

SMART FARM

Smart Farms were live walkthrough models that were set up at the exhibition sites. They showcased the best of modern technologies in entire agriculture value chain starting from pre/post-harvest to modern agricultural practices, allied activities and agri marketing opportunities

SMART FARM	
Broad Categories	Components
1 Crop production and Diversification	Soil Testing equipment
	Crops (quinoa, olive, dragon fruit etc) (, Other commercial crops like mushroom and capsicum cultivation)
	Hybrid seeds and nursery , germination chamber
	Mulching techniques, Nematode management
	Electric fence technology to save the crop from blue bulls and stray animals
2 Organic Farming	Bird attack protection techniques, nematode management techniques
	A small patch of organic cultivation of some crop, use of Bio- fertilizers, bio pesticides, neem products
3 Protective Farming	Poly house(naturally ventilated), low tunnel and shade net, greenhouse, Insect proof net
4 Micro - Irrigation	Hard water treatment, fertigation, pivot , drip irrigation with solar pump technology, Plasticulture, sprinkler irrigation and gravity drip irrigation with tank
5 Modern Mandi	Krishi mandi
	warehouses, cold storage
	Packaging and processing infrastructure),bank (crop insurance, loan and e-banking)
6 Animal Husbandry	Display of good breed of cow, goat, poultry and quail
	Hydroponic technology, milching machines, fat percentage determining machines
	Bio gas plant and generator
7 Apiculture	Display of bee keeping technology
8 Pisciculture	Live demo of farm ponds and anti-evaporation techniques
9 Farm Machinery	Land levelers, planter and weeder for small farmers, combines for threshing and aggregating fodder, fodder compressing machines
	Tractor operation, garlic and heena harvester, carrot digger and other small machinery