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Shaping Lives...
Empowering Communities...

Session-1.2



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Diversification of crop portfolio

- Understand the need for multi-cropping in organic farming.
- Multiple cropping:

It is the practice of growing two or more crops in the same piece of land in same growing seasons instead of one crop. It is a form of polyculture.

Need for Multi-cropping in Organic Farming:

- Maximize the potential of available nutrients.
- Prevents Erosion (Ground Cover).



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- Ecological balance.
- Improves Soil health.
- Reduces the disease and pest attack.
- Year round Income.



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Growing season plan

1. Understand increased crop vulnerability in organic farming
2. Identify seasonal stress on various types of crops
3. Identify right crops for rotation:
 - Crop Rotation is the back bone of Organic farming practices. To keep the soil healthy and to allow the microbial systems working, crop rotation is must.
 - Crop Rotation is the succession of different crops cultivated on same land. Follow 3-4 years rotation plan. It helps in controlling weeds.



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- Under National Project on Organic Farming (NPOF of ICAR) important cropping systems, which were found economically better or at par with conventional system at different experimental stations in the country are as follows:
- Soybean-Berseem/Mustard/Chickpea at Raipur, Chattisgarh
- Tomato/Cabbage- Cauliflower-Pea and Maize-Garlic at Bajaura, Himachal Pradesh.
- Rice- Wheat /Potato/Mustard/lentil at Ranchi, Jharkhand.



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- Groundnut-Rabi Sorghum, Soybean- Durum Wheat, Potato- Chickpea, Chilli + Cotton and Maize-Chickpea at Dharwad, Karnataka.
 - Soybean-Durum wheat/Mustard/Chickpea Isabgol at Bhopal- M.P
 - Maize-Cotton, Chillies-Onion and Brinjal-Sunflower at Coimbatore.
 - Sorghum- Pea- Okra at Modipuram, U.P
4. Create yearly plan