhata*
- 5) Fungal diseases: Buttermilk



Preparing bioformulation

Adopt all key production practices to enrich soil and harness good yield..!