

**PROCEEDINGS OF 19<sup>TH</sup> JOINT AGRESO MEETING OF  
NAVSARI AGRICULTURAL UNIVERSITY HELD ON 05<sup>TH</sup> April, 2023**

Venue: Swami Vivekanand Hall, ACHF, NAU, Navsari Time: 9:30 a.m. onwards

Chairman: Dr. Z. P. Patel, Hon'ble Vice-Chancellor, NAU, Navsari.

Co-Chairman: Dr. T. R. Ahlawat, Director of Research & Dean, P.G. Studies, NAU, Navsari.

Rapporteur : 1. Dr. K. G. Patel, Professor, SSAC, NMCA, NAU, Navsari

2. Dr. C. G. Intwala, Professor, ACH, NAU, Navsari

The 19<sup>th</sup> Joint AGRESO meeting commenced at 09.30 hrs, at Swami Vivekanand Hall, ACHF, NAU, Navsari in the presence of Chairman, Co-chairman, Rapporteur, staff members of Directorate of Research, concerned conveners of the AGRESO Sub-committees, Principal and Dean, N.M.C.A., Navsari, Principal, CoA, Waghai and Bharuch, Principal, AABMI, Navsari, Scientist of various research centers and Professor of different faculties of Agriculture, Forestry, Horticulture and Veterinary Sciences as well as principal investigators (PI) of different experiments participated in the technical session.

The meeting was initiated with the welcome address by Dr. Lalit Mahatma, Associate Director of Research (ADR), NAU, Navsari followed by floral welcome.

Dr. Narendra Singh (Convener, Social Science), Dr. Rajkumar Katagi (Convener, Basic Science), Dr. Sumankumar Jha (Convener, Forestry), Dr. P. K. Shrivastava (Convener, Agril. Engineering), Dr. Dev Raj, (Convener, Horticulture), Dr. Hemant Sharma (Convener, Plant Protection), Dr. Sonal Tripathi (Convener, Natural Resource Management), Dr. B. K. Davda, (Convener, Crop Improvement) and Dr. Sanjay Pradhan (Convener, Animal Science) presented the report of respective AGRESO sub-committee. All the recommendations presented by different conveners were thoroughly screened by the house. The proceedings comprised of approved, approved with suggestion, withheld and not accepted recommendations and new technical programmes are given here under in tabular form.

**Summary of recommendation and NTP present in 19<sup>th</sup> Joint AGRESO**

Sr. No.	Name of AGRESO Sub-committee	Farmers Recommendation		Scientific Information		NTP	
		Approved	Withheld/ Not approved	Approved	Withheld/ Not approved	Approved	Not approved
1	Social Science	00	-	07	-	24	-
2	Basic Sciences	03	-	04	-	06	-
3	Forestry	01	-	04	-	07	-
4	Agril. Engineering	04	02	05	01	10	-
5	Horticulture	15	-	06+01	-	19	01
6	Plant Protection	12	-	06	-	20	-
7	Natural Resource Management	18	-	03	-	26	-
8	Crop Improvement	11	-	00	-	00	-
9.	Animal Science	01	-	01	-	00	-
	<b>Total</b>	<b>66</b>	<b>01</b>	<b>37</b>	<b>01</b>	<b>112</b>	<b>01</b>



### 19.1 Social Science

No.	Title	Suggestions	Action to be taken by
Recommendations of Farming Community (00)			
19.1.0	Nil		
Information for Scientific Community (07)			
19.1.1	Total Factor Productivity Growth of Sugar Industry in South Gujarat Region	Suggestions: 1. Replace the word “should be” with “can be”.	Prof. & Head. Dept. of Agril. Economics, NMCA, NAU, Navsari
19.1.2	Time series analysis of cauliflower prices in the selected markets of Gujarat	Suggestions: 1. Replace the word “recommended” with “suggested”. 2. Report the roman words such as i.e., viz., etc. in italic form.	Prof. & Head. Dept. of Agril. Economics, NMCA, NAU, Navsari
19.1.3	Climate Change Impacts on Livestock and Adaptation Strategies for sustainable production	Suggestions: 1. Revise the draft as per suggestion in house.	Prof. & Head. Dept. of Agril. Economics, NMCA, NAU, Navsari
19.1.4	Role of Agricultural Infrastructure on Agricultural Efficiency in Gujarat	Suggestions: 1. Remove the words “to develop more project” from draft.	Assoc. Prof.& Head. Dept. of Social Science, ACHF, NAU, Navsari
19.1.5	Estimating Total Factor Productivity of Banana in South Gujarat Region	“Approved”	Asst. Prof. Dept. of Agril. Economics, COA, NAU, Bharuch
19.1.6	Estimation of Cotton Yield using Two-Phase Sampling approach	Suggestions: 1. Remove the words “The house has approved scientific recommendation as” from draft. 2. Replace the word “recommended” with “suggested”. 3. Revise the recommendation part as per suggestion.	Assistant Professor Dept. of Agril. Statistics, COA, NAU, Waghai
19.1.7	Evaluation and development of yardstick of CV% for mango crop experiments for South Gujarat region	Suggestions: 1. Remove the words “The house has approved scientific recommendation as” from draft and revise as per suggestions.	Professor & Head. Dept. of Social Science, ACHF, NAU, Navsari
	List of the New Technical Programmes (24)		

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19.1.8	Adoption of organic farming among farmers of Navsari District.	"Approved"	Senior Scientist & Head, KVK, NAU, Navsari
19.1.9	Roles of farm women in decision making activities in Navsari District	"Approved"	Senior Scientist & Head, KVK, NAU, Navsari
19.1.10	Farmers' response on performance of improved cultivars of major crops in different agro- ecological system in Narmada District	"Approved"	Senior Scientist & Head, KVK, NAU, Dediapada
19.1.11	Training needs and information seeking behavior of the farmers about natural farming in South Gujarat	"Approved"	HOD, Agril. Extn. & Communication, NMCA, NAU, Navsari
19.1.12	Attitude of farmers towards the export of banana in Bharuch Districts	"Approved"	Asso. Prof. & Head, Agri. Extn. Education, COA, Bharuch
19.1.13	Knowledge and adoption of value added products of millets by rural women of Surat district	"Approved"	Senior Scientist & Head, KVK, NAU, Surat
19.1.14	Knowledge and adoption of farmers about mushroom production technologies in the Dang District	"Approved"	Senior Scientist & Head, KVK, NAU, Waghai
19.1.15	Soft skills among final year students of B.Sc (Hons) and PIA Waghai	Suggestions: 1. Write the full form of PIA in title of experiment.	Principal, Polytechnic in Agriculture, CoA, NAU, Waghai
19.1.16	Adoption of Oyster Mushroom production technologies by farmers in Tapi district of South Gujarat	"Approved"	Senior Scientist & Head, KVK, NAU, Vyara (Tapi)
19.1.17	Techno economic empowerment through digital extension among farmers in Tapi district of South Gujarat	"Approved"	Polytechnic in Agriculture, NAU, Vyara
19.1.18	Perception of farmers about Natural Farming in South Gujarat	"Approved"	HOD, Agril. Extn. & Commun., NMCA, NAU, Navsari
19.1.19	Economics, Marketing and Trends of Non -Timber Forest Products in Dang district of Gujarat	Suggestions: 1. Report "the Dang" instead of "Dang"	Professor & Head. Dept. of Agril. Econ., NMCA, NAU, Navsari

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19.1.20	Time series analysis of cabbage prices in the selected markets of Gujarat	"Approved"	Professor & Head. Dept. of Agril. Econ., NMCA, NAU, Navsari
19.1.21	Temporal Business Opportunities and Price Forecasting of TOP Vegetables for Major Markets of Gujarat Using Neural Network Model	Suggestions: 1. Write the full form of TOP in title.	Professor & Head. Dept. of Agril. Econ., NMCA, NAU, Navsari
19.1.22	Water use efficiency of water intensive crops: a study of borewell owning farmers of South Gujarat	Suggestions: 1. Add Agril. Engineering faculty in investigators team.	Professor & Head. Dept. of Social Science, ACHF, NAU, Navsari
19.1.23	Trade performance of Wood Products of India	"Approved"	Professor & Head. Dept. of Social Science, ACHF, NAU, Navsari
19.1.24	Assessment of Post Harvest Loss of Papaya on Farmers Income in South Gujarat	"Approved"	Planning Officer, DR Office, Navsari
19.1.25	Factors influencing farmers' decision to select a bank for availing an agricultural loan in Navsari district	"Approved"	In-charge, Planning cell, DR Office, Navsari
19.1.26	Growth Performance and decomposition analysis of nutria-cereals in Gujarat	"Approved"	Assistant Professor Dept. of Agril. Economics, COA, NAU, Bharuch
19.1.27	"Yield Gap Efficiency of Chilli Cultivation in Tapi district of Gujarat"	"Approved"	Principal PIA, Vyara
19.1.28	Consumer Perception and Behavior regarding Millets and its value added Production South Gujarat	"Approved"	Principal AABMI, Navsari
19.1.29	Dynamics of Wholesale Price and Arrivals of Pointed Gourd and temporal business opportunities in Major Markets of Gujarat	"Approved"	Principal AABMI, Navsari
19.1.30	Population dynamics and growth patterns of mango Hopper and fruit fly through the statistical model	"Approved"	Professor & Head. Dept. of Agril. Statistics, NMCA, NAU, Navsari

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19.1.31	Estimation of 305-day milk yield from cumulative monthly and bimonthly test day records in Surti Buffalo	"Approved"	Assistant Professor Dept. of Agril. Statistics, COA, NAU, Waghai
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## 19.2 Basic Science

No.	Title	Suggestions	Action to be taken by
<b>Recommendations of Farming Community (03)</b>			
19.2.1	Response of different chemicals under rainfed conditions in cotton	Suggestions: 1. Write only "South Gujarat" in recommendation draft. 2. Write spray concentration as "2% KNO <sub>3</sub> (20g/l)" instead of "2% KNO <sub>3</sub> ". 3. Replace the word "recommended" with "advised".	Research Scientist (Cotton), MCRS, NAU, Surat
19.2.2	Effect of fertilizer and growth regulator on physiology of cotton under High Density Planting System	Suggestions: 1. Write only "South Gujarat" in recommendation draft. 2. Mention active gradient (a.i.) rate of mepiquat chloride.	Research Scientist (Cotton), MCRS, NAU, Surat
19.2.3	Evaluation of different methods for manure preparation from straw and threshing waste of rice	Suggestions: 1. Replace the word "recommended" with "advised". 2. Mention the quantity of microbial formulation 3. Mention the time reduction range in recommended treatment in draft.	HOD, FQTL, NMCA, NAU, Navsari
<b>Information for Scientific Community (04)</b>			
19.2.4	Phytochemical screening and determination of antioxidant activity of different mango cultivars	Suggestions: 1. Remove the sentence "It is informed to scientific community that" and "The information will be helpful in further varietal improvement programme" from the draft and revise as per suggestion. 2. Replace the words "as under" with "shown in the given table"	HOD, Fruit science, ACH, NAU, Navsari
19.2.5	Comparative study of biochemical parameters in dry and sprouted seed of green grams	Suggestions: 1. Remove the sentence "It is informed to scientific community that" from the draft. 2. Mention the name of each genotype in draft and revise as per suggestion.	Principal, COA, NAU, Bharuch
19.2.6	Exploring cellulolytic bacteria as cotton stalk degrader	Suggestions: 1. Start the draft as "Bacterial isolates identified as.....". 2. Remove the duplication of "cotton"	Research Scientist (Cotton), MCRS, NAU,

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		stalk” word from draft.	Surat
19.2.7	Biochemical changes associated with storage period in sweet potato	Suggestions: 1. Mention name of crop and storage temperature in draft and revise as per suggestion.	HOD, Soil Sci & Agri Chem, NMCA, NAU, Navsari
<b>List of the New Technical Programmes (06)</b>			
19.2.8	Study of biochemical and mineral composition of different vegetable microgreens and their mature greens	“Approved”	Principal, COA, NAU, Bharuch
19.2.9	Effect of different defoliant on HDPS cotton	“Approved”	Research Scientist (Cotton), MCRS, NAU, Surat
19.2.10	Screening of cotton genotype for salinity tolerance	“Approved”	Research Scientist (Cotton), MCRS, NAU, Surat
19.2.11	Study on bacterial decomposition of cotton stalk in the soil and its effect on cotton seedling growth	“Approved”	Research Scientist (Cotton), MCRS, NAU, Surat
19.2.12	Study of multifunctional characters of endophytic bacteria isolated from wild cotton plant <i>Gossypium aridum</i>	“Approved”	Research Scientist (Cotton), MCRS, NAU, Surat
19.2.13	Partial purification of IAA produced by the paddy rhizospheric bacteria	“Approved”	HOD, Dept. of Agril. Microbiology, NMCA, NAU, Navsari

### 19.3 Forestry

No.	Title	Suggestions	Action to be taken by
<b>Recommendations of Farming Community (01)</b>			
19.3.1	Effect of windbreak ( <i>Casuarina equisetifolia</i> L.) on	Suggestions: 1. Write only “South Gujarat” in draft. 2. Recast the recommendation part as	PI & HOD, Silviculture and Agroforestry



	productivity of paddy in South Gujarat	per suggestion. 4.	Department, CoF, NAU, Navsari
<b>Information for Scientific Community (04)</b>			
19.3.2	Phenological study of Lesser known and Threatened tree species of South Gujarat	Suggestions: 1. Recast the recommendation part as per suggestion.	PI & HOD, Silviculture and Agroforestry Department, CoF, ACHF, NAU, Navsari
19.3.3	Assessment of Gando Babool ( <i>Prosopis juliflora</i> ), Babool ( <i>Acacia nilotica</i> ) and Neem ( <i>Azadirachta indica</i> ) trees of South Gujarat for natural gum potential.	Suggestions: 1. Present the recommendation before constituted committee prior to presentation in CJA.	PI & HOD, Forest Products and Utilization, CoF, NAU, Navsari
19.3.4	Assessment of physical and anatomical properties of different bamboo species	Suggestions: 1. Replace the word "More over" with "However".	PI & HOD, Forest Products and Utilization, CoF, NAU, Navsari
19.3.5	Air pollution tolerance index (APTI) of selected tree species of Navsari	Suggestions: 1. Give the full form of APTI in draft.	PI & HOD, Natural Resource Management, CoF, NAU, Navsari
<b>List of the New Technical Programmes (07)</b>			
19.3.6	Influence of various spacing and foliar application of liquid fertilizers on performance of Cowpea ( <i>Vigna unguiculata</i> L.) under mango-based agroforestry system	"Approved"	SAF Dr. M.B. Tandel
19.3.7	Evaluation of growth performance of coppice shoots of Teak ( <i>Tectona grandis</i> L. f.).	"Approved"	SAF Dr. M.B. Tandel
19.3.8	Evaluation of different bamboo species for charcoal production	"Approved"	SAF Dr. Jayesh Pathak
19.3.9	Evaluation of	"Approved"	SAF Dr. Jayesh

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	different bamboo species for vinegar production and nutritive value		Pathak
19.3.10	Evaluation of different bamboo species for biochar production	"Approved"	SAF Dr. Jayesh Pathak
19.3.11	Selection, propagation and clonal evaluation of Bambusa bambos (L.) Voss. And Dendrocalamus strictus (Roxb.) Nees germplasm for growth and biomass productivity	"Approved"	FBTI Dr. S. A. Huse
19.3.12	Quantitative and cross-cultural Ethnobotanical studies of plants used by Kukna tribe of South Gujarat	"Approved"	FPU Dr. B.S. Desai
-	Plan new APTI related experiment for Bharuch, Surat and Vapi areas.		PI & HOD, Natural Resource Management, CoF, NAU, Navsari

#### 19.4 Agricultural Engineering

Recommendations of Farming Community (06)			
19.4.1	Evaluation of tillage practices for green gram	Suggestions: 1. Write dose of Pendimethalin in draft. 2. Clarify the days/condition after irrigation for seed drilling. 3. Write only "South Gujarat" in draft and revise the recommendation as per suggestion.	Head, Dept. of Ag. Engg., COA, NAU, Waghai
19.4.2	Effect of different conservation practices on yield and water use	Suggestions: 1. Mention the name of green manuring crop. 2. Write only "South Gujarat" in draft. 3. Replace word "net realization" with "B:C ratio" and revise the draft as per suggestion.	Head, Dept. of Ag. Engg., NMCA, NAU, Navsari
19.4.3	Trend of rainfall and temperature variation in Narmada district of	Suggestions: "Withheld"	Head, Dept of SWCE, CAET, NAU,



	Gujarat		Dediapada
19.4.4	Efficacy of drip irrigation on Melia composite wild (Malabar Neem)	Suggestions: 1. Write scientific name in bracket 2. Remove the figures of BCR and yield from draft. 3. Write only "South Gujarat" in draft. 4. Recommendation present as "Scientific information" in CJA.	Head, Dept of SWCE, CAET, NAU, Dediapada
19.4.5	Design and development of battery operated NSKE sprayer	Suggestions: 1. House has suggested to modify the sprayer and then put for patent registration	Head, Dept. of Ag. Engg., COA, NAU, Waghai
19.4.6	Development of sapota chip mix frozen dessert	Suggestions: 1. House recommended to registered for patent for this technology	Head, PHTC, ACH, Navsari
<b>Information for Scientific Community (06)</b>			
19.4.7	Estimation of wet and dry spells in sagbara region using stochastic analysis of long-term weather data	Suggestions: 1. In Sagbara region, replace the word "between 20 <sup>th</sup> to 30 <sup>th</sup> ", with "during 20 <sup>th</sup> to 30 <sup>th</sup> " and revise the draft.	Head, Dept of IED, CAET, NAU, Dediapada
19.4.8	Modelling yield and actual evapotranspiration (Oryza sativa L.) of rice as influence by transplanting date and weather parameters.	Suggestions: "Not approved"	Head, Dept of IED, CAET, NAU, Dediapada
19.4.9	Evaluation of CERES-Rice Model for crop performance of various rice genotypes under different environment	Suggestions: "Approved"	Head, Dept. of Ag. Engg., NMCA, NAU, Navsari
19.4.10	Analysis of land cover changes in Dang district using remote sensing and GIS	"Approved"	Head, Dept. of Ag. Engg., NMCA, NAU, Navsari
19.4.11	Study the effect of SPV roof top power plant on space cooling under the roof	"Approved"	Head, Dept of RE, CAET, NAU, Dediapada
19.4.12	Effect of land use/land cover changes on ground water resources of Dediapada block	"Approved"	Head, Dept of SWCE, CAET, NAU, Dediapada

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List of the New Technical Programmes (10)			
19.4.13	Effect of partial root zone drying irrigation on growth, yield and water use efficiency of tomato	"Approved"	Head, Dept of IED, CAET, NAU, Dediapada
19.4.14	Development of manually operated single row multi crop planter	"Approved"	Head, Dept of FPME, CAET, NAU, Dediapada
19.4.15	Identification of suitable sites for rainwater harvesting in Dediapada taluka of Narmada (Gujarat)	"Approved"	Head, Dept of SWCE, CAET, NAU, Dediapada
19.4.16	Design and development of automatic plant target fertilizer sprayer for banana crop	"Approved"	Head, Dept. of Ag. Engg., CoA, NAU, Waghai
19.4.17	Effect of different levelling and irrigation scheduling on turmeric in black soil of south Gujarat	"Approved"	Head, Dept. of Ag. Engg., NMCA, NAU, Navsari
19.4.18	Influence of tillage and drainage practices on growth and yield of papaya in heavy rainfall zone of south Gujarat	"Approved"	Head, Dept. of Ag. Engg., NMCA, NAU, Navsari
19.4.19	Use of remote sensing and GIS based techniques with machine learning for detection of soil pH in Navsari district, Gujarat	"Approved"	Head, Dept. of Ag. Engg., NMCA, NAU, Navsari
19.4.20	Monitoring and assessment of salinity and soil chemicals in agricultural land of Navsari district by remote sensing techniques	"Approved"	Head, Dept. of Ag. Engg., NMCA, NAU, Navsari
19.4.21	Design and development of continuous type mango de-sapping	"Approved"	Head, PHTC, ACH, Navsari

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	machine		
19.4.22	Design and development of tender green sweet sorghum grain (paunk) roasting machine	"Approved"	Head, PHTC, ACH, Navsari

### 19.5 Horticulture

No.	Title	Suggestions	Action to be taken by
<b>Recommendations of Farming Community (16)</b>			
19.5.1	Effect of growth regulators on flowering and yield of sapota cv. Kalipatti	"Approved"	Res. Scientist, RHRS, ACH, NAU, Navsari
19.5.2	Alleviation of soil moisture deficit stress in banana	Suggestions: 1. Write only "South Gujarat" and remove the words "under the medium black soil" and revise the draft as per suggestion.	Associate Res. Scientist, FRS, Gandevi
19.5.3	Fertigation scheduling for quality fruit production of mango	"Approved"	Research Scientist, AES, NAU, Paria
19.5.4	Release proposal of Tannia variety NT-1 [Proposed Name: GN Tannia-1 (Navsari Pari)]	1. Presented and approved in CIC sub-committee of AGRESCO.	Prof. (Pl. Breeding), Deptt. of Veg. Sci., ACH, NAU, Navsari
19.5.5	Standardize the fertilizer dose of drumstick ( <i>Moringa</i> spp.)	Suggestions: 1. Write "urea" instead of "NCU" and also write "N" instead of "N <sub>2</sub> "	Prof. (Pl. Breeding), Deptt. of Veg. Sci., ACH, NAU, Navsari
19.5.6	Influence of sett size and spacing on growth and yield of greater yam ( <i>Dioscorea alata</i> L.)	Suggestions: 1. Revise as per suggestion.	Prof. (Pl. Breeding), Deptt. of Veg. Sci., ACH, NAU, Navsari
19.5.7	Validation of customized fertilizers in sweet potato	Suggestions: 1. Present as "Scientific information" in CJA.	Prof. (Pl. Breeding), Deptt. of Veg. Sci., ACH, NAU, Navsari
19.5.8	Effect of different bio-stimulants on growth, quality and yield of <i>Dendrobium</i>	Suggestions: 1. Keep only Novel prime in recommendation part.	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari

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	orchid under NVPH.		
19.5.9	Evaluation of new crosses in Adenium for multipetalous forms	1. Presented and approved in CIC sub-committee of AGRESCO.	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari
19.5.10	Proposal for release of turfgrass variety G-9 (Proposed name:- AMBIKA)	1. Presented and approved in CIC sub-committee of AGRESCO.	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari
19.5.11	Studies on phenophase based nutrient scheduling on flower yield and quality in China aster	Suggestions: 1. Write as "Wherein, 25% should be applies as basal dose and remaining....." in draft.	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari
19.5.12	Collection and evaluation of fillers (asparagus)	Suggestions: 1. Revise as "The farmers of south Gujarat growing asparagus as cut greens are recommended to grow <i>Asparagus densiflorus</i> Sprengeri under 50% green shade net house for getting higher cut foliage production and net profit".	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari
19.5.13	Collection and evaluation of fillers (Dracaena)	Suggestions: 1. Replace the words "wish to cultivate" with "growing." 2. Write as "to obtain higher production and net realization"	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari
19.5.14	Collection and evaluation of fillers (ferns)	Suggestions: 1. Replace the words "wish to cultivate" with "growing." 2. Write as "to obtain higher production and net realization"	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari
19.5.15	Standardization of method for extraction of passion fruits ( <i>Passiflora edulis</i> ) juice.	Suggestions: 1. Write "passion fruit juice" instead of "passion juice." 2. Remove word "સંતોષકારક રીતે" in Gujarati draft.	Prof. & Head, Deptt. of PHT, ACH, NAU, Navsari
19.5.16	Development of value added blended spiced squash using passion ( <i>Passiflora edulis</i> ) and bael ( <i>Aegle marmelos</i> L.) fruits	Suggestions: 1. Write as "The blended spiced squash can be stored for 9 months at ambient temperature."	Prof. & Head, Deptt. of PHT, ACH, NAU, Navsari
<b>Information for Scientific Community (06)</b>			
19.5.17	Effect of seed soaking and time of sowing on	Suggestions: 1. Remove the words "scientist are advised" and revise the draft.	Res. Scientist, RHRS, ACH, NAU, Navsari



	germination and seedling vigour on Sapota		
19.5.18	Phytochemical screening and determination of antioxidant activity of different mango cultivars (will be presented in Basic Science)	Suggestions: 1. Presented and approved in basic science AGRESCO sub committee.	Res. Scientist, RHRS, ACH, NAU, Navsari
19.5.19	Effect of organic spray on growth, yield and quality of tomato ( <i>Solanum lycopersicum</i> L.) under South Gujarat condition.	Suggestions: 1. Write as "Foliar spray of 1% Novel Organic Liquid Nutrient (100ml/10 litre of water).....gave higher yield and....."	Prof. (Pl. Breeding), Deptt. of Veg. Sci., ACH, NAU, Navsari
19.5.20	Effect of cycocel, GA3 & saline irrigation water on African marigold ( <i>Tagetes erecta</i> ) cv. Pusa Narangi Gainda	Suggestions: 1. Recast as per suggestion.	Prof. & Head, Deptt. of Hort, NMCA, NAU, Navsari
19.5.21	Integrated weed management in African marigold ( <i>Tagetes erecta</i> L.) var. Pusa Narangi Gainda	Suggestions: 1. Remove word "It is advised that" and replace the word "pre-emergence" with "early post emergence" 2. Add formulation of Pendimethalin in draft	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari
19.5.22	Effect of IBA and seasons on rooting of marigold ( <i>Tagetes erecta</i> L.) cv. Pusa Narangi Gainda cutting under poly tunnel	Suggestions: 1. Remove "Scientist involved...However" and "number of roots per rooted cutting" and revise the draft.	Prof. & Head, Deptt. of FLA, ACH, NAU, Navsari
<b>List of the New Technical Programmes (20)</b>			
19.5.23	Effect of time of fertilizer application on mango	Suggestions: "Not approved"	Research Scientist, RHRS, NAU, Navsari
19.5.24	Flower phenology study in dragon fruit	"Approved"	Research Scientist, RHRS, NAU, Navsari
19.5.25	Comparative performance of natural and organic	"Approved"	Research Scientist, RHRS, NAU, Navsari

	farming module in mango		Navsari
19.5.26	Effect of pre-harvest bagging on fruit quality of guava	"Approved"	Research Scientist, RHRS, NAU, Navsari
19.5.27	Multilocation testing of new papaya hybrids (MLT-II)	"Approved"	Associate Research Scientist, FRS, NAU, Gandevi
19.5.28	Evaluation of new introduction of banana NRCB selection 14 (MLT-5)	"Approved"	Associate Research Scientist, FRS, NAU, Gandevi
19.5.29	Development of cashew based cropping system for South Gujarat	"Approved"	Research Scientist, AES, NAU, Paria
19.5.30	Feasibility of rubber plantation under South Gujarat agro-climatic conditions	"Approved"	Research Scientist, AES, NAU, Paria
19.5.31	Evaluation of rubber-based farming system under South Gujarat agro-climatic conditions	"Approved"	Research Scientist, AES, NAU, Paria
19.5.32	Effect of epicotyl thinning and spray of GA <sub>3</sub> on growth of polyembryonic mango genotypes	"Approved"	Research Scientist, AES, NAU, Paria
19.5.33	Impact of different time of grafting in custard apple cv. Sindhan	"Approved"	Principal, Agriculture Polytechnic, NAU, Vyara
19.5.34	Study of planting geometry and date of transplanting on growth, yield and quality of brinjal ( <i>Solanum melongena</i> L.) under South Gujarat condition	"Approved"	Head, Vegetable Science, NAU, Navsari
19.5.35	Growth and yield performance of Pointed gourd	"Approved"	Head, Vegetable Science, NAU,



	(Trichosanthes dioica Roxb.) on different types of staking and mulching		Navsari
19.5.36	Yield loss assessment in EFY due to collar rot disease	"Approved"	Head, Vegetable Science, NAU, Navsari
19.5.37	Knowledge & adoption of Novel-OLN and Novel plus in okra & brinjal in the tribal belt of Surat district.	"Approved"	Senior Scientist and Head, KVK, Surat
19.5.38	Effect of ethrel in rooting behavior of tip cuttings of Kamini under poly tunnel	"Approved"	Professor and Head, FLA, ACH, NAU, Navsari
19.5.39	Effect of different growing media on seed germination of dianthus (Dianthus chinensis) and zinnia (Zinnia elegans)	"Approved"	Professor and Head, FLA, ACH, NAU, Navsari
19.5.40	Testing of new genotypes of China aster	"Approved"	Professor and Head, FLA, ACH, NAU, Navsari
19.5.41	Effect of different growing media for zz plant.	"Approved"	Professor and Head, FLA, ACH, NAU, Navsari
19.5.42	Standardization of process formulation for preparation of Aloe vera - Aonla blended juice	"Approved"	Professor and Head, PHT, ACH, NAU, Navsari

#### 19.6 Plant Protection

No.	Title	Suggestions	Action to be taken by
<b>Recommendations of Farming Community (7+ 5 = 12)</b>			
<b>ENTOMOLOGY (07)</b>			
19.6.1	In vitro compatibility of Metarhizium anisopliae with	"Approved"	Prof. and Head, Deptt. of Entomology,

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	insecticides		NMCA, NAU Navsari
19.6.2 (A)	Survey of pollinator fauna and floral diversity under South Gujarat conditions	"Approved"	Prof. and Head, Deptt. of Entomology, NMCA, NAU Navsari
19.6.2 (B)	Survey of pollinator fauna and floral diversity under South Gujarat conditions	"Approved"	Prof. and Head, Deptt. of Entomology, NMCA, NAU Navsari
19.6.2 (C)	Survey of pollinator fauna and floral diversity under South Gujarat conditions	"Approved"	Prof. and Head, Deptt. of Entomology, NMCA, NAU Navsari
19.6.3	Efficacy of biorational insecticides against rice yellow stem borer, <i>Scirpophaga</i> spp and leaf folder, <i>Cnaphalocrosis</i> spp	"Approved"	Res. Scientist, MMRC, NAU, Navsari
19.6.4	Evaluation of different insecticides against sucking pests in Bt cotton	"Approved"	Res. Scientist, MCRS, NAU, Surat
19.6.5	Evaluation of insecticides against sorghum stem borer	"Approved"	Res. Scientist, MSRS, NAU, Surat
19.6.6	Management of mango hopppers and thrips on mango by oil based formulation of <i>Metarhizium anisopliae</i>	"Approved"	Res. Scientist, AES, NAU, Paria
19.6.7	Screening of Cashew germplasms against major pests	Suggestions: 1. Replace the word "occupying" with "having".	Principal, Polytechnic in Horticulture, NAU, Paria
<b>PLANT PATHOLOGY (05)</b>			
19.6.8	Chemical control of fenugreek powdery mildew	"Approved"	Prof. and Head, Deptt. of Plant Pathology, NMCA, NAU, Navsari

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19.6.9	Management of leaf and flower blight of Marigold	"Approved"	Prof. and Head, Deptt. of Plant Protection, ACH, NAU, Navsari
19.6.10	Evaluation of bioagents against cotton disease	"Approved"	Res. Scientist, MCRS, NAU, Surat
19.6.11	Management of collar rot disease of chickpea ( <i>Cicer arietinum</i> ) caused by <i>Sclerotium rolfsii</i>	Suggestions: 1. "સલાહ આપવામાં આવે છે" તેની જગ્યાએ "ભલામણ છે" તેમ લખો.	Res. Scientist, RRRS, NAU, Vyara
19.6.12 (A)	Management of collar rot disease of groundnut caused by <i>Aspergillus niger</i>	"Approved"	Res. Scientist, RRRS, NAU, Vyara
19.6.12 (B)	Management of collar rot disease of groundnut caused by <i>Aspergillus niger</i>	"Approved"	Res. Scientist, RRRS, NAU, Vyara
<b>Information for Scientific Community (5 + 1 = 6)</b>			
<b>ENTOMOLOGY (05)</b>			
19.6.13	Survey of pollinators fauna in different cucurbit vegetables in South Gujarat	"Approved"	Prof. and Head, Deptt. of Entomology, NMCA, NAU Navsari
19.6.14	Survey of natural enemies of <i>Spodoptera frugiperda</i> (J. E. Smith) in maize	Suggestions: 1. Recast as per suggestion.	Principal, COA, NAU, Waghai
19.6.15	Survey of natural enemies of <i>Helicoverpa armigera</i> (Hubner) in Gram	Suggestions: 1. Recast as per suggestion.	Principal, COA, NAU, Waghai
19.6.16	Survey of major insect pests, diseases and their natural enemies in brinjal, okra and chilli in tribal belt of Surat district	"Approved"	Senior Scientist and Head, KVK, NAU, Surat

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19.6.17	Assessment of yield losses due to major insect pest in cashew	"Approved"	Principal, Polytechnic in Horticulture, NAU, Paria
<b>PLANT PATHOLOGY (01)</b>			
19.6.18	Diversity of fungal endophytic communities from paddy ( <i>Oryza sativa</i> L.) and their antagonistic activities in in vitro	"Approved"	Prof. and Head, Deptt. of Plant Pathology, NMCA, NAU Navsari
<b>List of the New Technical Programmes (16 + 4 =20)</b>			
<b>ENTOMOLOGY (16)</b>			
19.6.19	Biology of lac insect, <i>Kerria lacca</i> (Kerr) on <i>Flemingia semialata</i> Roxb.	"Approved"	Deptt. of Entomology, NMCA, NAU Navsari
19.6.20	Synergistic interaction of <i>Metarhizium anisopliae</i> and insecticide combinations against fall armyworm, <i>Spodoptera frugiperda</i>	"Approved"	Deptt. of Entomology, NMCA, NAU Navsari
19.6.21	Attraction of female fruit flies to the different protein food baits in mango orchard	"Approved"	Deptt. of Entomology, NMCA, NAU Navsari
19.6.22	Study of pollinators diversity in mango under Middle and South Gujarat condition	"Approved"	Deptt. of Entomology, NMCA, NAU Navsari
19.6.23	Revision of the floral calendars and migration routes in alignment with the change in cropping systems	"Approved"	Deptt. of Entomology, NMCA, NAU Navsari
19.6.24	Investigation on volatile/ non-polar	Suggestions: 1. Specify different bioformulations	Deptt. of Entomology,

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	insecticidal active compound in different bioformulations		
19.6.25	Assessment of Unmanned Aerial Vehicle (UAV) based spraying against pod borer, <i>Helicoverpa armigera</i> (Hubner) in gram	"Approved"	NMCA, NAU Navsari
19.6.26	Survey on native entomopathogenic fungi in South Gujarat condition	"Approved"	Deptt. of Plant Protection, ACH, NAU, Navsari
19.6.27	Management of rice ear head bug <i>Leptocorisa acuta</i> Thunberg under field conditions	"Approved"	Main Rice Res. Center, SWMRU, NAU, Navsari
19.6.28	Augmentation of pollination by bees ( <i>Apis cerana</i> F. and <i>Apis mellifera</i> L.) and It's effect on yield of cucumber ( <i>Cucumis sativus</i> L.)	"Approved"	Polytechnic in Horticulture, Paria
19.6.29	Management of mango fruit borer, <i>Citripestis eutrapphera</i> (Meyrick)	"Approved"	Agri. Experimental Station, NAU, Paria
19.6.30	Effect of different pesticides on pollen germination, fruit set and yield in mango	"Approved"	Agri. Experimental Station, NAU, Paria
19.6.31	Chemical Control of pest complex in cashew	"Approved"	Agri. Experimental Station, NAU, Paria
19.6.32	Evaluation of Botanicals for the control of Tea Mosquito Bug (TMB), <i>Helopeltis antonii</i> Signoret in cashew	"Approved"	Agri. Experimental Station, NAU, Paria

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19.6.33	Evaluation of management modules against of major insect pests of sapota	"Approved"	Fruit Res. Station, NAU, Gandevi
19.6.34	Study on pesticide residues in fruits collected from different districts of South Gujarat	"Approved"	FQTL, NAU, Navsari
<b>PLANT PATHOLOGY (04)</b>			
19.6.35	Standardization of nutritions requirements for the growth of Termitomyces sp. under in vitro	"Approved"	Deptt. of Plant Pathology, NMCA, NAU Navsari
19.6.36	Isolation, identification and evaluation of microbial diversity from Beejamrut and their antagonistic effect against seed borne pathogens	"Approved"	Deptt. of Plant Pathology, NMCA, NAU Navsari
19.6.37	Isolation, identification and evaluation of microbial diversity from Jeevamrut and their antagonistic effect against soil borne pathogens	"Approved"	Deptt. of Plant Pathology, NMCA, NAU Navsari
19.6.38	Bio-efficacy of Unmanned Aerial Vehicle (UAV) based spraying to manage sheath blight disease of rice	"Approved"	Deptt. of Plant Protection, ACH, NAU, Navsari

#### 19.7 Natural Resource Management

No.	Title	Suggestions	Action to be taken by
<b>Recommendations of Farming Community (18)</b>			
19.7.1	Effect of fertigation on vegetable okra in clay soils of South Gujarat	"Approved"	Research Scientist, SWMRU, NAU, Navsari

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19.7.2	Effect of land leveling on crop water requirement and growth of sugarcane	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Research Scientist, SWMRU, NAU, Navsari
19.7.3	Effect of methods and levels of irrigation on sweet potato under South Gujarat conditions	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Research Scientist, SWMRU, NAU, Navsari
19.7.4	Response of Bt. Cotton to gypsum, organic manure and nitrogen levels under partially reclaimed coastal salt affected soils	Suggestions: 1. "રીકવાયરમેન્ટ"ની જગ્યાએ "જરૂરીયાત" લખો.	Research Scientist, SWMRU, NAU, Navsari
19.7.5	Effect of irrigation and mulching on productivity of brinjal under coastal salt affected soils	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Research Scientist, SWMRU, NAU, Navsari
19.7.6	Sustainable weed management in aerobic rice system	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Research Scientist, SWMRU, NAU, Navsari
19.7.7	Assessment of planting geometry for single eye budded settling on sugarcane under south Gujarat condition	"Approved"	Research Scientist, MSRS, NAU, Navsari
19.7.8	Optimization of sowing time and row spacing for indian bean var. GNIB-22	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Nodal Officer (Megaseed) and Unit Head, PCRS, Navsari
19.7.9	Optimization of inter and intra row spacing for pigeon pea var. GT 104	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Nodal Officer (Megaseed) and Unit Head, PCRS, Navsari
19.7.10	Performance of Arboreum cotton to nitrogen levels and planting density under rainfed condition	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Research Scientist, MCRS, Surat
19.7.11	Integrated nitrogen management in kharif grain sorghum	Suggestions: 1. Write as ".....well mixed with soil during land preparation.....".	Associate Research Scientist, CRSS, Achhalia



19.7.12	Effect of organic manures on soil health and nutrient requirement of kharif and summer rice crop sequence	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Prof. & Head, Dept. of Agronomy, NMCA, Navsari
19.7.13	Integrated nutrient management in summer fodder pearl millet ( <i>Pennisetum glaucum</i> L.) under south Gujarat condition	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Prof. & Head, Dept. of Agronomy, NMCA, Navsari
19.7.14	Integrated nutrient management in seed production of fodder cowpea ( <i>Vigna unguiculata</i> L.) under south Gujarat condition	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Prof. & Head, Dept. of Agronomy, NMCA, Navsari
19.7.15	Effect of boron and zinc application on growth, yield and quality of sugarcane ( <i>Saccharum officinarum</i> L.) under south Gujarat condition	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Heavy Rainfall Zone".	Professor & Head, Dept. of SSAC, NMCA, NAU, Navsari
19.7.16	Effect of row and plant spacing on pigeon pea	"Approved"	Professor of Agronomy, CoA, Bharuch
19.7.17	Effect of land configuration and drought mitigating strategies in pigeonpea under rainfed condition	Suggestions: 1. "આકાશિય ખેતી" ની જગ્યાએ "વરસાદ આધારિત ખેતી" લખો.	Professor of Agronomy, CoA, Bharuch
19.7.18	Response of pigeonpea to spacing and fertility levels under rainfed condition of south Gujarat	Suggestions: 1. Write as "recommended to sow" instead of "recommended to sown" 2. Write as ".....bud initiation and flowering stage to improve the nitrogen....."	Professor of Agronomy, CoA, Bharuch
Information for Scientific Community (3)			
19.7.19	Bio-chemical changes in leafy vegetables grown on contaminated and non-contaminated	"Approved"	Professor, SSAC, CoA, Bharuch



	soils		
19.7.20	Persistence and dissipation studies of some registered herbicides in sugarcane	Suggestions: 1. Write "South Gujarat" instead of "South Gujarat Agro-climatic".	Assistant Professor, FQTL, NMCA, NAU, Navsari
19.7.21	Seasonal and Diurnal variation of surface ozone at NAU campus	"Approved"	Professor, CoF, ACF, NAU, Navsari
<b>List of the New Technical Programmes (26)</b>			
19.7.22	Drip Irrigation and fertigation levels on yield and quality of dragon fruit (Hylocereus polyrhizus) on coastal soil	"Approved"	Research Scientist, SWMRU, NAU, Navsari
19.7.23	Effect of biochar and gypsum levels on yield of kharif transplanted rice and its residual effect on wheat crop on coastal salt affected soil	"Approved"	Research Scientist, SWMRU, NAU, Navsari
19.7.24	Effect of biochar and fertilizer levels on yield of kharif transplanted rice and its residual effect on rabi Indian bean	"Approved"	Research Scientist, SWMRU, NAU, Navsari
19.7.25	Effect of nano-urea on growth and yield of kharif transplanted rice (AICRIP)	"Approved"	Research Scientist, SWMRU, NAU, Navsari
19.7.26	Response of sugarcane planted through single eye budded settling to nano urea under south Gujarat condition	"Approved"	Research Scientist, MSRS, NAU, Navsari
19.7.27	Characterization of Biochar prepared from different plant residues and its enrichment with organic sources	"Approved"	Research Scientist, Soil Science, NAU, Navsari
19.7.28	Effect of growth regulators on yield of	"Approved"	Nodal Officer (Megaseed)

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	pigeon pea var. GT-104		and Unit Head, PCRS, Navsari
19.7.29	Effect of nano DAP on yield and yield attributes of mungbean	"Approved"	Nodal Officer (Megaseed) and Unit Head, PCRS, Navsari
19.7.30	Efficacy of polymer based Super absorbent on Bt. Cotton hybrid under rainfed condition	"Approved"	Research Scientist, MCRS, Surat
19.7.31	Effect of foliage spray of liquid nano urea on Cotton under irrigated condition	"Approved"	Research Scientist, MCRS, Surat
19.7.32	Canopy management through plant growth regulator in Bt. Cotton hybrid under rainfed condition	"Approved"	Research Scientist, MCRS, Surat
19.7.33	Effect of foliar spray of urea and Nano-urea on the productivity of late-sown irrigated wheat	"Approved"	ARS, WRS, Bardoli
19.7.34	Effect of foliar application of urea and nano urea on rabi grain sorghum	"Approved"	ARS, Mangrol
19.7.35	Residue management of plant sugarcane and their effect on ratoon sugarcane under different fertilizer levels	"Approved"	Prof. & Head, Dept. of Agronomy, NMCA, Navsari
19.7.36	Effect of pre and post emergence herbicides on direct seeded rice and their residual effect on succeeding crops	"Approved"	Prof. & Head, Dept. of Agronomy, NMCA, Navsari
19.7.37	Response of fodder sorghum to cutting and nitrogen management under south Gujarat condition	"Approved"	Prof. & Head, Dept. of Agronomy, NMCA, Navsari
19.7.38	Study on natural farming system in	"Approved"	Professor & Head, Dept. of



	sugarcane for their economic feasibility and impact on soil health		SSAC, NMCA, NAU, Navsari
19.7.39	Study on natural farming system in rice for their economic feasibility and impact on soil health	"Approved"	Professor & Head, Dept. of SSAC, NMCA, NAU, Navsari
19.7.40	Study on natural farming system in Indian bean for their economic feasibility and impact on soil health	"Approved"	Professor & Head, Dept. of SSAC, NMCA, NAU, Navsari
19.7.41	Study on natural farming system in sorghum for their economic feasibility and impact on soil health	"Approved"	Professor & Head, Dept. of SSAC, NMCA, NAU, Navsari
19.7.42	Study on natural farming system in green gram for their economic feasibility and impact on soil health	"Approved"	Professor & Head, Dept. of SSAC, ACH, NAU, Navsari
19.7.43	Study on comparison between organic and natural farming on crop productivity and soil health in rice based cropping system	"Approved"	Professor & Head, Dept. of SSAC, ACH, NAU, Navsari
19.7.44	Response of sweet corn to different spacings and nutrient management	"Approved"	Professor & Head, Dept. of SSAC, ACH, NAU, Navsari
19.7.45	Microbial degradation of paddy straw under in situ condition	"Approved"	Professor & Head, Dept. of SSAC, ACH, NAU, Navsari
19.7.46	Response of Finger Millet based Intercropping systems under Rainfed Conditions	"Approved"	Professor & Head, Agronomy, Waghai
19.7.47	Feasibility of Pigeon pea-small millets	"Approved"	Professor of Agronomy,

	intercropping system under rainfed condition		CoA, Bharuch
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### 19.8 Crop Improvement

No.	Title	Suggestions	Action to be taken by
<b>Recommendations of Farming Community (06)</b>			
19.8.1	SR-3048GJ-102 (Surat Goti)	Suggestions: 1. Yield increment of proposed variety over other varieties should be given in increasing order. 2. Remove the name of diseases from the draft.	Research Scientist (Sorghum), MSRS, NAU, Surat
19.8.2	NVSR-6158 GR-26 (Navsari Lalmoti)	Suggestions: 1. "પાનના સુકારા" ની જગ્યાએ "જીવાણુ થી થતો પાનનો સુકારો" લખો. 2. Report Zn content in ppm in Gujarati text.	Associate Research Scientist, MRRC, NAU, Navsari
19.8.3	NVSR 3169 GR-25 (Mahatma)	Suggestions: 1. Write "leaf folder" instead of "leaf folder pests"	Associate Research Scientist (PB), RRRS, NAU, Vyara
19.8.5	NPD 18-03 GT-110 (Navtur)	Suggestions: 1. Write as "medium dwarf stature" instead of "medium dwarf"	Associate Research Scientist, PCRS, NAU, Navsari
19.8.6	TG-90 TGG-90 (Tapi Kiran)	Suggestions: 1. Write as "bold seeded bunch type groundnut variety TGG-90 (Tapi Kiran). 2. Remove the word "proposed" from "proposed genotype" and "proposed variety" from draft.	Associate Research Scientist (PB), RRRS, NAU, Vyara
19.8.7	NFG-202 GM-3 (Supriya)	Suggestions: 1. Write "...1000 seed weight (17.39g) which make it more.....".	Professor and Head, Dept. of GPB, NMCA, NAU, Navsari
19.8.8	GBhv 356 GN.Cot.31 (Narmada Gold)	Suggestions: 1. Write as "disease resistant" instead of "disease free reaction". 2. Write as "The bollworms damage in GBhv356 was also found comparable to checks".	Research Scientist(Cotton), MCRS, NAU, Surat
19.8.9	NT-1G.	Suggestions:	Dept. of



	Tannia-1 (Navsari Pari)	1. "ઓછા રેસા (૧.૬૫%) ધરાવે છે" તેમ લખો.	Vegetable Science, ACH, NAU, Navsari
19.8.10	Adenium NAMDDSH GNAd-5 (Shashaank)	Suggestions: 1. Remove "(10)" from Gujarati text.	Professor and Head, Dept. of FLA, ACH, NAU, Navsari
19.8.11	G-9 GTG-1 (Arna)	Suggestions: 1. Write as ".....require less number of mowing and less incidence of pest and diseases in proposed variety".	Professor and Head, ACH, NAU, Navsari
19.8.11	GISV 312 GN.Cot.44 (Gujarat Navsari Cotton 44)	Suggestions: 1. "દક્ષિણ ગુજરાત" ની જગ્યાએ "ગુજરાત" લખો. 2. Write "resistant reaction" instead of "disease free to reaction".	Research Scientist (Cotton), MCRS, NAU, Surat
<b>Information for Scientific Community (00)</b>			
Nil			
<b>List of the New Technical Programmes (00)</b>			
Nil			

## 19.9 Animal Science

No.	Title	Suggestions	Action to be taken by
<b>Recommendations of Farming Community (01)</b>			
19.9.1	Effect of boron supplementation through drinking water on performance in commercial broilers	"Approved"	PI through Head, Dept. of Animal Science, NMCA, NAU
<b>Information for Scientific Community (01)</b>			
19.9.2	Effect of boron supplementation through drinking water on performance in commercial broilers	"Approved"	PI through Head, Dept. of Animal Science, NMCA, NAU
<b>List of the New Technical Programmes (00)</b>			
Nil			

In the plenary session of 19<sup>th</sup> Joint AGRESCO meeting, Dr. T.R. Ahlawat, the Director of Research and Dean PG Studies, NAU, Navsari appreciated the efforts made by conveners of different sub-committees of AGRESCO for compilation of reports and making necessary arrangement to accomplish the meeting successful. He also congratulated the scientists whose recommendation and new technical programmes was approved. He emphasized that rapporteur should record all the suggestion made by the faculties during the meeting to make recommendations and new technical programmes technically sound. He also pointed that all convener should provide proceedings of respective sub-committee meeting well in advance for the timely documentation and circulation. He also reminded everyone regarding formulation of novel experiments suggested by by Hon'ble Vice Chancellor, Dr.

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Z.P. Patel. Furthermore, he instructed that the patented item should not be present in the house. Again, he instructed the conveners of different sub-committees of AGRESCO/ head of the respective department to share the name of faculties who neither proposed new experiment nor having ongoing experiment. So that, as per the direction of Hon'ble Vice Chancellor their names will be excluded from respective sub-committees of AGRESCO. He advised to PIs/Co-PIs/member that the outcome of the recommendations should not only remain in the report but also should give wide publicity through the quality publications.

Hon'ble Vice Chancellor, Dr. Z.P. Patel, in his presidential address emphasized on initiating the focused work on the problem faced by the farmers. A scientist should work honestly, creatively in the favour of the farmers of this region. He also accentuated on multi-disciplinary research work to provide technical solution for various problems faced by the farmers.

Meeting ended with a Vote of Thanks proposed by Dr. Lalit Mahatma, Associate Director of Research, NAU, Navsari.

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Director of Research &  
Dean P.G. Studies  
N. A. U., Navsari