

## Agriculture

### GENERAL

Focus should be

- livelihood impact rather than technology
- land productivity than crop productivity
- inclusion strategies for the landless

### FARMING SYSTEMS AND CROPPING SYSTEMS

- Shifts to non farming activities should be avoided
- fodder, fuel, medicinal and multipurpose management
- multi purpose trees that are useful for pest management and soil [neem, glyricidia, karanj in common lands]

### AUGMENTING SOIL MOISTURE

- Land use planning
- Crop patterns
- Water efficient crops
- Incentivising moisture conservation
- Appropriate tools and implements for efficient TILLAGE/management
- Interventions with multiple benefits

### SOIL HEALTH

- redefining conservation agriculture for indian context [small holders]
- biomass generation and incorporation for nutrient management to receive incentives
- nutrient based subsidies directly to farmers irrespective of the form of nutrients
- management of problematic soils acidic, alkaline, saline, poor drainage [incentives to be built up]
- incentives to oil cakes and manures and bio fertilisers
- *research focus* and investments on rediscovering the value of soil organisms
- local resources utilisation with help of communities [tank silt and its matching incentives]
- promote native earthworm activity by incentivising increasing organic matter (mulching..)
- building up incentives for appropriate composting mechanisms, biogas, enriched composting
- valuing benefits of org matter addition in terms of CO2 utilisation [in situ composting]
- research focus on technical (exploring the science behind) and financial aspects of strengthening indigenous organic products in relation to soil health and productivity [panchagavya, jeevamrut, cattle urine etc]
- integrated use of all available resources, exploring opportunities of carbon sequestration and carbon trading
- Incentives in off season for cover cropping and biomass banks [legumes]
- Mechanisms for supply of seed/ plant material to meet the biomass requirements of soil fertility

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## SMALL FARM MECHANISATION

- Custom hiring centres for implements
- Redesigning the implements to suit to small holders
- Implements which can improve efficiency and reduce drudgery for labor
- [Mechanisation for mixed/inter-cropping & incorporation of biomass](#)

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## PEST MANAGEMENT:

[Agro Eco System Pest and Disease Management]

- subsidy to a practice than an input
- rediscovering the value of cultural practices
- validate indigenous knowledge
- capacity building on pest surveillance and identification [ff]
- subsidy/revolving fund for regenerative mode to groups than to individuals
- custom hiring centres
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## SEED SYSTEMS

- seed self reliance as an overarching goal to drive policy
- seed storage technology /seed banks in the local situation
- seed diversity as a tool for sustainable agriculture
- local processing in value addition
- village level seed exchange with no hindrance and extend subsidy to informal seed exchange by institutionalising it [CBO as a base]
- institutionalising quality control at community level

## PROVISIONS IN EXISTING SCHEMES

Existing schemes are to be reviewed and making use of them for operationalising of the above activities