

RESEARCH PROJECTS / SCHEMES

Sr.	Research Projects at AES, NAU, Paria	Budget head	Source
1.	Project For Research in Fruit Crops	5014	Non-Plan
2.	Establishment of Water Management Scheme	7027	Non-Plan
3.	National Agriculture Research Project Phase-2	12091-2	Plan
4.	Strengthening of Water Management Scheme	12027	Plan
5.	All India Coordinated Research Project on Fruits	2014-5	ICAR
6.	All India Coordinated Research Project on Cashew	2048	ICAR
7.	Revolving Fund	9510-N-11	Revolving
8.	Revolving Fund	2014-5/R	Revolving
9.	Revolving Fund	2048/R	Revolving
10.	Tribal Sub Plan (under AICRP on Fruits)	2158	ICAR
11.	Tribal Sub Plan (under AICRP Cashew)	2080	ICAR
12.	Schedule Cast Sub Plan (under AICRP Cashew)	2122	ICAR
13.	MIDH (Turmeric GNT-4 seed production)	18930	

SCHEME WISE EXPERIMENTS / TRIALS

NON-PLAN	Research in Fruit Crops (BH 5014)
Research trials	(1). Evaluation of growth, yield and quality of promising half-sib selections from Alphonso. (2). Canopy management in mango cv. Kesar under high density planting. (3). Canopy management in mango cv. Alphonso under high density planting. (4). Canopy management in mango cv. Totapuri under high density planting. (5). Effect of rootstocks on growth and yield of mango cv. Kesar.
NON-PLAN	Establishment of Water Management (BH 7027)
Research trials	(1). Effect of N, P and K fertilizer on yield and quality of mango cv. Kesar. (2). Soil moisture stress management in mango. (3). Estimation of carbon and nutrient stock in mango orchard with advancement of age.
PLAN	National Agriculture Research Project Phase-2 (BH 12091-2)
Research trials	(1). Evaluation of Chironji (<i>Buchanania lanzan</i> Spreng) genotypes under South Gujarat agro-climatic conditions. (2). Natural nutrient management in mango.
PLAN	Strengthening of Water Management Scheme (BH 12027)
Research trials	(1). Effect of time of irrigation on flowering and yield of mango var. Kesar. (2). Effect of foliar application of fertilizers on flowering, yield and quality of cashew (<i>Anacardium occidentale</i> L.) cv. Vengurla-4.
ICAR	AICRP-Cashew (BH 2048)
Research trials	(1). Development of Cashew based cropping system for South Gujarat. (2). Nutrient management for yield maximization in cashew. (3). Germplasm collection, conservation, evaluation, characterization and cataloguing in cashew. (4). Multi location trial – VI. (5). Multi location trial – VII. (6). Chemical control of pest complex in cashew. (7). Influence of biotic and abiotic factors on the incidence of pest complex of Cashew. (8). Monitoring of insect pests of Cashew and their natural enemies. (State trial) (9). Mapping of natural enemies of tea mosquito bugs. (State trial) (10). Evaluation of Botanicals for the control of Tea Mosquito Bug (TMB),

	<i>Helopeltis antonii</i> Signoret in cashew. (11). Population dynamics and foraging behaviour of pollinators in Cashew (<i>Anacardium occidentale</i> L).
ICAR	AICRP on Fruits (BH 2014-5)
Research trials	(1). Augmentation and evaluation of germplasm in mango. (2). MLT of mango hybrids. (3). Improvement of mango through half-sibs. (4). Multi Location Trial - II (MLT II) for mango hybrids. (5). Evaluation of different rootstocks of mango for problematic soils. (6). Fertilizer scheduling for High Density Planting in mango. (7). Assessing the effect of climatic variability on mango flowering and yield. (8). Observational trial on MLT of mango varieties through top working. (9). Evaluation of salinity tolerant mango rootstock ML-2 Sagarika. (10). Evaluation of avocado varieties (MLT-1). (11). Testing of exotic varieties of mango. (State) (12). Effect of rootstocks on growth and yield of mango cv. Kesar. (State) (13). Survey for new and emerging insect-pests and their natural enemies of mango. (14). Management of mango hopper with newer Insecticide. (15). Survey on disease dynamics in mango. (16). Management of mango decline and wilt caused by fungal complex. (17). Post harvest hot water treatment of mango for control of fruit fly & anthracnose.