Scheme wise detail of experiments (2017-18):

Non-plan	5014	Long term	1. High density orcharding in different varieties of mango. 2. Ultra high density plantation in mango 3. Effect of nitrogen fixing bio-fertilizers on yield and quality of mango 4. Effect of paclobutrazol application before monsoon and efficacy of bud breakers on early season flowering and fruiting in mango 5. Studies on fruit-bud differentiation, flowering and fruiting behaviour of mango cultivars in relation to weather parameters 6. Effect of pruning on sapota cv. Kalipatti planted at normal distance
Non-plan	7027	Long term	1. Efficacy of organic mulches on soil properties, growth and yield of mango cv. Kesar in rainfed ecosystem 2. Effect of different sowing methods and nutrient management on Indian bean var., NPS-1 (GNIB-21) sown after rice 3. Response of brinjal to irrigation schedules and mulches under drip irrigation system 4. Intercropping in newly established mango orchard
Plan	12091-2	Long term	1. Evaluation of Bael verities under, South Gujarat agro-climatic conditions 2. Evaluation of some Guava verities under South Gujarat agro- climatic conditions 3. Study of Genetic Variability in Jamun from South Gujarat 4. Comparative assessment of some Jamun genotypes under, South Gujarat agro-climatic conditions. 5. Survey of mango stone weevil in south Gujarat 6. Determination of different decline syndromes in mango orchards 7. Survey and incidence of diseases in cashew 8. Management of mango malformation
Plan	12027	Long term	1. Effect of foliar application of fertilizers on flowering, yield and quality of cashew (Anacardium occidentale L.) cv. Vengurla-4. 2. Effect of time and fertilizer dose on flowerinand yield of mango cv Alphonso 3. Effect of fertilizer application on yield and quality of sapota cv. Kalipatti 4. Effect of time of irrigation on flowering and yield of mango var. Kesar. 5. Effect of tillage depth on flowering and fruiting behaviour of mango under rainfed ecosystem.

Plan	12014-6	-	

Sr.	Activity	2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		Total	
		No.	Participants	No.	Participants	No.	Participants	No.	Participants	No.	Participants	No.	Participants	No.	Participants
1	Farmers Training	17	1045	18	917	24	1412	22	1282	29	2194	41	3115	152	9774
2	Khedut Shivir	5	1036	4	978	9	2617	9	664	3	381	3	395	33	6071
3	Day celebration	-	-	-	-	-	-	1	328	-	-	-	-	1	328
4	Farmers Faire	1	18230	3	19320	2	5647	2	5460	1	13295	1	7500	19	71452
5	Farmers – Scientist Interection	-	-	-	-	-	-	1	300	1	1200	-	-	2	1500
6	Field Visit	62	1009	56	532	46	531	38	320	50	405	48	410	300	3207
7	RAWE Training	-	-	-	-	-	-	3	129	11	319	9	289	23	735
8	Demonstratio n	57	57	112	112	117	117	100	100	90	90	115	115	591	591
9	Field trip	-	-	-	-	-	-	19	52	45	330	55	425	119	807
10	Telephone inquary	310	310	353	353	413	413	414	414	535	535	574	574	2600	2600
11	Radio talk	-	-	19		-	-	-	-	-	-	-	-	19	
12	Press-note	-	-	5		1		-		-		-		6	
13	Publication	3	3000	1	500	-	-	2	2000	1	500	-	-	7	6000

ICAR	2014-5	Long term	1. Augmentation and evaluation of germplasm 2. MLT of mango hybrids 3. Improvement of mango through half-sibs 4. Root stock trial of mango 5. Evaluation of different rootstocks of mango for problematic soils 6. Nutritional survey in mango 7. Fertigation scheduling for quality fruit production of mango 8. Development of organic package of practice for mango 9. Fertilizer scheduling for High Density Planting in mango 10. Effect of micronutrients on yield and quality of mango 11. Assessing the effect of climatic variability on mango flowering and yield 12. Validation of Arka Saka Nivarak for prevention of spongy tissue in Alphonso mango

			13. Testing of exotic varieties of mango 14. Integrated pest management of hopper in mango 15. Documentation and monitoring population of pollinators on mango 16. Survey and surveillance of insect-pests and natural enemies in mango 17. Management of mango hoppers and thrips using entomopathogens 18. Crop loss assessment by major insect pests and diseases of mango 19. New and emerging diseases of mango 20. Cost effective management of post harvest anthracnose of mango by pre and post harvest treatments 21. Standardization of hot water treatment technique (HWTT) to manage post-harvest anthracnose as well as fruit flies of mango
ICAR	2048	Long term	1: Effect of high density planting: An observational trial in cashew: (cv. V–4). 2: Studies for intercropping in cashew. 3: Spacing cum fertilizer trial in cashew. 4: Varietal evaluation - MLT-VI (Special MLT) in cashew. 5: Nutrient management for yield maximization in cashew. 6: Evaluation of production potential of newly developed cashew variety Jhargram-2 at different spacings. 7: Germplasm collection, conservation, evaluation, characterization and cataloguing in cashew. 8: Chemical control of pest complex in cashew. 9: Influence of biotic and abiotic factors on the incidence of pest complex in cashew. 10: Monitoring of insect-pests and their natural enemies of cashew. 11: Mapping of natural enemies of tea mosquito bugs. 12: Efficacy of bio pesticides against Tea Mosquito Bug (TMB), *Helopeltis antonii* Signoret in cashew.
Other	2063	-	National Initiative on Climate Resilient Agriculture (NICRA) project on mango pests
	18176		Evaluation of efficacy of Pexalon (Triflumezopyrim) 10.6% SC against hoppers in mango