

## Directorate of Extension Education

Navsari Agricultural University  
Eru Char Rasta, Navsari-396 450

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### Proceedings of 26<sup>th</sup> meeting of Zonal Research and Extension Action Committee (ZREAC) held on 4<sup>th</sup> February, 2017 at Sardar Training Hall, SSK, NAU, Navsari

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#### Session I: Inauguration and Action Taken Report

At the outset, Dr. G.B. Kalariya, Training Associate, O/o Directorate of Extension Education, NAU, Navsari welcomed the dignitaries, officials from line departments, University scientists and farmers.

Dr. G.R. Patel, Director of Extension Education, NAU, Navsari welcomed all the members and clarified the importance of ZREAC. He informed the house about different extension activities carried out by NAU. He appealed the house to provide feedback for the development of peasantry in the region. He also informed the house that the KVK, Navsari awarded as Best Zonal KVK among Gujarat and Rajasthan.

Dr. S.R. Chaudhary, Director of Research and Dean P G studies advised the line departments to motivate the farmers for adoption of recently recommended technology by the NAU. He also elaborated the issues related with farmers and suggested that the farmers problems should be prioritized for research purpose and may be submitted to the university.

Mr. M.M. Patel, representative of Joint Director Agriculture, Surat summarized the farmers demand and attached with different Schemes of Government. He also emphasized the crop insurance scheme and request the house to motivate the farmers to enroll them for insurance as the premium is very remunerative.

Hon'ble Vice Chancellor of NAU, Navsari, Dr. C.J. Dangaria appreciated that the ZREAC meeting is only the platform where we are able to discuss the core issues of the field. Line Departments and Scientists have healthy interaction on OFT, FLD, new technology and farmer's feedback. He suggested that old varieties should be replaced with new one. Not only that, KVKs and Line Departments should take this responsibility to register the traditional varieties through PPVFRA. He also worried about the minimum support price, in this regards he suggested that the Department of Agricultural Economics may call a meeting with Line Department and other concern. He also advised the house that the literature should be made available to the house about the new recommendations made by the University and information on new schemes initiated by the State/ Central Government too.

#### 26.1 : Presentation of Action Taken Report:

**Chairman:** Hon'ble Dr. C. J. Dangaria, Vice Chancellor of NAU, Navsari

**Co-Chairman:**

1. Dr. S.R. Chaudhary, Director of Research, NAU, Navsari
2. Dr. G.R. Patel, Director of Extension Education, NAU, Navsari
3. Representative of Zonal Director Agri./Horti/AH

**Rapporteur:** (1) Dr. P.D. Verma (2) Dr. J.K. Movaliya

With the permission of Chair, the action points on suggestions of the last ZREAC were presented by Dr. G.B. Kalariya, Training Associate (Plant Protection), ATIC, NAU, Navsari. House approved the report with followings suggestions.

- 26.1.1** : As all the DAOs could not submit their timely action report. house suggested to take serious note and advised that Joint Director of Agriculture to take this point in the regular agenda of department and inform all the DAOs to submit action report.  
(**Action:** Joint Director Agriculture, Surat)

**Session-II : Presentation of Line Departments**

**26.2 : Presentations of Farm trials/ Feedback by officers from Line Departments**

**Chairman:** Hon'ble Dr. C.J. Dangaria, (Vice Chancellor of NAU, Navsari)

**Co-Chairman:**

1. Dr. S.R. Chaudhary ( Director of Research, NAU, Navsari)
2. Dr. G.R. Patel (Director of Extension Education, NAU, Navsari)
3. Representative of Zonal Director Agri./Horti/AH

**Rapporteur:** (1) Dr. P. D. Verma (2) Dr. J.K. Movaliya

The DAO's presented the district profile, results of demonstrations and farm trials and feed back for research.

**26.2.1 : DAO, Suart**

1. OFT on Brinjal and mango will be continued. (**Action:** DAO, Suart)
2. Review of researches and suggestions of grains storage in South Gujarat during monsoon for DAOs and KVKs should be provided in the form of literature. (**Action:** Deptt. of Entomology, NMCA, NAU)
3. Initiate research on Nilgiri faring. (**Action:** Dean, Forestry College, Navsari)
4. Initiate Research on Lac insect at field condition.  
(**Action:** Dean, ASPEE, Navsari)

**26.2.2 : DAO, Navsari**

1. DAO Navsari could not organize OFT on organic cultivation of rice. House suggested for conduct this OFT during next Kharif with NAUR-1 variety.  
(**Action:** DAO, Navsari)
2. Seed availability of Paddy and Pigeon pea variety should be made available with mini pack. (**Action:** Mega Seeds, NAU, Navsari)

**26.2.3 : DAO, Dang**

1. For planning of water shed development in Dang (meeting with Soil and Water Department, NAU, Navsari). (**Action:** DAO Dang)
2. Suggestion for Gummy stem blight means "Gundariyo" in watermelon by mulching technology. (**Action:** Dept. of Plant Path. NMCA, NAU, Navsari)
3. FLD on Nagali variety GN-6 (**Action:** DAO, Dang)
4. Manually Weeding in Organic Paddy should be promoted.  
(**Action:** KVK & DAO, Dang)

**26.2.4 : DAO, Narmada**

1. Organize camp for dairy animals in relation to fertility.  
(**Action:** Dean, Veterinary College, Navsari and State AH Deptt. collaboration with KVK Dedyapada)
2. Conduct farm trials on G.cot. Hy.12 BG II in Narmada district  
(**Action:** DAO, Narmada)

**26.2.5 : DAO, Bharuch**

1. Send a committee report to Director of Agriculture and Pollution Control Board on pollution problem in cotton crop in Bharuch district.  
(**Action:** DAO, Bharuch)

**26.2.6. : DAO, Valsad**

1. Seed availability of Pigeon pea Cv. Vaishali - contact Mega Seed NAU, Navsari

- (Action: DAO, Valsad)
2. Demonstrations of Soybean Cv. GS3. (Action: DAO & KVK, Valsad)
- 26.2.7. : DAO, Tapi**
1. NAUR-1 paddy demonstrations may be conducted in two/ more no. of villages. (Action: DAO, Tapi)
2. Promote proper sugarcane variety in Tapi district. (Action: DAO, Tapi and KVK, Tapi)
- 26.2.8 : Department of Horticulture**
- The detailed report about schemes, infrastructure and production and productivity of horticulture crops in South Gujarat was presented by Mr. K. V. Patel Deputy Director Horticulture, Tapi. House appreciated the information provided during his presentation.
- Session III : Farmers feed back**
- Chairman:** Dr. G. R. Patel, Director of Extension Education, NAU, Navsari  
**Rapporteur:** (1) Dr. P. D. Verma (2) Dr. J.K. Movaliya
- 26.3 : During the session, following progressive farmers from each district share their views, experience and important feedback to the house**
- 26.3.1 : Progressive farmer from Dang**
- He shared his experience of cultivation of Watermelon and appreciated support provided by KVK and Navsari Agricultural University to the farmers of the Dangs District. He needs solution of Gummy stem blight in watermelon.
- 26.3.2 : Satishbhai -Progressive farmer from Navsari**
- He shared his experience regarding cultivation of pointed gourd by organic farming. He needs solution of Gummy stem blight. He has cultivated 3.4 lacs/0.5 ha.
- 26.3.3 : Bharatbhai from Paradi**
- He shared his experience on Mango and Sapota cultivation.
- 26.3.4 : Prakashbhai from Dediyaapada**
- He shared his experience of different techniques used in Paddy crop.
- 26.3.5 : Progressive farmer from Netrang**
- He shared his experience on Pigeon pea and Organic vegetable crops.
- 26.3.6 : Govindbhai Vasava from Narmada district**
- He has shared his infertility problems in Dairy farming.
- 26.3.7 : Hansaben from Mandvi**
- She shared his experience about productivity and suitability improved variety in rain fed conditions. Namely NAUR-1 (Paddy) & Vashali (Pigeon pea).
- Session IV : Presentation of KVKs**
- Chairman:** Dr. G. R. Patel, Director of Extension Education, NAU, Navsari  
**Rapporteur:** 1) Dr. P. D. Verma 3) Dr. J.K. Movaliya
- 26.4 : All the KVKs presented their activities, progress report and action plan. House has approved all these reports with following suggestions.**
- 26.4.1 : KVK, Surat**
1. Need to be mentioned the objectives clearly in OFTs. (Action: KVK, Surat)
- 26.4.2 : KVK, Narmada**
1. Presentation needs to be made simple and clear. (Action: KVK, Narmada)  
 2. Mention the thematic area in FLDs. (Action: KVK, Narmada)

- 26.4.3 : KVK, Ambhethi**  
1. A study may be taken on effect of Nilgiri farming on soil fertility and other Eco-friendly aspects. (Action: Principal, college of forestry, NAU, Navsari)
- 26.4.4 : KVK Navsari**  
1. Conduct organic trial on NAUR-1 and height of NAUR-1 should be recorded (Action: KVK Navsari)
- 26.4.5 : KVK, Vyara**  
Filler trial results of Novel organic fertilizers and potassium Nitrate were presented before the house. House suggested to initiate the detailed experiment on Novel organic fertilizers on Okra.  
(Action: Department of Vegetable Science, ASPEE College, NAU, Navsari)
- 26.4.6 : KVK, Waghai**  
1. T-3 treatment may be taken in OFTs if recommendations are more than two or three. (Action:KVK, Waghai)  
2. T-2 treatment should be deleted in OFT for blast control.(Action:KVK, Waghai)
- 26.4.7 : KVK, Bharuch**  
1. In OFTs 50 ml banana spray may be incorporated. (Action: KVK, Bharuch)

#### **General feedback:**

Following feedback were emerged out which may be help to initiate new research in concern area

1. Storage of food grains with special reference to south Gujarat in rainy season.
2. Awareness of benefits and losses of Nilgiri farming.
3. Traditional varieties in rice need to be tested for organic farming.
4. Short duration variety in pigeon-pea.
5. Possibility of pineapple cultivation in Dang district.
6. Weed management in organic farming.
7. Herbal pesticides for management of pest and diseases in relation to organic farming.
8. FROZEN SEMON doses for AI Should be developed for Dangri cows.
9. Requirement of false smut and blast resistant variety in paddy.
10. Variety of black gram having late maturity need to be developed for rainy season.
11. The specific name of variety should be given for popularizing varieties like pigeonpea-vashali, paddy Jaya ,Gurjari instead of GNR-3, NAUR-1 and like wise.
12. Mosaic resistant variety of black gram for summer cultivation.
13. Carbaryl is recommended for management of vine borer but some time it is not available in the market. So that there is need to recommend another treatment to control the vine borer.
14. Experiment on Amur common carp, cage culture in big village tanks need to be conducted.
15. Preparation and testing of Amrutmitti, Amrutjal,Jivamrut and Puncgavya as the farmers are using these products in organic farming.
16. Develop salt reclamation bio-fertilizers.
17. Module for pesticides free production.
18. Branches of mango/ mango tree dies in month of September- October.
19. Stem cracking or bark splitting was found in mango.
20. Early mature variety of pigeon pea for rain fed areas.
21. Wilt problem in Moth beans in Vagara block.

22 Initiate Research on Lac insect in field condition.

23 Need to recommend the various trees may be grown in salinity areas/coastal areas.

(**Action:** All concerned departments of NAU)

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

Moreover, all concerned were requested to send the item-wise action taken report pertaining to your centre/office on the proceedings of the meeting by **e-mail ID: tvs@nau.in**, latest by 15-03-2017.



No. NAU/DEE/D-1/883-982 /17,  
Navsari, Date : 23/02/2017

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

CFWR to: (for kind necessary information and action)

1. Director of Research, NAU, Navsari
2. All University officers of NAU
3. All Heads of Unit/Sub- Unit offices of NAU
4. All the concerned scientists/ professors of NAU
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