PROCEEDINGS OF THIRTEENTH JOINT AGRESCO MEETING OF NAVSARI AGRICULTURAL UNIVERSITY HELD ON 22nd MARCH, 2016

Venue : Sardar Smruti Kendra, NAU, Navsari Time: 9:15 a.m. onwards

Chairman **:** Dr. C. J. Dangaria, Hon'ble Vice-Chancellor, NAU, Navsari.
Co-Chairman **:** Dr. S. R. Chaudhary, Director of Research, NAU, Navsari.

Rapporteur : 1. Dr. P. B. Patel, Associate Research Scientist, MRRC, NAU, Navsari
2. Dr. Lalit Mahatma, Asso. Prof., Dept. of Pl. Patho., NMCA, NAU, Navsari

The 13th Joint Agresco meeting of NAU was commenced with the welcome addressed by Dr. K. A. Patel, Associate Director of Research, NAU, Navsari who welcomed Hon'ble Vice Chancellor, Director of Research, Deans, Conveners, Professors and Scientists. Thereafter, Dr. S. R. Chaudhary, Director of Research and Dean PG Studies, NAU, Navsari gave brief account of research resume of different Agresco Sub-committees and appreciated the efforts made by scientists for bringing out more number of varieties and useful recommendations for farmers as well as scientific community. He specifically appreciated about the new technical programmes proposed on different aspects as par farmers and market demand. Dr. G. R. Patel, Director of Extension, NAU, Navsari gave brief account of feedback received during ZREAC from extension functionaries of state departments and KVKs.

Dr. C. J. Dangaria, Hon. Vice Chancellor, NAU, Navsari, in his presidential address, congratulated the scientists for new recommendations and varieties. He emphasized on initiating the focused work on the problem faced by farmers. Young scientists should work honestly, creatively and learn new things in the favour of the farmers of this region. He also highlighted the need for multi disciplinary research work to provide technical solution for the problems faced by the farmers.

Dr. Sandhya S. Chaudhary, (Convener, Animal Production), Dr. V. S. Dabas, (Convener, Animal Health), Dr. H. D. Bhimani (Convener, Basic Science), Dr. S.H. Sengar (Convener, Agril. Engineering), Dr. J. J. Makadia (Convener, Social Science), Dr. Manmohan J. Dobriyal, (Convener, Forestry), Dr. D. K. Sharma, (Convener, Horticulture), Dr. S. P. Saxena, (Convener, Plant Protection), Dr. V. P. Usdadia, (Convener, NRM), and Dr. B. G. Solanki, (Convener, Crop Improvement) had presented their proceeding of respective discipline before the house. All the recommendations presented by different conveners were thoroughly screened by the house and approved with some suggestions. The proceeding is given in tabular form as under:

13.1 ANIMAL PRODUCTION & FISHERIES SCIENCE

No.	Title	Suggestions	Action to be taken by
	Recommendations of Farmer		
	LPT department		
13.1.1	Development of Burfi utilizing watermelon (*Citrulus lanantus*) rind	Accepted with following suggestions ➢ Recommendation should be presented in the PHT during combined Joint AGRESCO.	Assistant Professor Dept. of LPT, C.V.Sc & A.H., NAU, Navsari
	Dept. of Animal Nutrition		
13.1.2	Effect of fenugreek (*Trigonella foenum-graecum L.*) supplementation on milk yield and quality in lactating Surti buffaloes	Accepted	Assistant Professor Dept. of Animal Nutrition, C.V.Sc & A.H., NAU, Navsari
	Dept. of Veterinary Physiology and Biochemistry		
13.1.3	Strategies to mitigate the impact of climate change: effect of 75% green agro-net on production, reproduction and stress parameters in Surti buffaloes	Accepted with following suggestions ➢ In Gujarati recommendation, remove bracket in 75 %. ➢ Write Agro Shed Net instead of Agro Net	Prof. & Head, Dept. of Veterinary Physiology and Biochemistry, C.V.Sc & A.H., NAU, Navsari
Recommendations of Scientist community			
	Livestock Research Station		
13.1.4	Effect of Body Condition Score on health, production and reproduction performances in Surti buffaloes	Accepted	Res. Sci., LRS, NAU, Navsari
13.1.5	Season is an important determining fixed factor that explains 19.3% variation in BCS estimated using method given by Edmonson *et al.*, 1989. The data for summer, rainy and winter seasons can be corrected using -0.44, 0.29 and 0.15 correction factors respectively.	Accepted	Res. Sci., LRS, NAU, Navsari
List of the new technical programme proposed:			
	Livestock Research Station		
13.1.6	Effect of challenge feeding on production and reproductive performance of Surti buffaloes		

	Physiology and Biochemistry
13.1.7	Effect of heat ameliorative measures (fans, foggers and green net) on physiological, haematological, biochemical and productive performance of lactating Surti buffaloes
13.1.8	*In vitro* embryo development from goat ovaries with supplementation of epidermal growth factor and α- tocopherol in maturation media
	Department of Animal Genetics and Breeding
13.1.9	To study the genetic polymorphism in growth related genes and its association with growth parameters in Surti goats
	Department of Livestock Production Management
13.1.10	Identification of prolific Surti goats on the basis of body linear traits and temperament
	Department of Animal Nutrition
13.1.11	Effect of enzymes supplementation on milk yield and quality in lactating Surti buffaloes
	College of Fisheries Science
13.1.12	Bio-safety evaluation of oxytetracycline as feed additive for marine and fresh water fishes
13.1.13	Evaluation of safety of Emamectin Benzoate (EB) in Asian seabass fingerlings
13.1.14	Withdrawal period evaluation of oxytetracycline as feed additive for marine and fresh water fishes

13.2 ANIMAL HEALTH

No.	Title	Suggestions	Action to be taken by
Recommendations for scientific community			
	Department of Veterinary Gynecology and Obstetrics		
13.2.1	Evaluation of frozen semen of buffalo, crossbred and indigenous cow bull by Hypo-Osmotic Swelling Test and supravital staining technique	Accepted	Professor & Head, Department of Veterinary Gynecology and Obstetrics, C.V.Sc & A.H., NAU, Navsari
13.2.2	HOS-EN test is recommended to evaluate the sperm head and tail plasma membrane integrity simultaneously on same slide for those laboratories that are not equipped with highly sophisticated microscope like phase-contrast with bio-therm.	Accepted	Professor & Head, Department of Veterinary Gynecology and Obstetrics, C.V.Sc & A.H., NAU, Navsari
Recommendations For Farmers/Pet owners			
	Department of Veterinary Surgery and Radiology:		
13.2.3	Clinical studies on neurological disorders in canines	Accepted with following suggestion ➢ Add "anatomy" suitably in recommendation.	Professor, Surgery and Radiology, C.V.Sc & A.H., NAU, Navsari

List of the new technical programme proposed	
	Department of Veterinary Pharmacology and Toxicology:
13.2.4	Studies on Pharmacokinetics and Pharmacodynamic integration of andrographolide in Rats
	Department of Veterinary Surgery and Radiology:
13.2.5	Evaluation of anaesthetic regimens of butorphanol, diazepam or midazolam as preanaesthetic, propofol as induction and maintenance anaesthesia in canines
13.2.6	Evaluation of different therapeutic and surgical protocols for management of superficial and deep corneal ulcer and descematocoele in dogs"
	Department of Veterinary Medicine:
13.2.7	Clinico-epidemiology and therapeutic management of dermatological disorders in canines presented at TVCC
13.2.8	Management of renal disorders in dogs through haemodialysis
	Department of Veterinary Gynaecology and Obstetrics:
13.2.9	Influence of ejaculation numbers and reaction time on semen parameters in Surti buffalo bulls
13.2.10	Relationship of body measurements and testicular parameters on extra-gonadal sperm reserves in goat
13.2.11	Clinical efficacy of different drug regimen for the treatment of non-dilatation of cervix in goat
13.2.12	Clinical efficacy of various vulvar retention suture techniques for postpartum genital prolapse in bovine
	Department of Teaching Veterinary Clinical Complex
13.2.13	Diagnosis of Lead toxicity in animals presented at TVCC
	Department of Veterinary Anatomy:
13.2.14	"Age correlated changes in gross and histomorphology of the spleen of Surti goat (*Capra hircus*)"
	Department of Veterinary Pathology:
13.2.15	Histopathological study on renal lesions in animals
13.2.16	Molecular detection of *Mycobacterium avium paratuberculosis* (MAP) from goats and cattle
	Department of Veterinary Parasitology:
13.2.17	*In-vitro* screening of indigenous medicinal plants for their acaricidal activity against the bovine ticks"
	Department of Veterinary Microbiology:
13.2.18	Diagnosis of Canine Distemper using molecular Techniques
13.2.19	Evaluation of different methods of DNA extraction in diagnosis of Canine Parvo virus infection for PCR and real time PCR
	Polytechnic in Animal Husbandry:
13.2.20	Detection of pathogenic bacteria from locally marketed ice cream / frozen dessert samples from Navsari city

13.3 BASIC SCIENCES

Recommendation for farmers / Housewives			
	Dept. Soil Science and Agri. Chemistry, NMCA, Navsari		
13.3.1	Effect of different cooking conditions on antioxidant properties of some cucurbit vegetables	Accepted with following suggestion ➢ Recast the recommendation in both English and Gujarati.	Professor and Head, Dept. Soil Science and Agri. Chemistry, NMCA,Navsari
Recommendation for Scientific community			
	Dept of plant Molecular Biology and Biotechnology, ACHF, NAU, Navsari		
13.3.2	Development of EST-SSR marker in chilli	Accepted	Professor and Head, Dept of plant Molecular Biology and Biotechnology
13.3.3	Refinement of sucker tip decontamination technique for mass multiplication of Banana through tissue culture	Accepted with following suggestion ➢ Write "should be trimmed" instead of "should be trim" in recommendation.	Professor and Head, Dept of plant Molecular Biology and Biotechnology
13.3.4	Development of low cost technology for *in vitro* mass multiplication of Banana	Accepted	Professor and Head, Dept of plant Molecular Biology and Biotechnology
13.3.5	*In vitro* regeneration of spine gourd (*Momordica dioca* Roxb.)	Accepted	Professor and Head, Dept of plant Molecular Biology and Biotechnology
13.3.6	Food Quality Testing laboratory		
	Isolation, identification and exploitation of microbes from composting site for xylanase production for agro waste management	Accepted	Professor and Head, Food Quality Testing laboratory,
13.3.7	Exploring microbes for their siderophore production and their biocontrol potential	Accepted with following suggestion ➢ Name of bacteria must be mention in recommendation before submitting the final draft and presentation in the Combined Joint AGRESCO.	Professor and Head Food Quality Testing laboratory
13.3.8	Exploring microbes for exopolysaccharides (EPS) production	Accepted	Professor and Head Food Quality Testing laboratory
List of the new technical programme proposed			
	Dept. of Plant Molecular Biology and Biotechnology, ACHF		
13.3.9	Induction of systemic tolerance in tomato and brinjal to salt stress by halotolerant bacteria.		
13.3.10	Metagenomic analysis of flooded rice ecosystem under climate change resilience		

	PHT, ACHF, NAU, Navsari
13.3.11	Identification and trouble shooting of microbial contamination occurs during canning of mango pulp
	Dept. of Soil Science and Agricultural Chemistry, NMCA, NAU, Navsari
13.3.12	Screening of pigeon pea genotypes for qualitative characters
	FQTL, NMCA, NAU, Navsari
13.3.13	Status of heavy metals in green leafy vegetables grown under South Gujarat region.
13.3.14	Delaying the enzymatic browning of sugarcane juice by various treatments
	Dept. of Plant Breeding and Genetics, NMCA, NAU, Navsari
13.3.15	Screening of rice germplasm for zinc and iron content.
	Department of Plant Pathology, College of Agriculture, NAU, Bharuch
13.3.16	***C****haracterization and identification of different Rhizobium spp. from the varieties of Pigeonpea*

13.4 Agricultural Engineering

Recommendation for Farmers			
	Center of Excellence on Post Harvest Technology, NAU, Navsari		
13.4.1	Effect of Pretreatments on Quality Attributes of Dehydrated Green Chilli Powder.	Accepted with following suggestions ➢ Write temperature range in recommendation ➢ Recast the recommendation in Gujarati	I/c, CE on PHT, Navsari
13.4.2	Standardization of technology for preparation of unripe banana (*Musa paradisiaca* L.) powder for commercial adoption.	Accepted with following suggestions ➢ Recast the recommendation ➢ Remove "It is recommended" from recommendation.	I/c, CE on PHT, Navsari
13.4.3	Design of Corrugated fiber board box for packaging of Kesar mango.	Accepted with following suggestions ➢ Remove "It is recommended" from recommendation. ➢ Recast the recommendation in both English and Gujarati.	I/c, CE on PHT, Navsari
	Department of Agricultural Engineering, NMCA, Navsari		
13.4.4	Effect of tillage practices on sugarcane production	Accepted with following suggestion ➢ Correct in Gujarati language recommendation as per English language.	Prof. and Head, Dept. of Agril. Engg., NMCA

	Recommendation for Scientific community		
	Dept. of Information & Communication Technology, AABMI, Navsari		
13.4.5	A study of technical feasibility and development of Mobile App for Agricultural Information Dissemination to the farming community.	Accepted	Dept. of ICT,AABMI,NAU
13.4.6	A study on technical feasibility and development of the KIOSK system for the information dissemination to the farmers.	Accepted	Dept. of ICT,AABMI,NAU
List of the new technical programme proposed			
	Department Natural Resource Management, College of Forestry, Navsari		
13.4.7	Effect of drip irrigation scheduling on Eucalyptus species grown in South Gujarat.		
	Center of Excellence of PHT, Navsari		
13.4.8	Design and development of centrifugal vegetable dewatering machine		
13.4.9	Development and quality evaluation of jackfruit seed flour and soy flour fortified pasta		
	Soil and water management Research Unit, Navsari		
13.4.10	Effect of lateral and open drain spacing on growth and yield of kharif pigeon pea with irrigation though drip during *rabi* season under South Gujarat conditions.		
	College of Agricultural Engineering and Technology, N.A.U., Dediapada.		
13.4.11	Studies on drying characteristics of bitter gourd (*Momordica charantia* L.)		
13.4.12	Development of an apparatus for measuring angle of repose of granular materials.		
13.4.13	Development of zero energy evaporative cooling storage structure (ZEECSS) for tribal region of Dediapada		
13.4.14	Effect of land use/land cover changes on ground water resources of Dediapada block		
13.4.15	Computation of Crop Water Requirements for Major Crops of Dediapada Block		
13.4.16	Evaluation of solar tunnel dryer for feasibility of green leaves drying for herbal products.		
	College of Agriculture, NAU, Waghai		
13.4.17	Development of Erodibility Map for Dang district.		
13.4.18	Analysis of Land Cover Changes in Dang District over Past 30 years using Remote Sensing and GIS.		
	College of Agriculture, NAU, Bharuch		
13.4.19	Development of multipurpose biomass based water heating and cooking system for EWS (Economical Weaker Section) people.		

13.5 SOCIAL SCIENCE

Recommendation for Scientific community			
	ATIC, NAU, Navsari		
13.5.1	Usefulness of ATIC as perceived by the farmers	Deferred	Assoc. Prof. ATIC, NAU, Navsari
	Dept. of Economics, NMCA, NAU, Navsari		
13.5.2	Economic Viability of Layer poultry farms in Navsari district of Gujarat	Accepted with following suggestion ➢ Recast the recommendation with consultation with Director of Research, NAU, Navsari.	Professor, Economics, NMCA, NAU, Navsari
	Dept. of ,Economics, CoA, NAU, Bharuch		
13.5.3	Production and marketing of major flower crops in Bharuch district of South Gujarat	Accepted with following suggestions ➢ Write "high infection of diseases and pest" instead of "infestation of diseases". ➢ Remove word 'While" in recommendation.	Assoc.Professor, Economics,CoA, NAU, Bharuch
	Planning Cell, NAU, Navsari		
13.5.4	A study on awareness of farmers about organic farming and marketing of organic farm produce in Dang district	Accepted with following suggestions ➢ Write "Extension workers" instead of "farmers". ➢ Write "marginal farmers" instead of "small farmers" ➢ Write "Dangs" instead of "dang".	Planning Cell, NAU, Navsari
	AABM, NAU, Navsari		
13.5.5	An appraisal of rice flakes (Poha) processing units in Navsari district of South Gujarat	Accepted with following suggestions ➢ Write "message for policy makers, stalk holders and extension workers".	Assoc. Professor, AABM**,** NAU, Navsari
List of the new technical programme proposed			
	Centre : KVK, Vyara		
13.5.6	Fundamental clarity about FLDs and OFTs among KVK Scientists of Gujarat		
13.5.7	Marketing behavior of okra growers in Tapi district		
13.5.8	Adoption of improved dairy husbandry practices by the tribals of Tapi district**.**		
13.5.9	Pesticides use pattern among okra growers' in Tapi district		
13.5.10	Adoption of fruits and vegetable preservation technology by the tribal farm women of Tapi district		
	KVK, Waghai		
13.5.11	Knowledge regarding micro finances among the members Self Help Group		
	KVK, Surat		
13.5.12	Adoption of fruits and vegetable preservation technology by farm women of Surat district.		
	AES, Paria		
13.5.13	Impact of training on Cashew growers of Kaparada taluka.		
	Department of Extension Education, NMCA, Navsari		
13.5.14	Professionalism in management of dairy co-operatives in South Gujarat		

	Department of ACHF & SSK Navsari
13.5.15	Expectations of visitor farmers from Sadar Smurti Kendra (SSK), NAU, Nasvsari
	Department of Extension Education, VCVS&AH
13.5.16	Breed performance and production performance of dairy animals among dairy farmers of Navsari district
	Department of Extension Education, CoA, Bharuch
13.5.17	Awareness towards secondary soil salinity among thefarmers in Bharuch district
	Department of Extension Education, CoA, Waghai
13.5.18	Feedback regarding RAWE programme from thestudents of COA, Waghai (Dangs)
13.5.19	Decision making pattern of tribal women in dairy enterprise in Dangs district
	Polytechnic in Agriculture, Vyara
13.5.20	Study on expectations and motivational sources of enrolled students of polytechnic in agriculture, NAU, Vyara.
13.5.21	Analysis of adoption and constraints perceived by paddy growers in rice production technology in Tapi district of Gujarat State
	Department of Agricultural Economics, NMCA, NAU, Navsari
13.5.22	Economics of milk production of cows and buffaloes in Navsari district of Gujarat
	Department of Agricultural Economics, College of Agriculture, NAU, Bharuch
13.5.23	Economics of processing and marketing of Tur Dal in Bharuch district of South Gujarat
	Planning cell, Director of Research and Dean, PG Studies
13.5.24	Consumer behavoiur towards online shopping from Krushi Mall , Surat
13.5.25	Examine the pattern of fund received for research on major crops of South Gujarat
	Department of Agricultural Economics, CoA, NAU, Waghai
13.5.26	Evaluation of Kisan Credit Card (KCC) scheme
13.5.27	Impact of micro finance on empowerment of rural women in Dang district
	ASPEE Agribusiness Management Institute, NAU, Navsari
13.5.28	Evaluation of the full day career management training programme on “Campus to Corporate- C2C” through Kirkpatarik Model.
13.5.29	Study of organizational role stress (ORS) among the teachers of NAU, campus
13.5.30	Seasonal variations and forecasting in wholesale prices of brinjal in Surat market
13.5.31	Factors affecting marketing among small and marginal vegetables farmers of South Gujarat
13.5.32	Knowledge sharing behaviour among teaching staff of Navsari Agricultural University
13.5.33	Factors affecting marketing of spider lilly in Navsari district of Gujarat
	Registrar Office, NAU, Navsari
13.5.34	Consumer behaviour and marketing strategy towards durables of forest produce in Dangs district of SouthGujarat”
	Deptt. of Agril. Statistics, NMCA, NAU, Navsari
13.5.35	Estimation of optimum level of nitrogen and phosphorus in little millet (Vari) under rainfed condition
	Deptt. of Agril. Statistics, ACHF, NAU, Navsari
13.5.36	Instability in brinjal production of South Gujarat: A Decomposition Analysis
	Deptt. of Agril. Statistics, CoA, NAU, Waghai
13.5.37	Crop yield forecast models using different linear an non linear approach

13.6 Forestry

No.	Title	Suggestions	Action to be taken by
Recommendation for Farmers			
	Silviculture & Agroforestry		
13.6.1	Sustainable bark harvesting techniques in Arjun sadad (*Terminalia arjuna*)	Accepted	Assoc. Prof., Silviculture & Agroforestry
	Forest Biology & Tree Improvement		
13.6.2	Evaluation of Eucalyptus Clones for growth and physiological characters	Accepted	Asstt.Prof. (Tree Improvement), COF, ACHF
Recommendation for Scientific community			
	Silviculture & Agroforestry		
13.6.3	Sustainable Bark Harvesting Techniques in *Terminalia arjuna*	Accepted	Assoc. Prof., Dept. SAF, CoF., ACHF, NAU, Navsari
13.6.4	Evaluation of *Melia composita* (Cav.) families for germination traits and growth variation at nursery stage	Accepted	Astt.Prof. Dept. Of FBTI, CoF, ACHF., Navsari
13.6.5	Potential and prospects of Minor Forest Products in the Dangs of South Gujarat	Accepted with following suggestions ➢ Recast the recommendation ➢ Recommendation for farmers and foresters	Asstt. Prof., Dept. of FPU, Cof, ACHF., Navsari
13.6.6	Evaluation of carbon sequestration potential of different bamboo species in South Gujarat	Accepted with following suggestions ➢ Recast the recommendation ➢ Recommendation for farmers and foresters	Astt.Prof. Dept. Dept. of SAF, CoF, ACHF., Navsari
List of the new technical programme proposed			
	Silviculture & Agroforestry		
13.6.7	Seed germination and seedling emergence study in *Bombax insigne*		
13.6.8	Vegetative propagation of *Kydia calycina*.		
13.6.9	Screening of secondary host of sandal seedling for field establishment.		
13.6.10	Vegetative propagation of *Anthocephalus cadamba and Gmelina arborea*		
13.6.11	Rapid multiplication of *Dendrocalamus hamiltonii* through *in vitro* regeneration techniques from nodal explants		
13.6.12	Macro propagation of different bamboo species by Culm Cutting and Branch cutting with different root hormone treatments		
	Growth Evaluation of different bamboo species at Rambhas, Waghai.		
13.6.13	**Forest Biology & Tree Improvement**		
13.6.14	Evaluation of Eucalyptus Clones for Coppice growth and biomass		

13.6.15	Clonal variation for mechanical properties of wood in Eucalyptus
13.6.16	Population structure and genetic diversity analysis of *Diospyrus melanoxylon*
13.6.17	Population structure and genetic diversity analysis of *Sterculia urens*,
13.6.18	Genetic diversity and population structure analysis of *Oroxylum indicum.*
13.6.19	Genetic diversity and population structure analysis of *Buchnania lanzan*,
13.6.20	Vegetative propagaton of *Salix tetrasperma* from the Dang
13.6.21	Variability study for fruit and germination characters in *Diospyros melanoxylon* from Gujarat.
13.6.22	Inter and intra population variation for fruit and nut characters in *Buchnania lanzan.*
	Forest Products & Utilisation
13.6.23	Assessment of Bilayti Babool (*Prosopis juliflora)*, Babool *(Acacia nilotica) and* Neem *(Azadirchta indica)* trees of South Gujarat for natural gum potential
13.6.24	Macropropgation of Jyotishmati *(Celastrus paniculatus* Willd.)
13.6.25	Vegetative propagation of Dambel *(Tylophora indica)*
	Natural Resource Management
13.6.26	Evaluation of Ailanthus – Jatropha based multistoried cropping systems in South Gujarat
	Basic Science & Humanities
13.6.27	Assessment of genetic diversity present in different bamboo species using DNA based marker system.

13.7 HORTICULTURE

No.	Title	Suggestions	Action to be taken by
Recommendation for Farmers			
	DEPARTMENT OF VEGETABLE SCIENCE		
13.7.1	Effect of rhizome size on growth and yield of turmeric cv. GNT-1	Accepted with following suggestion ➢ Change "grow mother rhizome pieces" instead of "grow rhizome pieces" in recommendation	Head, Prof., Dept. of Vegetable Science, ACHF,NAU, Navsari
13.7.2	Standardization of fertigation and methods of training in capsicum under naturally ventilated polyhouse	Accepted	Head, Prof., Dept. of Vegetable Science, ACHF,NAU, Navsari
	Floriculture, ACHF, NAU, Navsari		
13.7.3	Effect of deleafing and foliar nutrient application for offseason flowering in Spider lily (*Hymenocallis littoralis*)	Accepted with following suggestion ➢ Remove "પ્રમાણે" in Gujarati recommendation.	Head, Floriculture, ACHF, NAU, Navsari

13.7.4	Effect of irrigation level and mulching on growth and yield of tuberose (*Polienthes tuberosa*) var. Prajwal	Deferred ➢ To be presented in next Agresco meeting with earlier reported data	Head, Floriculture, ACHF, NAU, Navsari
	PHT, ACHF, NAU.,Navsari		
13.7.5	Development of technology for dehydration of onions rings for adoption at commercial scale	Accepted with following suggestion ➢ Recommendation will also be present in Agricultural engineering in combined joint AGRESCO.	Head, PHT, ACHF, NAU.,Navsari
13.7.6	Development of technology for dehydration of okra slices for adoption at commercial scale	Accepted with following suggestions ➢ Recommendation should also be present in Agricultural engineering in combined joint AGRESCO.	Head, PHT, ACHF, NAU.,Navsari
13.7.7	Development of technology for dehydration of cauliflower for adoption at commercial scale	Accepted with following suggestion ➢ Recommendation should also be present in Agricultural engineering in combined joint AGRESCO.	Head, PHT, ACHF, NAU.,Navsari
13.7.8	Effect of hot water dip treatment on the eradication of fruit fly, ripening and quality of mango for export purpose (cvs. Kesar and Alphonso)	Accepted with following suggestion ➢ Recast the recommendation both in English and Gujarati.	Head, PHT, ACHF, NAU.,Navsari
13.7.9	Standardization of technology for preparation of unripe banana (*Musa paradisiaca* L.) powder for commercial adoption	Accepted	Head, PHT, ACHF, NAU.,Navsari
13.7.10	Effect of Pretreatments on Quality Attributes of Dehydrated Green Chilli Powder	Accepted	Head, PHT, ACHF, NAU.,Navsari
13.7.11	Varietal screening of cashew apple for preparation of RTS and Jam.	Accepted	Head, PHT, ACHF, NAU.,Navsari

	CoA, Bharuch		
13.7.12	Preparation and standardized technique of guava (*Psidium guajava* L.) and papaya (*Carica papaya* L.) blended RTS	Accepted	Head, Horticulture, COA- NAU, Bharuch.
13.7.13	Effect of chemicals on fruiting behavior, yield and quality of mango cv. Kesar	Accepted	Head, Horticulture, COA- NAU, Bharuch.
13.7.14	Effect of plant growth regulators on growth, yield and quality of ber (*Zizyphus mauritiana* Lamk.)	Deffered ➢ To be presented in next Agresco meeting with earlier reported data	Head, Horticulture, COA- NAU, Bharuch.
	FRS, Gandevi		
13.7.15	Effect of time of fertilizer application on yield and quality of sapota cv. Kalipatti.	Accepted	Action: Head, FRS, Gandevi
	Dept. of Fruit Science, ACHF, NAU, Navsari		
13.7.16	Effect of time and dose of fertilizer application on yield and quality of sapota cv. Kallipati	Accepted	Dept. of Fruit Science, ACHF, NAU, Navsari
Recommendation for Scientific community			
	Dept. of Fruit Science, ACHF, NAU, Navsari		
13.7.17	Seasonal influence on nutritional and physiological changes associated with flowering and fruiting behaviour in mango.	Accepted with following suggestion ➢ Recast the recommendation	Dept. of Fruit Science, ACHF, NAU, Navsari
	Dept. of Vegetable Science, ACHF, NAU, Navsari		
13.7.18	Evaluation of parthenocarpic cultivars of cucumber under protected conditions for yield and other horticultural traits.	Accepted with following suggestion ➢ To be presented in Crop Improvement group in CJA at SDAU	Head, Prof., Dept. of Vegetable Science, ACHF,NAU, Navsari
13.7.19	Evaluation of tomato cultivars under NVPH for yield and other horticultural traits.	Accepted with following suggestion ➢ To be presented in Crop Improvement group in CJA at SDAU	Head, Prof., Dept. of Vegetable Science, ACHF,NAU, Navsari
List of the new technical programme proposed			
	Department of Fruit Science, ACHF, NAU, Navsari		
13.7.20	Effect of heading back and pruning on growth and yield of high density planting orchard of mango cv. Kesar.		
13.7.21	Effect of heading back and pruning on growth and yield in sapota cv. Kalipatti planted at normal distance.		
13.7.22	Effect of heading back and pruning on growth and yield in sapota cv. Kalipatti planted at high density plantation.		

13.7.23	Effect of different foliar application of organics on management of mango malformation
	FRS, Gandevi
13.7.24	Evaluation of the field performance of the macro propagated plants of banana
13.7.25	Alleviation of soil moisture deficit stress in banana
13.7.26	Net house cultivation of papaya
13.7.27	Evaluation of new hybrids of sapota
	SWMRU, Navsari
13.7.28	Effect of different cultivation practices of yield and quality of banana pseudostem sap
13.7.29	Development of new formulations for adding insecticidal properties in banana pseudostem sap
	AES, Paria
13.7.30	Effect of foliar application of fertilizers on flowering, yield and quality of cashew (*Anacardium occidentale* L.) cv. Vengurla-4.
	NMCA
13.7.31	Effect of different colour shade net on germination and seedling growth of papaya (*Carica papaya*) var. Red Lady
	Horticulture Polytechnic, Navsari
13.7.32	Effect of organics on yield and quality of organically grown mango cv. Kesar
	Department of Vegetable Science, ACHF, NAU, Navsari
13.7.33	Response of Greater Yam (*Dioscorea alata* L.) to Different Growing Conditions.
13.7.34	effect of media for storage of spine gourd tubers
13.7.35	Standardization of fertilizer dose for Drumstick (*Moringa spp.*) var. PKM-1
13.7.36	Artificial oscillation for increasing fruit set and performance of tomato in polyhouse under South Gujarat conditions
13.7.37	Effect of different sources of nutrients and fertigation levels on yield and other horticultural traits in tomato under protected culture.
15.7.38	Parthenocarpic fruit development through various PGRs in musk melon under protected conditions.
15.7.39	Effect of different light sources on growth and quality of microgreens.
	Vegetable Science
15.7.40	Validation of organic farming technology in elephant foot yam.
	FLA Department, ACHF, NAU, Navsari
15.7.41	Effect of different growing media and foliar application of Nitrogen on Spinach
15.7.42	Effect of different growing media and foliar application of Nitrogen on fenugreek
15.7.43	Effect of different growing media on green garlic
	Horticulture Polytechnic, Navsari
15.7.44	Effect of land configuration and nutrient management on growth and yield of brinjal *(Solanum melongna* L.) Cv. Gujarat Navsari Brinjal -1
	Department of FLA, ACHF, NAU, Navsari
15.7.45	Integrated Weed Management in African Marigold (*Tegets erecta* L.) var. Pusa Narangi Gainda
15.7.46	Effect of different growing media on Haworthia pot plant
	NMCA
15.7.47	Response of IBA and cutting methods on vegetative growth of kamini (*Murraya exotica*).
	Department of PHT, ACHF, NAU, Navsari
15.7.48	Development and quality evaluation of jackfruit seed flour and soy flour fortified pasta
15.7.49	Identification and trouble shooting of biotic stress occurs during canning of mango pulp
15.7.50	Design and development of centrifugal vegetable dewatering machine

13.8 PLANT PROTECTION

Recommendation for Farmers			
	Department of Entomology, NMCA; NAU; Navsari		
13.8.1	Suppression of Rice Sheath Mite, *Steneotarsonemus spinki* Smiley (Acari: Tarsonemidae) infestation by using different acaricides	Accepted	Prof & Head, Dept. of Ento; NMCA
13.8.2	Bioefficacy of some pesticides against *Polyphagotarsonemus latus (*Banks) infesting sesamum	Accepted	Prof & Head, Dept. of Ento; NMCA
13.8.3	Chemical control of carnation mite, *Tetranychus urticae* under polyhouse condition	Accepted	Prof & Head, Dept. of Ento; NMCA
13.8.4	Bioefficacy of some pesticides against red spider mite, *Tetranychus urticae* (Koch) infesting brinjal	Accepted	Prof & Head, Dept. of Ento; NMCA
	Main Rice Research Centre, NAU; Navsari		
13.8.5	Bio-efficacy of insecticides against rice stem borer, *Scirpophaga* spp	Accepted	Assoc. Res. Scientist (Ento.) MRRC
	Main Cotton Research Station, NAU; Surat		
13.8.6	Bio-efficacy of Selected Insecticides against Pink Bollworm in *Bt* cotton	Accepted	Assoc. Res. Scientist (Ento.) MCRS
	PLANT PATHOLOGY		
	College of Agriculture, NAU; Waghai		
13.8.7	Efficacy of fungicides and bioagent as seed treatment as well as foliar spray for the control of blast disease of finger millet	Accepted	Asstt. Prof. (Pl. Path.), COA-Waghai

Recommendation for Scientific community			
	ENTOMOLOGY		
	Department of Entomology, NMCA		
13.8.8	Role of antibiotics in mulberry silkworm *Bombyx mori* L. rearing	Accepted with following suggestion ➢ Give recommendation in Gujarati language also.	Prof & Head, Dept. of Ento; NMCA
13.8.9	Role of antibiotics in eri silkworm, *Samia cynthia ricini* Hutt rearing	Accepted with following suggestion ➢ Give recommendation in Gujarati language also.	Prof & Head, Dept. of Ento; NMCA
13.8.10	Survey of ecto-parasitic *Varroa* mite infesting honey bees (*Aphis* sp.)	Accepted	Prof & Head, Dept. of Ento; NMCA
	College of Agriculture, NAU; Bharuch		
13.8.11	Evaluation of insecticides against pod sucking bug *Clavigralla gibbosa* Spinola in pigeon pea cv.Vaishali	Accepted	Asstt. Prof Ento; COA-NARP Bharuch
13.8.12	Survey and surveillance of major insect pests of pigeon pea at College Farm, Bharuch as well as Narmada district	Accepted	Asstt. Prof Ento; COA-NARP Bharuch
	ASABI; NAU; Surat		
13.8.13	Biochemical changes in sorghum genotypes against shoot fly, *Atherigona soccata*	Accepted	Asstt. Prof. Ento; ASABI Surat
	FQTL; NAU; Navsari		
13.8.14	Dissipation and Persistence of combi-product of profenofos 40 % + cypermethrin 4 % in sapota and its distribution in edible parts of fruits	Accepted	Asstt. Res. Scientist (Pesticide residue), FQTL, Navsari
13.8.15	Disssipation and persistence of combi-product of chlorpyrifos 50 % + cypermethrin 5 % in sapota and its distribution in edible parts of fruit	Accepted	Asstt. Res. Scientist (Pesticide residue), FQTL, Navsari

	Main Sugarcane Research Station, NAU; Navsari		
13.8.16	Screening of sugarcane varieties for early shoot borer resistance	Accepted	Asstt. Res. Scientist (Ento.), MSRS, Navsari)
	Main Rice Research Centre, NAU; Navsari		
13.8.17	Screening of recommended varieties for resistance against stem borer of rice	Accepted	Assoc. Res. Scientist (Ento.) MRRC; Navsari
13.8.18	Evaluation of insecticides against rice gundhi bug, *Leptocorisa acuta* (Thunberg)	Accepted	Assoc. Res. Scientist (Ento.) MRRC; Navsari
	Regional Cotton Research Station, NAU; Bharuch		
13.8.19	Screening of *Gossypium hirsutum* cotton genotypes/varieties against sucking pests under rainfed conditions.	Accepted	Asstt. Res. Scientist (Ento), RCRS Bharuch
13.8.20	Screening of *Gossypium hirsutum* cotton genotypes/ varieties against bollworms under rainfed conditions.	Accepted	Asstt. Res. Scientist (Ento), RCRS Bharuch
13.8.21	Screening of *Gossypium arboreum* cotton genotypes/varieties against insect pests under rainfed conditions.	Accepted	
	Agriculture Experimental Station, NAU; Paria		
13.8.22	Survey of stone weevil of mango and their natural enemies	Accepted	Asstt. Res. Scientist (Ento), NARP, AES; Paria
	PLANT PATHOLOGY		
	Department of Plant Pathology, NMCA; NAU; Navsari		
13.8.23	Mapping the mycogeography of the macromycetes from Dangs	Accepted	Prof. & Head, Deptt. of Pl. Pathology NMCA; Navsari

	College of Agriculture, NAU; Waghai		
13.8.24	Efficacy of fungicides and bioagent as seed treatment as well as foliar spray for the control of blast disease of finger millet	Accepted with following suggestions ➢ Give CIB information. ➢ Recommended for the farmers and write the Gujarati version of the recommendation also.	Asstt. Prof. (Pl. Path.), COA-Waghai
13.8.25	Evaluation of finger millet (*Eleusine coracana* L. Gaertn.) germplasms for resistance to blast disease on the basis of biochemical parameter.	Accepted	Asstt. Prof. (Pl. Path.), COA-Waghai
	Main Sugarcane Research Station, NAU; Navsari		
13.8.26	Screening of sugarcane varieties for wilt resistance	Accepted	Asstt. Res. Scientist (Pl. Path), MSRS; Navsari
	Agriculture Experimental Station, NAU; Paria		
13.8.27	Screening of mango germplasm against powdery mildew	Accepted	Assoc. Res. Sci.(Pl. Path.), AES; Paria

List of the new technical programme proposed

List of New Technical Programme	
	Dept. of Entomology, NMCA; NAU; Navsari
13.8.28	Monitoring of resistance levels in *Tetranychus urticae* (Koch) on okra to fenazaquin and propargite
13.8.29	Evaluation of different substrates for mass culturing of *Beauveria bassiana*
13.8.30	Diversity of weevils (Coleoptera: Curculionidae) under South Gujarat
13.8.31	Effect of Pollination by Stingless bees on yield and quality of musk melon fruits.
13.8.32	Survey of beekeepers and identifying their problems in Gujarat
	Food Quality Testing Laboratory, NAU; Navsari
13.8.33	Status of pesticide residues in/on seasonal green leafy vegetables in South Gujarat
	Main Sorghum Research Station, NAU; Surat
13.8.34	Evaluation of different oils against sorghum shoot fly
	Agriculture Experimental Station, NAU; Paria
13.8.35	Survey of mango stone weevil in south Gujarat
	Fruit Research Station, NAU; Gandevi
13.8.36	Management of seed borer in sapota
	Krishi Vigyan Kendra, NAU; Navsari
13.8.37	Survey and surveillance of different species of mango hoppers in Navsari district
	Krishi Vigyan Kendra, NAU; Vyara
13.8.38	Pesticides use pattern of Okra growers' in Controlling Insect-Pests and diseases in Tapi district of south Gujarat

	PLANT PATHOLOGY
	College of Agriculture, NAU; Bharuch
13.8.39	**Evaluation of promising entries of pigeon pea against wilt disease in wilt sick plot**
13.8.40	Isolation, characterization and identification of *Rhizobium* spp. from the different varieties of Pigeon pea
	College of Agriculture, NAU; Waghai
13.8.41	Biological management of chickpea wilt
13.8.42	Biological management of foot rot in finger millet
	Regional Rice Research Station, NAU; Vyara
13.8.43	Management of rice seedling rot caused by *Sclerotium rolfsi*
13.8.44	Management of stem rot disease of groundnut under rice based cropping system
	Main Cotton Research Station, Surat
13.8.45	Developing IDM modules for the management of cotton diseases
	Main Sorghum Research Station, Surat
13.8.46	Isolation and variability study of different isolates of *Colletotrichum* causing anthracnose of sorghum under area of south Gujarat

13.9 NATURAL RESOURCE MANAGEMENT

No.	Title	Suggestions	Action to be taken by
Recommendation for Farmers			
	SWMRU,NAU, Navsari		
13.9.1	Evaluating effect of banana pseudostem enriched sap (Foliar Spray) on *hirsutum* cotton	Accepted	Res. Sci.(Soil & Water), SWMRU
13.9.2	Effect of different colour shade nets on biomass yield and quality of fenugreek, coriander and garlic	Accepted	Res. Sci.(Soil & Water), SWMRU
13.9.3	Comparative study of different sleeving materials in banana	Accepted	Res. Sci.(Soil & Water), SWMRU
	CSSRS,NAU, Danti/Ubharat		
13.9.4	Effect of irrigation and variety on fodder sugar beet grown under coastal salt affected soils	Accepted	Research Scientist, SWMRU,NAU, Navsari
	MRRC, Navsari		
13.9.5	Evaluation of rice based crop sequence under aerobic and transplanted method of cultivation in South Gujarat condition	Accepted	Research Scientist, SWMRU,NAU, Navsari
13.9.6	Effect of Fe on rice varieties under South Gujarat conditions	Accepted	Research Scientist, SWMRU,NAU, Navsari

	Pulses & Castor Research Station, NAU, Navsari		
13.9.7	Spacing and nutrient management for pigeon pea *cv*. GT-102 during *rabi* season	Accepted	Research Scientists, P&CRS. NAU
13.9.8	Evaluation of drip fertigation on *rabi* castor productivity	Accepted	Research Scientists, P&CRS. NAU
13.9.9	Integrated Weed Management in Castor	Accepted	Research Scientists, P&CRS. NAU
	Hill millet Research Station, waghai		
13.9.10	Response of different varieties of finger millet (Nagli) to integrated nutrient management under rainfed condition	Accepted with following suggestion ➢ Replace "+" with "and" in recommendation.	Assoc. Res. Sci., HMRS
13.9.11	Response of little millet (*Vari*) to nitrogen and phosphorus levels under rainfed condition	Accepted	Assoc. Res. Sci., HMRS
	Main Sorghum Research Station, NAU, Surat		
13.9.12	Refinement of sowing dates for *kharif* grain sorghum varieties/ promising lines under changing climate of South Gujarat	Accepted	Res. Sci., MSRS, NAU, Surat
	Department of Agronomy, NMCA, Navsari		
13.9.13	Potash status in soil as affected by intensive cropping (paddy wheat–green gram) under medium and high fertility levels with and without application of potash	Accepted	Professor, Dept of Agronomy, NMCA
13.9.14	Real time nitrogen management through leaf colour chart in rice cultivar	Accepted	Professor, Dept of Agronomy, NMCA
13.9.15	Impact of different summer green manures on succeeding *kharif* paddy under integrated nutrient management	Accepted	Professor, Dept of Agronomy, NMCA

13.9.16	Weed management in sugarcane *var.* Co 99004 under south Gujarat condition	Accepted	Professor, Dept of Agronomy, NMCA
13.9.17	Integrated weed management in *rabi* sorghum (*Sorghum bicolor* L.) under south Gujarat condition	Accepted	Professor, Dept of Agronomy, NMCA
13.9.18	Weed and nitrogen management in aerobic rice	Accepted with following suggestion ➢ Replace "હાથથી બે વાર નિંદામણ " instead of " બે હાથથી નિંદામણ" in recommendation	Professor, Dept of Agronomy, NMCA
	College of Agriculture, NAU, Bharuch		
13.9.19	Study of critical period of crop-weed competition in cotton under *rainfed* condition of South Gujarat	Accepted	Prof. Agronomy, College of Agriculture, NAU, Bharuch
	Krishi Vigyan Kendra, NAU, Dadiyapada		
13.9.20	Response of sorghum varieties to different tillage practices under conserved moisture after *kharif* paddy (Drilled)	Accepted	Senior Scientist, KVK, Dediyapada
	Agriculture Research Station, Tanchha		
13.9.21	Fertilizer management in *rabi* black moong under conserved soil moisture condition	Accepted	Asstt. Res. Sci., ARS, Tanachha
RECOMMENDATIONS FOR SCIENTIFIC COMMUNITY			
	Main Cotton Research Station, NAU, Surat		
13.9.22	Agronomic requirement of cotton varieties for high density planting systems under irrigated conditions	Accepted	Res. Sci.(Cotton), MCRS
	Department of NRM, ACHF, Navsari (Forestry College)		
13.9.23	Estimation of green house gases (CHGs) emission from paddy fields	Accepted	Prof., Dept. of NRM., ACHF, NAU, Navsari
	Dept. of Meteorology, NMCA, NAU, Navsari		
13.9.24	Determination of correlation for various weather parameters over South Gujarat	Accepted with following suggestion ➢ Details of negative and positive correlation should be mention in recommendation.	Prof., Dept. of Metrology., NMCA, NAU, Navsari

List of the new technical programme proposed	
	Soil and Water Management Research Unit, NAU, Navsari
13.9.25	Spatial distribution of moisture and nutrient under different drip discharge rate and lateral placement in cabbage (*Brassica oleracea* L) grown on clay soil of South Gujarat
13.9.26	Effect of different methods of irrigation and conservation tillage practices on sweet corn after kharif rice
	CSSRS, Danti/Umbharat
13.9.27	Effect of green manuring and organic manure on rice based cropping system under coastal salt affected soils
	MRRC, NAU, Navsari
13.9.28	Efficiency of Neem Coated Urea (NCU) in irrigated rice eco-system (AICRP trial)
13.9.29	To evaluate the new herbicide product for weed control efficiency in puddled direct sown rice (AICRP trial)
	Main Sugarcane Research Station, NAU, Navsari
13.9.30	Agronomic performance of elite sugarcane genotypes
	Hill Millet Research Station Waghai,
13.9.31	Effect of integrated nutrient management on finger millet (Nagli) under rainfed conditions of hilly region
	Main Cotton Research Station, Surat
13.9.32	Optimizing fertilizer requirement for recently approved Bt cotton hybrid (G. Cot Hy-10 (BG-II)) under irrigated condition
13.9.33	Evaluate the effect of different levels and frequency of K fertilizer application on yield and quality of cotton
	Agriculture Research Station, Paria
13.9.34	Effect of time of irrigation on flowering and yield of cashew
	Department of Agronomy, N.M. College of Agriculture, NAU, Navsari
13.9.35	Effect of spacing on the performance of sorghum varieties during summer season
13.9.36	Response of summer sesamum (*Sesamum indicum* L.) to integrated nutrient management under south Gujarat condition
	College of Agriculture, Bharuch
13.9.37	Response of cotton to tillage and different intercropping system under rainfed condition of south Gujarat condition
13.9.38	Phytotoxic evaluation of facultative weed species
13.9.39	Response of pigeon pea to spacing and fertility levels under rainfed condition of south Gujarat

	Department of Soil Science & Agril. Chemistry, N.M. College of Agriculture, NAU, Navsari
13.9.40	Effect of boron and zinc application on growth, yield and quality of sugarcane (*Saccharum officinarum* L.) under South Gujarat Condition. (In collaboration with College Farm, NAU, Navsari)
	Agriculture Research Station, Cotton Research Sub-Station, Achhalia
13.9.41	Studies on sowing dates and spacing on vegetable pigeon pea grown during pre-monsoon.
	Dept. of Meteorology, NMCA, NAU, Navsari
13.9.42	Rainy days analysis by using binominal and normal distributions at Navsari district

13.10 CROP IMPROVEMENT

No.	Title	Suggestions	Action to be taken by
Recommendation for Farmers			
	MCRS, NAU, Surat		
13.10.1	Cotton : GISV-272 (GN.Cot.-24)	Accepted	Research Scientist, MCRS, NAU, Surat
13.10.2	Cotton : GBHV-170 (GN.Cot.-26)	Accepted	Research Scientist, MCRS, NAU, Surat
13.10.3	Cotton : GISV-267 (GN.Cot.-32)	Accepted	Research Scientist, MCRS, NAU, Surat
13.10.4	Cotton : GShv-497/10 (GN.Cot.-27)	Accepted	Research Scientist, MCRS, NAU, Surat
13.10.5	Cotton : GBav -106 (GN.Cot.-29)	Accepted	Research Scientist, MCRS, NAU, Surat
13.10.6	Cotton : GSHH-2759(GN.Cot.Hy-18)	Accepted	Research Scientist, MCRS, NAU, Surat
	MRRC, NAU, Navsari		
13.10.7	Rice : NVSR-6128 (GNR-7)	Accepted	Asso. Research Scientist, MRRC, NAU, Navsari
	RRRS, NAU, Vyara		
13.10.8	Rice : NVSR-H-1011 (GNRH-2)	Accepted	Asso. Research Scientist, RRRS, NAU, Vyara
	MSRS, NAU, Navsari		
13.10.9	Sugarcane : CoN13073 (GNS-10)	Accepted	Research Scientist, MSRS, NAU, Navsari
	Pulse Research Station, NAU, Navsari		
13.10.10	Indian Bean : NIBD-14-01 (GNIB-22)	Accepted	Asso. Research Scientist, PRS, NAU, Navsari
13.10.11	Mung Bean : NMK-15-12 (GNM-6)	Accepted	Asso. Research Scientist, PRS, NAU, Navsari

	WRS, NAU, Bardoli		
13.10.12	Wheat : BDW-18 (GNW-1)	Accepted	Asstt. Research Scientist, WRS, NAU, Bardoli
	MSRS, NAU, Surat		
13.10.13	Sorghum : SR 833-2-2 (GNJ-2R)	Accepted	Research Scientist, MSRS, NAU, Surat
	Vegetable Department, ACHF		
13.10.14	Tomato: NTL-12-07 (GN Tom-1)	Accepted	Asstt. Research Scientist, ACHF, NAU, Navsari
13.10.15	Greater yam : NAUDa-1 (GNRGy-1)	Accepted	Asstt. Research Scientist, ACHF, NAU, Navsari
13.10.16	Sweet Potato : CIP-440127 (Bhu Kanti)	Accepted	Asstt. Research Scientist, ACHF, NAU, Navsari
NEW TECHNICAL PROGRAMME			
	MSRS, NAU, Navsari		
13.10.17	Development of fodder purpose sugarcane genotypes		
13.10.18	Assessment of bush type French bean (*Phaseolus vulgaris*) varieties suitable for the Dangs district.		
	RRRS, NAU, Vyara		
13.10.19	Genetic variability for quality traits in advanced breeding lines in Rice (*Oryza sativa*)		
	Floriculture, ACHF, NAU, Navsari		
13.10.20	Genetic improvement through hybridization in Adenium		
13.10.21	Collection and evaluation of local spider lily germplasm of the South Gujarat region		
13.10.22	Hybridization in Gladiolus		
13.10.23	Induction of variability in Spider lily (*Hymenocallis littorallis*) through chemical mutagens		
13.10.24	Induction of variability in Spider lily (*Hymenocallis littorallis*) through colchicines treatment		
13.10.25	Collection and evaluation of local turfgrass germplasm of the South Gujarat region		

Common Suggestion:

- Convener of Plant Protection Agresco Subcommittee should raise the problem related to CIB guideline at CJA, S K Nagar.

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