

DIRECTORATE OF EXTENSION EDUCATION
NAVSARI AGRICULTURAL UNIVERSITY
NAVSARI-396 450

Proceeding of 28th meeting of Zonal Research and Extension Action Committee (ZREAC) held on 8th February, 2018 at Sardar Training Hall, SSK, NAU, Navsari

Session I: Inauguration and Action Taken Report

At the outset, Dr. G. B. Kalariya, Training Associate (Plant Protection), T & V System, NAU, Navsari welcomed the dignitaries, officials of line departments, University scientists and farmers.

Dr. G.R. Patel, Director of Extension Education, NAU, Navsari welcomed all the members and stated about the importance of ZREAC. He discussed about doubling farmers income, skill development programme and use of ICT. He also informed house about importance of *Farmers First Programme, Mera Gav Mera Gaurav Programme, ARYA, and Kishan Mitra Mobile Application*. He suggested to increase the linkage and coordination between line departments and university officers for the betterment of farmers. He also gave the information regarding starting of *Krishi* library in 252 villages of South Gujarat.

Mr. K. D. Panchal, Joint Director (Agriculture), Surat suggested to increase awareness among farmers for judicious use of fertilizers, chemicals, weedicides and insecticides. He suggested that there is urgent need of making organic package of practices in different crops as well as organic display unit at KVK. He suggested to scientists and state department officials about making roadmap for doubling farmer's income. He is also thankful to ZREAC committee for keep the farmer's recommendation session in ZREAC.

Mr. S.S. Ganvit, Joint Director (Horticulture), Surat focus on the need of research in changing climate based on problem and urgent need for market oriented production. He also stated to carry out research on Panama wilt in banana, *cultar* spray on mango and mulching technology in strawberry. He gave information that there is wide scope for export of banana and mango in Narmada district.

Dr. S. R. Chaudhary, Director of Research and Dean PG studies appealed the Senior Scientist & head, KVK, officers of line department *viz.*, PD, DAO, DDH, ADA and NAU scientists for making strategies for promotion of organic farming in Dang district. He also discussed on export of banana and mango.

Hon'ble Vice Chancellor of NAU, Navsari, Dr. C. J. Dangaria considered the ZREAC as a platform for discussing the core issues of the field where the line department officers, Scientists and farmers representatives can interact on OFT, FLD, new technology and farmer's feedback. He discussed about doubling income of farmers by 2022. He appreciated convergence between state departments and university officers. He emphasised on skill development programme, ICT for farmers and contingency plan. He suggested that more use of library should be done by farmers at village level.

28.1 Presentation of Action Taken report

28.1.1 Dr. G. B. Kalariya, Training Associate (Pl. Prot.) presented the Action Taken report of 26th ZREAC meeting. Hon.Vice Chancellor, Dr. C. J. Dangaria, NAU, Navsari suggested following points & house approved the report.

- (1) There is no need of presentation by line department on demonstration/ FLD/OFT etc. They may be present only the feedback.

(Action: DEE, NAU, Navsari)

- (2) The college of forestry will start research in development of new clone in Nilgiri farming.

(Action: Dean, Forestry College, NAU, Navsari)

Session II: Technical Session

28.2 Recommendation Session

The Convener of Crop Improvement, NRM, Plant Protection, Horticulture, Forestry, Agril Engineering, Animal health/Animal production/Fishries, NAU, Navsari had presented the approved farmer's recommendations of 13th Combine Joint AGRESCO for the information of house and officials of line departments.

- 28.2.1 The Convener of Agril Engineering presented the approved farmer's recommendations on green chilli powder and CFB box. It was decided that Post Harvest Department may apply for pattern process in green chilli powder and CFB box size.

(Action: Asso Prof., PHT, ACHF, NAU, Navsari)

28.3 Feedback by officers from line departments

- 28.3.1 District Agriculture Officer, Navsari presented the feedback and house recommended to promote paddy Hy.GNRH-1 in tribal area of Navsari district.

- 28.3.2 District Agriculture Officer, Bharuch suggested to give the cost benefit ratio for the university recommendations against farmer's practices. It was decided to inform all All concerned university scientists.

(Action: All concerned University Scientists)

- 28.3.2 District Agriculture Officer, Dangs presented the feedback and house suggested to promote Vari Cv. GNV-2 & 3 and Nagali Cv. GN-5, 6 & 7

28.4 Feedback by officers from department of horticulture

The Deputy Director of horticulture, Narmada presented the report on horticultural development in seven districts of South Gujarat. He said there is a research need in the field of pineapple, strawberry, dragon fruit and passion fruit cultivation for organic farming.

(Action: Dean, ACHF, NAU, Navsari)

28.5 Presentation of Feedback by Senior Scientist & Heads of KVKs

- 28.5.1 Senior scientist & Head, KVK, Navsari presented the report and house suggested to take observations on pest and diseases incidence with yield parameter in plant protection demonstrations.

(Action: SS&H, KVK, Navsari)

- 28.5.2 Senior scientist & Head, KVK, Tapi presented the researchable issue on lodging of paddy crop so, that farmers demand non lodging resistant varieties of paddy. During current year under the situation of Okhi cyclone, pigeonpea variety viz., Vaishali perform well as compared to other variety.

(Action: MRRS, NAU, Navsari)

- 28.5.3 Senior scientist & Head, KVK, Dangs presented the farmers feedback of paddy variety viz., GNR 6 which was found lodging in dangs district.

- 28.5.4 Senior scientist & Head, KVK, Surat presented the problems of vine borer and nematode in pointed gourd in Surat district. It was decided that Department of Entomology and plant pathology will provide literature (Folder) on IPM & IDM for the same.

(Action: Professor & Head, Depart. of Entomology and Professor & Head, Depart. of plant pathology, NMCA, NAU, Navsari)

28.6 Farmer Feedback

- 28.6.1 Pinakinbhai Patel (Navsari district): He shared his experience of cultivation of

sugarcane and paddy and appreciated support provided by KVK and NAU to the farmers of the Navsari District. He demanded for information on application of P and K solution spray available in market.

- 28.6.2 Dharmesh Patel (Navsari district): He noticed warmicompost performed good result in organic farming of mango.
- 28.6.3 Lilaben (Tapi district): She shared her experience of cultivation of Indian bean and Nizer and appreciated support provided by KVK and NAU to the women farmers of the Tapi District. She need information on value addition in agriculture crops.
- 28.6.4 Navinbhai (Tapi district): He shared experience of cultivation of sugarcane and paddy.

28.7 General Feedback

28.7.1 All Senior scientist & Head, KVK informed house banana pseudo stem sap liquid fertilizer (Nauroji Novel) technology performed well on farmer's field.

28.7.2 Develop package of practices for organic farming.

Action: Asso. Prof., Depart. of Chemistry, ACHF, NAU, Navsari)

28.7.3 Develop soil reclamation bio-fertilizers.

Action: Professor & Head, Depart. of plant pathology, NMCA, NAU, Navsari)

28.7.4 Preparation and testing of amrutmitti, amrutjal, jivamrut and panchgavya as the farmers are using these products in organic farming.

Action: Asso. Prof., Depart. of Chemistry, ACHF, NAU, Navsari)

28.7.5 Increase awareness among farmers for judicious use of fertilizers, chemicals, weedicides and insecticides.

Action: SS & H, All KVK, NAU & other KVK)

28.7.6 Primary research on comparison of cultar sprays and cultar soil application on mango.

Action: Asso. Prof., Depart. of fruit science, ACHF, NAU, Navsari)

All concerned were requested to send the item wise action taken report pertaining to their centre/offices on the proceeding of the meeting by email ID: tvns@nau.in to the office of the under signed within three week.

The meeting was ended with vote of thanks to the chair by Dr. G. B. Kalariya, Training Associate (Plant Protection), T & V Systwem, NAU, Navsari.



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Navsari, Date : 23/02/2018

**Director of Extension Education
Navsari Agricultural University
Navsari**

CFWR to:

1. Director of Research, NAU, Navsari
2. All University officers of NAU, Navsari
3. All Heads of Unit/Sub- Unit offices of NAU, Navsari
4. All the concerned scientists/ professors of NAU, Navsari
5. Joint Director of Agriculture, Surat/Vadodara
6. Joint Director of Horticulture, Vadodara
7. Regional Joint Director (Veterinary), Vadodara
8. District Agricultural Officer, Navsari/Valsad/Bharuch/Surat/Narmada/Tapi/ Dangs
9. Deputy Director of Horticulture, Navsari/Valsad/ Bharuch/Surat/Narmada/Tapi/Dangs
10. Deputy Director of Animal Husbandry, Navsari/Valsad/Bharuch/Surat/Narmada/Tapi/ Dangs
11. All the progressive farmers who attended the ZREAC meeting.

For the kind information.....