

FUTURE RESEARCH PROGRAMMES

Dr. A. P. Patel (Horticulture Trials)

Sr. No.	Trial	B.H.
1.	Collection, characterization, conservation, evaluation and utilization of banana germplasm	2014-5 (ICAR)
2.	Assessment of phenology, productivity and incidence of insect pests and diseases in banana grown under varying climatic conditions	2014-5 (ICAR)
3.	Multilocation testing of new papaya hybrids (MLT-II)	2014-5 (ICAR)
4.	Evaluation of Arka Microbial Consortium (AMC) for growth and yield of papaya	2014-5 (ICAR)
5.	Spacing and canopy management in sapota	2014-5 (ICAR)
6.	Studies on residual and cumulative effect of nutrients in sapota	2014-5 (ICAR)
7.	Fertigation studies in sapota cv. Kalipatti	5014
8.	Effect of different organic inputs in banana	5014
9.	Feasibility of banana germplasm for processing	5014

Dr. P. K. Modi (Horticulture Trials)

Sr. No.	Trial	B.H.
1.	Clonal selection in banana	2014-5 (ICAR)
2.	Evaluation of banana dwarf cavendish clones (AAA) (MLT-4)	2014-5 (ICAR)
3.	Evaluation of new introduction of banana (MLT-5) (b) NRCB selection 14	2014-5 (ICAR)
4.	Multilocation testing of new papaya selection (MLT-I)	2014-5 (ICAR)
5.	Grafting in papaya	2014-5 (ICAR)
6.	Widening the genetic base in sapota	2014-5 (ICAR)
7.	Evaluation of new clones of sapota	2014-5 (ICAR)
8.	PRuning of sapota at normal spacing	2014-5 (ICAR)
9.	Assessment of phenology, productivity and incidence of insect pests and diseases in sapota grown under varying climate conditions	2014-5 (ICAR)
10.	Validation of protocol for extending papaya seed viability in storage	5014
11.	Varietal trial in sapota	5014
12.	Effect of different growing media on germination and growth of mango stone under net house condition	5014
13.	Effect of age of rootstock on success of approach grafting in Mango (<i>Mangifera indica</i> L.)	5014

Dr. K. D. Bisane (Entomology Trials)

Sr. No.	Trial	B.H.
1.	Survey on new and emerging insect pests and plant parasitic nematodes with their natural enemies in banana	2014-5 (ICAR)
2.	Survey and surveillance of emerging insect pests of sapota and their natural enemies	2014-5 (ICAR)
3.	Slow-release pheromone formulation for the management of fruit fly in sapota	2014-5 (ICAR)
4.	Studies of population dynamics and natural enemies of sapota midrib folder, <i>Banisia myrsusalis elearalis</i> (Walker)	5014

5.	Varietal performance of sapota against major insect pests under high density plantation	5014
6.	Evaluation of botanicals and biopesticides against thrips complex in banana	5014
7.	Evaluation of different modules against of major insect pests of sapota	5014

Shri. K. V. Makwana (Plant Pathology Trials)

Sr. No.	Trial	B.H.
1.	Survey on disease dynamics in banana	2014-5 (ICAR)
2.	Diagnosis of banana viruses in germplasm and planting material used in experiments	2014-5 (ICAR)
3.	Evaluation of bioformulation against Fusarium wilt in banana	2014-5 (ICAR)
4.	Artificial Intelligence (AI) powered decision support system development for leaf spot disease management in banana.	2014-5 (ICAR)
5.	Survey on disease dynamics in papaya	2014-5 (ICAR)
6.	Screening of germplasm against rhizome rot	5014
7.	New and emerging diseases in sapota	5014
