

Proceeding of the 9th Scientific Advisory Committee (SAC) meeting

Krishi Vigyan Kendra, Dhemaji

Assam Agricultural University, Silapathar

The 9th Scientific Advisory Committee (SAC) meeting of Krishi Vigyan Kendra, Dhemaji was held on **23rd March, 2022** in hybrid mode hosted by office of the Director of Extension Education, Jorhat in participation of following dignitaries and members.

1	Dr. M. Neog,	Associate Director of Extension (T), AAU, Jorhat
2	Dr. P. Saikia,	Chief Scientist, RARS, North Lakhimpur
3	Dr Niranjan Kalita	Director of Research (Vety Science)
4	Dr. U. Tamuli,	Assoc. Dean, LCVSc. AAU, North Lakhimpur
5	Dr. P, Nath	Sr. Extension Specialist, DoEE, AAU, Jorhat
6	Dr.Rupjyoti Borah	Jr. Extension Specialist, DoEE, AAU, Jorhat
7	Dr. Manuj Kr. Chauhan	Junior Scientist, Directorate of Research (Agri)
8	Dr. Gunjan Gogoi	Senior Scientist & Head, KVK Dhemaji
9	Mr. Chiranjit Sharma	DAO, Dhemaji
10	Dr. Manoj Thakuria	DVO (i/c), Dhemaji
11	Mr. LakhinathLagachu	DFDO (i/c), Dhemaji
12	Mr. Debojit Phukan	GM, DICC, Dhemaji
13	Ms. Taposree Kalita	DO, Soil Conservation, Dhemaji-Jonai Division
14	Mr. Manjit Dowara	District Dairy Development Officer, Dhemaji
15	Mr. Sapun Jyoti Gohain	DPM, ASRLM, Dhemaji
16	Mr. Rajib Bharat	Department of Sericulture, Dhemaji
17	Mr. Pradip Gogoi	Senior ADO, Department of Agriculture, Dhemaji
18	Mr. Rajen Saikia	Project Officer, IGSSS (NGO), Gogamukh, Dhemaji
19	Mr. Luit Goswami	Director, RVC(NGO), Akajan, Silapatahar
20	Mr. Dharam Raj Karki	RVC(NGO), Akajan, Silapatahar
21	Ms. GupaBiswakarma	Member, SAC, Progressive farm women
22	Ms. Himadri Tayung	Member, SAC, Progressive farm women
23	Sri. Tulan Sonowal	Progressive farmer
24	Sri Dinabandhu Borah	Progressive farmer
25	Sri. Purna kt Sonowal	Progressive farmer
26	Sri Atul Sonowal	Progressive farmer
27	Sri BhabenHaloi	Progressive farmer
28	Sri DevajitChangmai	Progressive farmer
29	Mr. Monuranjan Gogoi	SMS, KVK, Dhemaji
30	Ms. Binita Konwar	SMS, KVK, Dhemaji
31	Ms. Neelakshi Bhuyan	SMS, KVK, Dhemaji

32	Ms Abhilasha K. Borthakur	SMS, KVK, Dhemaji
33	Ms. Susmita Gogoi	SMS, KVK, Dhemaji
34	Dr.Prajwalita Pathak	SMS, KVK, Dhemaji
35	Mr. Deepak Kr. Goswami	PA (Computer), KVK, Dhemaji
36	Mr. Torit Bhuyan	OSA, KVK, Dhemaji
37	Mr. Madhujya P. Boruah	Jr. Steno cum Comp. operator, KVK, Dhemaji
38	Mr. Dharmeswar Doley	Supporting Staff, KVK, Dhemaji
39	Mr. Pulin Borah	Supporting Staff, KVK, Dhemaji

The meeting was Chaired by Dr. M. Neog, Associate Director of Extension (T), AAU Jorhat, and started with the welcome address by Senior Scientist and Head, KVK, Dhemaji.

In the opening remarks, the Chairman welcomed all the dignitaries, members and participated guests. He appraised the house about the role of KVK in a district on growth of agriculture and allied sector and responsibilities towards transferring the new technologies to the farming communities as per need of the district as well as towards nationwide call for increase farmer's income. He briefed about the role of SAC to prepare the action plan and to establish a healthy convergence with all the stakeholders.

The house discussed meticulously on the presentation given by the Sr. Scientist and Head, on the Action Taken Report, Annual Report 2021-22 and proposed Action Plan-2022-23 and following observation/recommendations has been suggested.

Annual report: 2021-22

1. Regarding the presentation of OFT on crops, Farmer's variety should be compared in results along with Technology and Check variety under the crop science department
2. In the OFT on "Assessment of High yielding Sali paddy var. *Numali*" the data for **Bas Dhan** should be included for comparison under the crop science department
3. The quality analysis of the Biofortified Sweet Potato var. ***Bhu Sona & Bhu Krishna*** is to be analyzed under the horticulture department
4. The FLD on Model Kitchen Garden is to be renamed as Model Nutrition garden under the community science department

Action Plan: 2021-22

1. The Associate Director of Extension (T), asked to include the data of Paddy varieties with same duration as that of the technology in the Farmers' practice under the crop science discipline

2. The FLD on “ **Cultivation of Black pepper in established Arecanut Bari**” should be renamed as “**Cultivation of Black pepper as intercrop in established Arecanut Bari**” under the horticulture discipline
3. The FLD on “Efficacy of *Lambda Cyhalothrin 5EC* for management of Rice Hispa” should be tested for OFT before FLD.

The house unanimously accepted the following technologies to be tested and demonstrated:

OFT to be tested:

1. Comparative performance of newly release purple rice variety *Labanya* under medium land situation of Dhemaji district.
2. Assessment of High yielding Sali paddy var. Dholi under medium land situation of Dhemaji district
3. Evaluation of Soybean-Maize cropping sequence in Upland situation of Dhemaji district
4. Performance Assessment of High yielding long duration Sali paddy var. Surma dhan
5. Assessment of Sweet Potato var. *Dergaon red* with bio fortified varieties *Bhu Sona & Bhu Krishna*
6. Validation of trimming of branches in Pumpkin
7. Assessment of French bean vars. *Arka Komal* and *Arka Sukomal* with Vaishnavi (Check)
8. Assessment of Potash Solubilising Bacteria in reduction of Potassic Fertilizers on *Sali* paddy
9. Seed priming for improving crop productivity and nutrient efficiency in acid soils
10. Fertilizer Prescription Equations for Normal Sown Rapeseed
11. Validation of ITK to control insect pest in Brinjal by spraying cow urine mixed with tobacco-soaked water
12. Management of wilt complex in Chilli using Biofor Pf-2
13. Efficacy of *Lambda Cyhalothrin 5EC* for management of Rice Hispa
14. Introduction of *Azolla* (Var. *Azola caroliniana*) as dietary supplement to Poultry for assessing the performance
15. Assessment of upgraded goat (Beetal cross) under agroclimatic condition of Dhemaji district
16. Assessment of performances of Pig breed Rani
17. Assessment of performance of Adulteration Detection Efficacy kit

18. Assessment of improved processing method for reeling of *Muga* Cocoon

FLD to be Demonstrated:

1. Scientific cultivation of submergence tolerant *Sali* paddy variety *Ranjit* sub-1 in flood prone area of Dhemaji district
2. Scientific cultivation of submergence tolerant *Sali* paddy variety *Bahadur* sub-1 in flood prone area of Dhemaji district
3. Scientific cultivation of high yielding *Sali* paddy variety *Numali* in cropping sequence with *Toria* in medium land situation of Dhemaji district
4. Scientific cultivation of high yielding medium duration *Sali* paddy variety *Numali* in cropping sequence with *Pulse* in medium land situation of Dhemaji district
5. Scientific cultivation of Assam Lemon
6. Scientific cultivation of Arecanut
7. Cultivation of Black pepper as intercrop in established Arecanut Bari
8. Scientific cultivation of Banana
9. HDP of Pineapple using 50-micron black Polyethylene mulch
10. Scientific cultivation of Watermelon variety *Saraswati* in sand and silt deposited area
11. Low cost vermicompost production
12. Integrated Nutrient Management in Chilli
13. Demonstration on Home stead method of *Azolla* production technology
14. Use of Zn solubilising bacteria for supplementing Zn in paddy
15. Scientific Rearing of Indian honey bee (*Apis cerena indica*)
16. Scientific production of Oyster mushroom production for economic upliftment
17. Rearing of Improved type dual purpose poultry Breed – Kamrupa/ Vanaraja
18. Popularization of Improved duck Breed – Charra Chembali
19. Fodder production through cultivation of Oat grass during Rabi season (var. – Kent)
20. Year-round fodder production through cultivation of Hybrid Napier/ Guinea grasses
21. Nutritional security through model nutritional garden
22. Popularization of vindi plucker
23. Popularization of Nutri Thali

Dr. M. Neog, Associate Director of Extension (T), AAU, Jorhat instructed to include 6 no. of one day training, 4 no. of 2-3 days training and 2 no. of 5-6 days vocational training per discipline per year.

Dr. Uma Tamuli advised to take up training on Silage making for off season availability of fodder and also to develop a small hatchery in KVK, Dhemaji.

While interacting with the farmers, Sri Bhaben Saloi urged the need for a seed farm on *Bhut Chilli* to be established at KVK, Dhemaji and Sri Debojit Changmai asked to incorporate Strawberry and Dragon fruits in the KVK programmes, to which Dr. M. Neog, Associate Director of Extension (T), AAU, Jorhat instructed the SMS (Horticulture) to take necessary action.

Dr. M. Neog, Associate Director of Extension (T), AAU, Jorhat expressed satisfaction on participation of the members in the meeting and the activities carried out by KVK Dhemaji. The Chairman also expects the continuation of same spirit, convergence with all departments to serve the farming community of the district.

The meeting ended with the vote of thanks delivered by Dr. G. Gogoi, Senior Scientist and Head, KVK Dhemaji.

(P. K. Pathak)
Chairman
9th SAC meeting of KVK Dhemaji