

Proceeding

A meeting of PIs of AICRP under chairmanship of Director Research on dated 6/2/2021 afternoon

Presence:

1. Dr. Bijendra Singh, Director research/ Vice Chancellor
2. Dr. Shambhoo Prasad, DDR
3. Dr. Ravindra Singh, ADR
4. Dr. H. C. Singh, Professor/PI
5. Er. R. C. Tiwari, Associate Professor
6. Dr. A. K. Singh, PI/IFS
7. Dr. H. K. Singh, Associate Professor/AZF
8. Dr. S.C. Vimal, Assoc. Professor/PI
9. Dr. Jaswant Singh, SVC
10. Dr. D. Ram, Professor
11. Dr. R. S. Mishra, PI/MIDH
12. Dr. S. K. Verma, Agroforestry
13. Dr. Vinod Singh, PI/AICRP Wheat & Barley
14. Dr. R. S. Yadav, PI/forage
15. Dr. Shiv Nath, PI/ Chick Pea Breeder

Meeting of PIs of AICRP was held on 06/02/2021 at 4:30 PM to review the research work running under various AICRP and their problems under chairmanship of Director Research/Hon'ble Vice Chancellor in VC office committee room. Director Research has given the following directives and suggestions for proper running of AICRP in the university.

1. PIs of all the AICRP must do additional research work on the basis of their own experiences along with AICRP mandate and generate additional technologies and report it accordingly coordinator other than basic experiments. **Action: PIs of AICRP**
2. PIs of AICRP must prepare the last five years progress report of allotted trial. The PIs should mentioned university contribution in conducted trial and their publication details in the report. If trial failed anyhow, give the proper reason. **Action: PIs of AICRP**
3. PIs should engage all the technical staff for research related activities. **Action: PIs of AICRP**
4. PIs should purchase research related items only from approved rate contract list by the university in developed indent format. If research related specific items are not available in approved contract list, must take special permission from the competent university authority for purchase from other agency. **Action: PIs of AICRP**

5. The PIs of AICRP of GPB department shares money for fencing GPB farm for protection of trial from the animals and others. **Action: PIs of AICRP of GPB department**
6. Sri Ram Bachan Verma, Acctt. Director Research office will also see the additional work of GPB and Agronomy AICRP. **Action: Sri Ram Bachan Verma**
7. The MIDH work should properly maintain and budget utilized timely in the interest of project. **Action: PI of MIDH**
8. PIs have to provide allotted budget and expenditure of running trials. **Action: PIs of AICRP**

Meeting end with vote of thanks


Sign
Dy. Director Research
Dy. Director Research
A.N.D.U.A.J. Kumarganj
Ayodhya

Proceeding of meeting held from October 22-23, 2021 to discuss and finalize the Technical Programme of different CRS/department for Rabi 2021.

In order to discuss and finalize the technical programme of Research Projects of respective departments for Rabi 2021, meeting was held as per following schedule:

22-10-2021: Departments of Genetics and Plant Breeding, Agro meteorology, Agronomy, Seed Technology.

23-10-2021. S. K. Singh (ZRC, Baharaich); Dr. R. K. Pathak, AICRP, Potato; Dr. Pradeep Kumar, Spices; Dr. Ram Suman Mishra, Medicinal Plants; Dr. S.K. Verma, AICRP Forestry; Dr. Laxmi Prasad, UPCAR Project, Fisheries, Dr. Shambhoo Prasad, UPCAR-Heat Tolerant in wheat.

Meeting was started with welcome of Chairman Dr. Bijendar Singh, Director Research/Vice Chancellor, Deans and Directors and participated scientist by Dy. Director Research. Inaugural address was given by Chairman and emphasized about the research Rabi crops particularly timely sowing, quality aspects, germplasm molecular characterization, abiotic and biotic stress tolerance varieties, notification of SVRC released varieties, recommendations on the basis of at least three years observation and popularization among farmers by FLD. Chairman has given the following critical instruction and suggestion:

The identified line proposal should send SVRC as early as possible. Protect crop by fencing and other possible measures. Timely sowing of wheat must be followed by all possible measures to reduce the losses of yield of wheat by heat stress. Wheat-Daicha-Rice pattern should be adopted for improvement soil properties. The barley trial was not up to the mark as IIWBR comments. It should be improved as per suggestions. The proposal for notification of Barley variety should send as early as possible.

Action: Dr. Vinod Singh, PI AICRP wheat and Barley.

Dr. M.P. Chauhan was instructed to hand over breeding material to Dr. Shivnath as early as possible. The proposal for Notification of Pea and Chana should be send shortly otherwise salary of concern scientist should be prevented.

Action: Dr. M.P. Chauhan and Dr. Shivnath.

The screening protocol for rust resistance disease was not satisfactory in and it should be properly done as standard protocol.

Action: Dr. Subash Mathur.

Forage crop trial should properly conduct as instruction of PC AICRP forage. Strengthen the breeding material by collecting more germplasm for target oriented work. Provide the seed of NDFB-1 to grow in Technology Park. Write letter to DDG Crop Science keep the name of Ayodhya in place of Faizabad.

Action Dr. D.K. Verma, PI, AICRP forage crop.

NDR-8501 and Pitambari were used for observation in Agromet trial. Suggested to conduct trial with popular variety for demonstration.

Action: Dr. A.K. singh, PI, AICRP Agromet.

Various Agromet module for meteorological data were presented. Further improvement is needed for precision forecast.

Action: A.N. Mishra, P.I.

Cropping model for one acre should be work out. Manage the farm properly and make model farm of the university as it situated in within campus.

Action: Dr. Dr. A.K. singh, PI, AICRP Integrated Farming System

Change old variety DBW-154 with high yielding new one. Replace mustard with tisi. Grow capsicum on ridge. Adopt practice of residue management.

Action: Engg. R. C. tiwari, PI, AICR, IWM

Adopt seed priming on arhar over pearl millets. Critically observed the priming technique on seed before sowing and then give recommendation.

Action: Dr. S.C. Vimal, PI, Seed Technology Project

Submit proposal for identified entries of Maize for notification. Adopt control measure for Fall Army Bug before incidence.

Action: Dr. S.K. Singh, PI, AICRP Maize

Properly adopt protection measures for growing crop. PI informed Kufari Kesar, Kufari Red, had high keeping quality in comparison to other potato varieties. Conduct Nano urea trial as per protocol.

Action: Dr. R K Pathak, PI, AICRP potato.

Send identified entry in IVT and AVT for release of spices. Conduct trial at large scale with standard protocol.

Action: Dr. Pradeep Kumar, PI, AICRP Spices

Conduct medicinal trial Properly. Popularize medicinal plant among farmers through KVK of the university. Established herbal garden in the university.

Action: Dr. Ram Suman Mishra, PI, AICRP Medicinal Plant,

Adopt profitable Agri-Silvicultural system and popularize in farmers for increasing their income.

Action: Dr. S. K. Verma, PI, AICRP Forestry.


Presentation was appreciated by Chairman. Popularize fish culture in sodic soil for increasing the income of farmers.

Action: Dr. Laxmi Prasad PI, UPCAR project Fisheries.

Identified wheat lines/genotypes for heat tolerance standard protocol of physio-molecular approaches for increasing the income of farmers.

Action: Dr. Shambhoo Prasad, PI, UPCAR funded project on Genetic enhancement on Wheat

In the two days meeting, rigorous observation previous year result and suggestions and further finalization of the Technical Programme for Rabi 2021 were done by Chairman. The meeting was ended with vote of thanks proposed by Deputy Director Research Dr. Shambhoo Prasad.


24/10/2021
(Shambhoo Prasad)
Dy. Director Research
A.N.D.U.A.F. Kumarganj
Ayodhya

Proceeding of meeting held online from May 17-21, 2021 to discuss and finalize the Technical Programme of different CRS/department for Kharif 2021.

In order to discuss and finalize the technical programme of Research Projects of respective departments for kharif 2021, meeting was held as per schedule detailed below :

17-5-2021 : CRS Masodha

18-5-2021 : CRS Ghaghraghat and CRS Bahraich

19-5-2021 : Agronomy, Agromet. and Crop Physiology departments

20-5-2021 : GPB, Seed Technology & Biotechnology departments and College of Fisheries.

21-5-2021 : All departments of College of Hort. & Forestry

At the outset Dr. Shambhoo Prasad, DDR welcomed to the Hon'ble Vice-Chancellor, the Chairman of the meeting and requested him to address. Hon'ble Vice Chancellor said that research is the utmost activity of the University. The university is known by its impact/ outcome of research. Therefore, the Technical programme should be implemented very carefully. The programme should be implemented timely and the experiments should be perfect. Lot of improvement is needed in the projects. Scientists should try to get new multidisciplinary projects on priority areas. We have no viable technology to promote to the farmers. Breeders should always be committed to their research and breeding materials. The chairman instructed that -

1. Scientists should present the last year's achievements. Recommendation on the basis of three years results and after discussion if it is found suitable, it should be tested at KVK and technical programme of ongoing as well as new trials.
2. Publish quality research papers in reputed journals (NAAS rating >6.0).
3. Maintain year-wise generated materials, advance lines and germplasm.
4. Observation data sheet should be maintained.
5. Old varieties of the university should be improved.
6. Generated quality materials should be tested at KVKs.
7. Germplasm should be registered at NBPGR.
8. Crossing programme should be performed by maintaining breeding block at local level.
9. Local races of black rice should be collected from Chandauli and it should be improved.
10. Severity of pests & diseases should be reported.
11. Soil analysis data before start and after harvesting of each experiment should be reported.

12. Research Advisory Committee will be constituted and it will visit all the experiments and report about the experiment status of both the seasons..
13. List of resources required should be submitted for improvement in research as well as seed production.
14. Inputs should be arranged timely for research trials as well as seed production.

Action : All Scientists /PIs / HODs

Deputy Director Research proposed vote of thanks to Hon'ble Vice-Chancellor for his critical suggestions and also encouragement of the scientists.

The technical programme of various research projects of respective centres/departments for kharif 2021 were presented by PIs/Scientists of concerned projects. The participants made critical observations and fruitful suggestions during deliberations. The technical programmes were approved after thorough discussion with proposed/suggested modifications. All the PIs were requested to submit the modified hard and soft copies of technical programme within a week. Important observations/suggestions made during the deliberations and actions proposed are as under –

Dr. D.K. Dwivedi OIC, CRS Masodha presented the achievements and technical programme of the centre. Dr. Dwivedi was instructed that –

- (i) Fine grain medium duration varieties of rice should be developed.
- (ii) Release proposal of NDR-97 and NDR-359 should be submitted with the name super.
- (iii) Improve the Sarju 52, NDR-97 and NDR-359 and submit the proposal for release as Super Sarju-52, Super NDR-97 and Super NDR-359.
- (iv) Start hybridization programme for 50-60 q/ha yield, 115-120 duration and with fine grains.
- (v) Varieties should be categorized for different eco-system on the basis of duration, yield range, test weight, grain quality etc.
- (vi) Varieties should be tested at different KVKs.

Action : OIC & Scientists of CRS Masodha

Dr. Nitendra Prakash, Jr. Rice Breeder, CRS Ghaghraghat presented the achievements as well as technical programme of breeding trials of deep water rice. Dr. Prakash informed that QRT has rated Ghaghraghat and Masodha centres of the university in very good category. The Chairman congratulated the scientists of both the centres.

Dr. Ram Adhar Singh, Jr. Agronomist presented the results of Agronomical experiments and technical programme of AICRP on Deep water rice.

Dr. S.K.S. Rajpoot, Jr. Entomologist presented the results of entomological trials and technical programme of deep water rice.

Sri A.L. Upadhyay, STA (Pathology) presented the results of Pathological trials as well as technical programme of deep water rice

Dr. S.K Singh, Jr Maize Breeder CRS Bahraich presented the achievements and technical programme of AICRP on Maize improvement. Dr. Singh was instructed that-

- i. Yield should be reported in q/ha^{-1} instead of per plot.
- ii. Data should be reported in tabular form.

Action : Dr. S.K Singh, CRS Bahraich

Er. H.C. Singh PI AICRP on Dry land Agril presented the achievements and technical programme of the trials. Dr. Singh was instructed that –

- i. For Calculation of economics, the rate for sale of produce should be MSP (Govt). Therefore, revise the economics of experiments accordingly
- ii. Use Sesamum crop in the dry land experiments.
- iii. Perform Budding in Bael in the experiments.

Action : Dr. H.C.Singh, PI AICRP on Dry land Agril.

Dr. A.K Singh HOD Crop Physiology presented the achievements and Technical program of Centre of Excellence on rice project . Dr. Singh Has instructed that-

- i. Black rice and Scented rice should also be included in the experiments.
- ii. Identify the major problems of rice ie disease etc.

In the light of above observations, the technical programme of centre of excellence on rice as well as IRRI Project should be revised and presented near future.

Action: A.K. Singh CP & DDR

Dr. A.K. Singh PI, AICRP on IFS presented the achievements and technical programme of eh project. The chairman instructed that -

- i. Bunding should not be disturbed in the permanent experiments. Ploughing should be done by power tiller.
- ii. Year wise changes in soil properties should also be mentioned.

Action: Dr. AK Singh, AICRP on IFS

Dr. AK Singh, Assoc. Prof(Agron) presented the technical programme and achievements of AICRP on Agromet, GKMS and FASAL projects. Its was noticed that in the FASAL project, the model used was faulty due to insufficient data. Therefore, the PI of the project Dr. A.N Misra was instructed to collect sufficient data for the purpose.

Action : Dr. A.N. Mishra, PI, FASAL Project

Dr. R.C. Tiwari, PI, AICRP on Irrigation Water Management presented the achievements and technical programme of the project.

Dr. Ramesh Singh Yadav PI AICRP on Forage crops presented the achievement and technical programme of the project. Being Agronomist, Dr. Yadav presented breeding trials in very good manner. The chairman expressed his happiness and congratulated him. In the Agronomy trials, Dr. Yadav was instructed that –

- i. Interaction table should be given in biofortification trial on sorghum (ZnSFe)
- ii. There should be a block of better variety

Action : Dr. R.S.Yadav, PI AICRP on Forage Crops

Dr. M.P. Chauhan, PI AICRP on MULLaRP Crops presented the achievements and technical programme of the project.

Dr. S.C. Vimal, Joint Director (S & F) presented the achievements and technical programme of AICRP on NSP Crops (STR).

Dr. Shambhoo Prasad, PI RKVY Project on submergence & drought tolerance in rice presented the achievements and technical programme of the project. Dr. Prasad was instructed to work on gene to control the diseases of rice.

Action : Dr. Shambhoo Prasad PI, RKVY Project

Dr. Luxmi Prasad, PI of UPCAR financed project on fisheries presented the achievements and technical programme of the project. Dr. Prasad was suggested to increase the dose of cow dairy in the sodic soil over normal.

Action : Dr. Luxmi Prasad, PI UPCAR Fisheries project

Dr. H.K. Singh, Scientist Pathology presented the achievement and technical programme of AICRP on Arid Zone Fruits. Dr. Singh was instructed that –

- i. In bael, organoleptic and chemical properties such as Aroma, Alkaloid, Sugar, Fibre content etc. should be analysed.
- ii. In apple ber, budding should be done with buds (from trees having apple colour fruits) which are available at KVK Basti.
- iii. In the trial on training system in bael, the plant to plant distance should be 2.5 to 3.0 m instead of 1.0 m.
- iv. Work should be done on escaping of fruit drop in bael. As we know boron prevents fruit drop, therefore boron should be used with gypsum and organic manures in sodic soil.
- v. Disease severity should be reported as PDI.

- vi. Losses due to major diseases should also be studied.

Action : Dr. H.K. Singh,
AICRP on Arid Zone Fruits

Dr. Pradeep Kumar, PI AICRP on Spices presented the achievements and technical programme of the project.

Dr. Ram Suman Mishra, PI AICRP on Medicinal & Aromatic Plants presented the achievements and technical programme of AICRP Pathological trials and MIDH Projects.

Dr. D.P. Mishra, Jr. Scientist presented the achievements & technical programmes of breeding trials of AICRP on MAP. Dr. Mishra was instructed that –

- i. In Alovera, gel content and its analysis should be done.
- ii. Observation should be taken of the maintained lines of Asparagus..
- iii. Take the centre for lemongrass research.

Action : Dr. D.P. Mishra
AICRP on MAP

Dr. G.C. Yadav, PI, AICRP on Vegetable Crops presented the achievements and technical program of the project. Dr. Yadav was instructed that –

- i. In the trials, no. of fruits/plant should be noted.
- ii. Proposal for release & notification of the identified variety should be submitted with in one month.
- iii. Data of the trials should be taken timely.

Action: Dr.G.C. Yadav, PI
AICRP on Veg. crops

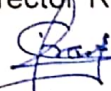
Dr. R.P. Pathak, PI, AICRP on Potato presented the achievements and technical programme of the project. Dr. Pathak was instructed to prepare the cost of cultivation of potato based cropping system and to put before Hon'ble Vice-Chancellor.

Action : Dr. R.K. Pathak, PI, AICRP on Potato

Dr. S.K. Verma, PI, AICRP on Agroforestry presented the achievements and technical programme of the project.

Dr. O.P. Rao, Dean, College of Hort. & Forestry requested to fill the vacant posts of scientists in AICRP on Agroforestry.

The meeting ended with vote of thanks proposed by Deputy Director Research Dr. Shambhoo Prasad.


(Shambhoo Prasad)
Dy. Director Research
A.N.D.U.A.R. Kumarganj
Ayodhya