

**Directorate of Research**  
**N.D. University of Agriculture & Technology, Kumarganj, Faizabad**

**Ongoing Research Project 2016-17**

<b>Sl. No.</b>	<b>Project</b>	<b>No. of Project</b>
1.	All India Co-ordinated Research Projects (75% ICAR share and 25% State share)	26
2.	Scheme 100% Financed by ICAR	06
3.	Scheme 100% financed by UPCAR	05
4.	Research Projects Financed by International Agencies	01
5.	Research Projects Financed by other National/State Agencies	05
6.	Non - Plan Projects 100% Financed by State Govt.	10
<b>Total :</b>		<b>53</b>

**A- All India Co-Ordinated Research Projects (75% ICAR share and 25% State share)**

<b>Sl. No</b>	<b>Name of the Project/ Scheme</b>	<b>Mobile No.</b>	<b>Name of PI</b>	<b>Year of Start</b>
1.	AICRP on Rice Improvement	9415716398	Dr. S.P.S. Rathi	1976
2.	AICRP on Deep Water Rice		OIC,Ghaghraghat	1976
3.	AICRP on Jute & Allied Fibers	9452760902	Dr. M.V. Singh	1976
4.	AICRP on Maize Improvement	9452760902	Dr. M.V. Singh	1976
5.	AICRP on Wheat & Barley Improvement	9450763833	DrS.R.Vishwkarm a	1987
6.	AICRP on Rapeseed & Mustard	9415720179	Dr. H.K. Singh	1994
7.	AICRP on Oilseeds (Linseed)	9451176756	Dr. M.P. Chauhan	1982
8.	AICRP on Pigeonpea	9450764085	Dr.R.R.Singh	2001
9.	AICRP on MULLaRP	9415918411	Dr.Pankaj Kumar	2001
10.	AICRP on Chickpea	9415155988	Dr.D.C.Singh	2001
11.	AICRP on forage Crops Improvement	9415890200	Dr. R.S. Yadav	2001
12.	AICRP on Potential Crops	9616833372	Dr. C.B. Yadav	1995
13.	National Seed Project (Crops)- 1- Seed Technology Research 2- Breeder Seed production	9454212742	Dr.R.D.S.Yadav	1978
14.	AICRP for Dry land Agriculture	9450763850	Dr.O.P. Rai	1987
15.	AICRP on Water management	9450763877	Er. .R.C Tiwari	1980
16.	AICRP on Weed Control	9456241425	Dr.Jai Dev	1987
17.	AICRP on Integrated Farming System	9415720277	Dr. N.B. Singh	1976
18.	AICRP on Vegetable Improvement	9450737300	Dr.G.C. Yadav	1980
19.	AICRP on Potato Improvement	9415720378	HOD Veg.Sci.	1987
20.	AICRP on Tuber Crops		HOD Veg.Sci.	1987
21.	AICRP on Spices	9415717208	Dr. Vikrama Pandey	1995
22.	AICRP on Arid Fruits	9415211470	Dr. A.L. Yadav	1987
23.	AICRP on Medicinal & Aromatic Plants		Dr.S.K. Pandey	1980
24.	AICRP on Agro-forestry	8004135768	Dr. A.K. S. Parihar	1987
25.	AICRP on Honey Bee & Pollinators	9451158771	Dr. Umesh Chand	2009
26.	AICRP on Agro-meteorology	9450766594	Dr. A.K. Singh	1990

### B- Scheme 100% Financed by ICAR

1.	Multilocational evaluation of germplasm of major crop wheat (DWR)	9450882524	Dr.Vinod Singh	2005 to Contd.
2.	Improvement of wheat for salt-tolerant using molecular approach.		Dr.Vinod Singh	2010 to 2016-17
3.	Wheat improvement for water logging, salinity and element toxicities in India.		Dr.Vinod Singh	2010 to 2016-17
4.	National Initiative on climate resilient agriculture (NICRA) – Dryland Agriculture	9450763850	Dr.O.P. Rai	2010 to contd.
5.	NICRA (Agro-meterology)	9450766594	Dr. A.K. Singh	2010 to cont.
6.	Enhancing barley production and quality under changing climatic conditions.		Dr. S.R. Vishwakarma	2015-16 to 2016-17

### C- Scheme 100% financed by UPCAR

1-	Isolation, characterization and development of bio-formulation of plant growth promoters Rhizobacteria of major crops grown in agro-ecological condition of U.P.	Dr. Adesh Kumar 9454864278	2014-15 To 2016-17
2-	Utilization of Indigenous foods for the development of functional foods to combat micro nutrient deficiencies	Dr. Sadhna Singh 9450766647	2014-15 To 2016-17
3-	Controlling pod borer in pigeon pea using natural toxins	Dr. Nawaz Khan	2014-15 To 2016-17
4-	Feasibility of customized fertilizers for sustainability of rice-wheat and maize-potato cropping systems in U.P.	Dr. Neeraj Kumar 9415515216	2014-15 To 2016-17
5-	Evaluation of farmers advisory systems, adoption extent and Impact assessment of Agril. Technologies in Eastern U.P.	Dr. Prakash Singh 9415720233	2014-15 To 2016-17

### D- Research Projects Financed by International Agencies.

1.	Stress tolerant rice for poor farmers of Africa and South Asia (STRASA) Submergence & salinity – HQ. Drought – CRS, Masodha	Dr. A.H. Khan 9415743932	2003-04 to 2018-19
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### **E- Research Projects Financed by Other National/ State Agencies**

1.	Gramin Krishi Mausam Seva (i) Head Quarter, Kumarganj Ministry of Earth Science (IAAS) (ii) Bahraich	Dr. A.N. Mishra	1993
2.	Mission Integrated Development of Horticulture		
3.	Forecasting Agricultural output using space, agro-meteorology and land based observations (FASAL) <b>Ministry of Earth Science (Govt. of India)</b>	Dr. A.N. Mishra	2010
4.	Development of Hi-Yielding salt tolerant rice varieties through marker assisted back cross breeding and identification of SALTOL QTL for reproductive stage salinity tolerance (DBT) Govt. of India	Dr. D.K. Dwivedi 9415720287	2015
5.	Creation of Seed hubs for increasing indigenous production of pulses in India (NFSM)	Seed Production Officer	2016-17 to 2017-18

### **F - Non - Plan Projects 100% Financed by State Govt.**

1.	Sodh Scheme (Rice , Masodha)
2.	Oil Seed Project
3.	Pulses Project
4.	Research on Vegetable Crops
5.	Research on Crop Physiology
6.	Sodh Scheme, Tissuhi (Mirzapur)
7.	Flood Rice Research Scheme : Ghaghraht (Bahraich)
8.	Jute Establishment Scheme : Bahraich
9.	Sodh Scheme – Bahraich
10.	NARP, Ghaghraht

### Crop Varieties Developed by NDUAT.

Crop	Name of varieties released/Identified	Total
Rice	Sarjoo-52, Narendra-1, Narendra-2, Narendra-80, Narendra-118, Narendra-97, Narendra-359, Jal Lahari, Jal Priya, Jal Nidhi, Barh Avrodhi, Narendra Usar Dhan-2, Narendra Usar Dhan-3, Narendra Sankar Dhan-2, Barani Deep, Narendra Sankar Usar Dhan-3, Narendra Dhan-8002, Narendra Dhan-2026 (Richa), Narendra Shushka Samrat (NDR-1045-2), Lalmati, NDR-2064, Narendra Narayani, Narandra Mayank, Narendra Jalpusp, Improved Swarna, Narendra Dhan- 3112-1, NDRK-5088, NDR- 9930111*, NDR-9930077*, NDR – 9930017*, NDR&2065] NDR &6093, NDRK &50002, NDGR-201, NDR-1055-6, NDR-2101, NDR-370133, NDR-370134*, NDR-6244, NDR-4058-7*, Sambha Sub-1, NDR- 370135, NDR- 6330, IR-64 Sub-1	44
Maize	Shaktiman-1, UMH-8, UMC-10	3
Wheat	Narendra Wheat-1012, Narendra Wheat-1014, Narendra Wheat-1076, Narendra Wheat-2036, Narendra Wheat-1067, Narendra Wheat- 4018, NW-5054	7
Barley	Narendra Barley-1, Narendra Barley-2, Narendra Barley-3, Narendra Barley-4, Narendra Barley-1173, NDB-943, NDB-1445, NDB-1465*, NDB-1479*, NDB-1464	10
Mung	Narendra Mung-1, Narendra Mung-2*	2
Urd	Narendra Urd-1, Narendra Urd-2*	2
Pigeon Pea	Narendra Arhar-1, Narendra Arhar-2, Narendra Arhar-3*	3
Lentil	Narendra Masoor-1, Narendra Masoor-2*	2
Mustard	Narendra Rai-1, Narendra Sarson-2, Narendra Ageti Rai-4, Narendra Rai-8 (NDYR-8), NDYS-2018 (Jagrati), NDRE-07	6
Linseed	NDL- 2004-05, NDL-2002	2
Cauliflower	Narendra Gobhi-1	1
Brinjal	Narendra Brinjal-1, Narendra Hybrid Brinjal-1, Narendra Hybrid Brinjal-2, Narendra Hybrid Brinjal-3, Narendra Brinjal-2, Narendra Brinjal-3	6
Tomato	Narendra Tomato-1, Narendra Tomato-2, Narendra Tomato-5, Narendra Tomato-6, Narendra Tomato-3, Narendra Tomato-4, Narendra Tomato-7, Narendra Tomato-8	8
Vegetable Pea	Narendra Sabji Matar-1, Narendra Sabji Matar-2, Narendra Sabji Matar-3, Narendra Sabji Matar-4, Narendra Sabji Matar-5, Narendra Sabji Matar-6	6
Muskmelon	Narendra Kharbuja-1, Narendra Kharbuja-2	2
Colocasia	Narendra Arvi-1, Narendra Arvi-2, PKS-1*	3
Pointed gourd	Narendra Parwal-260, Narendra Parwal-307, Narendra Parwal-604	3
Banda	Narendra Banda-1, Narendra Banda-3*	2
Pumpkin	Narendra Agrim, Narendra Amrit, Narendra Abhooshan (NPH-1), Narendra Upcar	4
Bottle gourd	Narendra Sankar Lauki-4, Narendra Rashmi, Narendra Shishir, Narendra Dharidar, NDBG-104*, NDBG-132*, Narendra Madhuri, Narendra Shivani, NDBG&619, NDBG-10	10
Okra	NDO-10*	1
Bittergourd	Narendra Barahmasi-1, Narendra Barahmasi-2	2
Cowpea	Narendra Lobia-1, Narendra Lobia-2	2
Sweet Potato	Narendra Shakarkand-9, NDSP-10*	2
Elephant Foot	Narendra Zimikand-5*, Narendra Zimikand-9,	2
Turmeric	Narendra Turmeric-1, Narendra Turmeric-2, Narendra Turmeric-3	3
Coriander	Narendra Corinader-1, Narendra Corinader-2*	2
Fenugreek	Narendra Methi-1, Narendra Methi-2*	2
Sauf	Narendra Sauf-1	1
Aonla	Narendra Aonla-4, Narendra Aonla-5, Narendra Aonla-6, Narendra Aonla-7, Narendra Aonla-10, Narendra Aonla-20	6
Bael	Narendra Bael-4, Narendra Bael-5, Narendra Bael-7, Narendra Bael-9, Narendra Bael-17*, Narendra Bael-16	6
Ber	Narendra Ber Selection-1*, Narendra Ber Selection-2*	2
Opium Poppy	Narendra Posta-1 (Kirtiman)	1
Mandookpami	Vallabh Medha	1
Babchi	IC-111226*	1
Lemongrass	NLG-84*	1
Jute	Reshma, NDC-9102, NDC-2008, NDC-2028,NDJC-2011	5
Crotolaria	Narendra Sanai-1	1
Bajra (Forage)	NDFB-2, NDFB-3, NDFB-5, NDFB-11	4
Oat	NDO-1, NDO-2, NDO-10, NDO-711	4
<b>Total</b>		<b>175</b>

\* Varieties identified in National Workshops/Group Meetings of AICRP's.

## ANNUAL REPORT 2015-16

### Research Network :

The Directorate of Research with its headquarter at Kumarganj (Faizabad) governs the research activities in 26 districts belonging to seven revenue divisions viz; Faizabad, Basti, Devipatan, Gorakhpur, Varanasi, Azamgarh and Vindhyachal Dham of eastern U.P. under three agro-climatic zones i.e., North Eastern Plain Zone (NEPZ), Eastern Plain Zone (EPZ) and Vindhyan Zone (VZ). The university has seven research stations in different agro-climatic zones as given below:-

### Eastern Plain Zone :

- **Main Campus, Kumarganj (Faizabad)-** Centre is established for basic and applied research through different colleges in various disciplines of Agriculture, Horticulture and Forestry, Veterinary Science and Animal Husbandry, Fisheries, Agril. Eng. & Tech. and Biotechnology.
- **Crop Research Station (CRS), Masodha (Faizabad)-** It was established in 1951 as rice research station by U.P. Government. After establishment of the university in the year 1976, it was transferred to the university. The university named it as Crop Research Station. The centre has developed 30 rice varieties covering all the ecosystems viz, upland, lowland, irrigated & inland salinity and hybrid rice. At present, 05 research projects financed by different state, national & international agencies are running at this centre.
- **Zonal Agricultural Research Sub-Station (ZARSS) Baribagh & Ankushpur Ghazipur)-** Centre is established for research on crops and seed production.

### North Eastern Plain Zone :

- **Crop Research Station (CRS) Bahraich-** It was established by State Govt. as Jute Research Station U.P. in 1958. After establishment of the university, it was handed over by the State Govt. in July 1976 and was renamed as Crop Research Station, Bahraich. At present 04 research projects financed by State Govt. and national agencies are running at the centre. The centre has developed 04 varieties of Jute and 04 varieties of Maize.
- **Crop Research Station (CRS) Ghaghraghat (Bahraich)-** The Crop Research Station, Ghaghraghat formerly known as Agriculture Flood Research Station, was established in 1958 and it was transferred to the university in 1976-77. It is only deep water research station in the state. At present 03 Research Projects Financed by State Govt. & ICAR are running at the centre. The centre has developed 05 rice varieties in which 03 have been released by SVRC.
- **Zonal Agril. Research Station (ZARS) Basuli (Mahrajganj) –** Centre is established for crop research and seed production.

### Vindhyan Zone:

- **Zonal Agricultural Research Station (ZARS) Tissuhi, (Mirzapur)-** Centre is established for research on pulse and oil seed crops as well seed production.

### **Zonal Research and Extension Advisory Committee (ZREAC) Meeting :**

ZREAC meetings were held on 12-6-2015 at Crop Research Station, Masodha for Eastern Plain Zone & Vindhyan Zone and on dated 10-6-2015 and 4-11-2015 at Crop Research Station, Bahraich for North Eastern Plain Zone. In these meetings, the scientists as well as farmers of respective zones participated. The technical problems were solved by the scientists and technical programmes of scientists of Crop Research Stations were also discussed and finalized.

### **Technical Programme Meeting :**

The technical programme meetings were convened from 4-6 June, 2015 during Kharif and 5-7 October, 2015 during Rabi season. In these meetings the technical programmes of the research projects were thoroughly discussed and approved after necessary corrections.

### **Preparation of Annual Report :**

The Annual Report of projects financed by different National, International and State Agencies were prepared and submitted to financing agencies.

**Research Projects :** Based on the locational specific problems affecting productivity and farmers needs, the research programmes are formulated by the scientists concerned.

**IRRI- NDUAT Partnership :** Under IRRI-NDUAT collaborative project entitled "Stress Tolerant Rice for Poor Farmers of Africa and South Asia" efforts are being made to transfer the submergence tolerant gene, drought tolerant gene & salt tolerant genes in mega rice varieties through Marker Assisted Backcross Breeding (MABC).

### **Varietal Improvement :**

The major research thrust in crop production has been to develop high yielding varieties of all important crops resistant to biotic and abiotic stresses. As a result during 2015-16, 10 improved varieties were developed by the university. The details of which have been given below :-

**Varieties Developed**

**CVRC (Identified)**

**Fenugreek –**

**Characteristics**

- Days to maturity : 120-130 days
- Average yield : 13-15 q/ha
- Resistant to disease : Moderately resistant to *Cercospora* Leaf spot and Downy mildew



**Narendra Methi-2 (NDM-69)**

**SVRC (Identified) :**

**Chickpea :-**

- (i) NDG 11-12
- (ii) NDG 11-24
- (iii) NDGK 11-32

**Field Pea :-**

NDP 12-102

**Mustard :-**

**NDRS 2007-2**

**Wheat :**

NW 5087

**Barley :**

NDB 1571

**Paddy :**

- (i) IR-64 – Sub-1
- (ii) NDR-8011



## Donors Identified :

**Wheat:** NW 5013(For spike length)  
NW 6094(High yield in usar soil + R to all three rusts)

**Barley:** NDB 1602(Bold grain)  
NDB 1607(R to Brown rust & Yellow rust)  
NDB 1618(R to Brown rust & Yellow rust)  
NDB 1628(R to Yellow rust)  
NDB 1445& NDB 1572(Salt tolerant)

### Chickpea

Earliness & long fruiting zone: NDG 54-1, NDG 54-2, NDG 54-24

Botrytis Grey Mould (BGM): NDG 8-101

More no. of pods/plant: NDG 5-21, NDG 31, NDG 3-32-1, NDG 3-32-2,  
NDG 3-32-3, NDGK 98-83

Large seed size: NDG 91-1, NDG 91-2, NDG 54-1, NDG 54-2

Double podded: NDG 31, NDG 54-3

Wilt resistant: NDG 5-21

**Lentil:** NDL 96-24, NDL 94, NDL-1 Rust, wilt, root rot and pod borer damage

**Fieldpea:** NDP 11, NDP 2, NDP 21 Rust, powdery mildew and stem fly

### Forage (Bajra)

Tall and long leaf	NDFB 2
Suitable for Multicut system	NDFB 13, NDFB 21
High Biomass	NDFB 2, NDFB 3
High dry matter content	NDFB 2
High CP%	NDFB 3
High grain yield	NDFB 2

<b>Ginger</b>	NDG-55	High yielding
	NDG-6	Soft rot tolerant
	NDG-28	Softrot tolerant
<b>Turmeric</b>	NDH-98	Medium maturity ,high yielding leaf spot tolerant
	NDH-131	Medium,high yielding and
	NDH-128	Late,high yielding with tolerant to leaf spot
<b>Coriander</b>	NDH-10	Late,high yielding and resistant to leaf spot
	NDCor-28	high yielding
	NDCor-10	high yielding with tolerant to stem gall
	NDCor-36	Alkalinity tolerant
	NDCor-37	Alkalinity tolerant
<b>Fenugreek</b>	NDCor-22	Moderate resistant against stem gall
	NDCor-51	Moderate resistant against stem gall
	NDM-72	high yielding
	NDM-79	high yielding
	NDM-107	Leaf spot tolerant
NDM-55	Leaf spot tolerant	

## Promising Entry :



**Narendra White Brinjal -1**

### **Technologies Developed :-**

- Inclusion of vegetable (potato) and pulse (green gram) crops with medium duration rice variety (NDR-359) provided maximum rice equivalent yield (25.32 t/ha) with net profit of Rs. 190482/ha/annum.
- The sequences having two vegetable crops in rice based cropping system viz. rice-cauliflower-cowpea (veg.) and rice-french bean-okra also gave higher yields (REY 22.27 and 22.24 t/ha) and net returns (Rs. 190482 and Rs. 184011/ha/year) as compared to conventional rice-wheat system (Yield 11.38 t/ha, Rs. 77938/ha/year). Inclusion of vegetable/pulses/oilseed crops were found more profitable than rice-wheat (cereal-cereal) system.
- The organic modules (FYM + vermi compost + neem cake, each 1/3 of recommended N dose) provided comparable yields of basmati rice (26.1 to 29.9 q/ha) mustard (15.3-16.8 q/ha) and green gram (29.17, 18.6 and 9.3 q/ha) and chemical fertilizers alone (27.85, 17.3 and 8.5 q/ha) treatments.
- 1.0 IW/CPE moisture regime for late sown wheat (latest by 25<sup>th</sup> December) being high yielding and most remunerative irrigation schedule.
- Improved water management practice of 7cm water applied at 1-3 days after disappearance of ponded water through check basin (10x10m) gave 24.67-28.31% higher yield of rice than farmer practice and saved about 33.30% irrigation water.
- The improved water management practice (6cm water per irrigation through checks of 10x5m) gave 31.76–35.50% higher wheat yield at head, middle and tail end of Chandpur distributory in comparison to farmers practice. The water expense efficiency (WEE) was found to be highest (149.87 kg/ha.cm) at head followed by middle and tail end at which it was 148.55 kg/ha.cm and 145.32 kg/ha.cm under improved irrigation practices, respectively.
- Integrated farming system including pisciculture and duckery was found more productive and remunerative than conventional cropping system (rice-wheat) as it gave highest net return of Rs. 129471.00/ha/yr. with B:C ratio 2.67 against conventional system (Rs. 73625.00/ha/yr and 1.62).
- Bee pollination resulted in 61% and 46% higher yields in Ber and coriander crops respectively.
- Use of Chlorantraniliprole (Rynaxypyr) 20 SC @ 270 ml/ha at bud formation stage is found economical to control pod borer in pigeon pea.

- Indoxacarb 14.5SC @ 60g.a.i. per ha was found most effective for the management of *Helicoverpa armigera* and resulted in more reduction of larval population, higher seed yield and higher return based on B:C ratio in Chickpea.
- Oxydemeton methyl 25% @ 0.05% was found the most effective insecticide for the management of mustard aphid.
- Among various herbicides, a ready mixed combination of Triafamone + Ethoxysulfuron 60 g ha<sup>-1</sup> recorded higher grain yield (5805 kg ha<sup>-1</sup>) followed by Penoxsulam + Cyhalofop 135 g ha<sup>-1</sup> (5647 kg ha<sup>-1</sup>) and Bispyribac (20 g ha<sup>-1</sup>) + Almix tank mixed (4 g ha<sup>-1</sup>) (5512 kg ha<sup>-1</sup>), respectively in transplanted rice.
- In turmeric metribuzin 700 g ha<sup>-1</sup> or pendimethalin 1000 g ha<sup>-1</sup> followed by straw mulch 10 t ha<sup>-1</sup> + one hand weeding or glyphosate POE 7.5 ml/lit at 25 DAT + 2HW being at par found most effective against all type of weeds at 60 days after transplanting stage.
- Maximum microbial properties were observed in hand weeding plot at initial and at harvest stage. Butachlor and isoproturon applied in rice and wheat field did not observed any residual harmful effect on physico-chemical and microbial properties of soil.
- A dose of 150 kg N ha<sup>-1</sup> should be applied to newly released varieties of potato along with recommended doses of phosphorus (100 kg ha<sup>-1</sup>) and potash (120 kg ha<sup>-1</sup>) for higher yield net return.
- Herbicide Metribuzin @ 0.75 kg/ha as pre emergence or post emergence at 10% germination is recommended for effective management of weeds and maximum profit from potato crop.
- The seed production technology comprised seed treated with Rhizobium (10 g/kg seed) and Phosphate Solubilizing Bacteria (PSB, 4 g/kg seed) + Recommended dose of fertilizer as basal dose (12.5 kg/ha N and 40 kg/ha P<sub>2</sub>O<sub>5</sub>) + Borax spray (100 ppm) at flower initiation being applied at 30 cm x 10 cm spacing sown on 15<sup>th</sup> July was found optimum for maximizing seed yield (13.6 q/ha) in mungbean cv NDM 1 during Kharif season.
- Ridge sowing with 150: 75: 50 NPK/ha and 10 kg/ha Zinc Sulphate as basal was found to maximize the seed yield to the level of 52 q/ha from the level of 46 q/ha obtained at recommended package of practices (flat sowing followed by recommended fertilizers, etc.) and profitability (Cost: benefit ratio = 1:1.68) in wheat.
- In case of hybrid maize -HQPM-1, Coating with polyloc (3ml /kg seed) + fungicide (Thiram 2.5 g/kg seed) + insecticide (Imidacloprid @ 6 ml/kg seed) was found most suitable in the enhancement of seed quality traits and storage capacity.
- Seed germination of Wheat variety PBW-343 was found to be accelerated by one and half days and seed yield was better in case of hydroprimed and treated with thiram @ 0.25% seed sowing (43.25 q/ha) as compared to unprimed seed sowing (41.50q/ha). The seed yield increased 4.22% due to hydropriming technology.
- Single spray of Propiconazole (Tilt) 25 EC@1.0ml/lit water at booting stage is the best option for the management of False Smut disease of paddy, which reduced the disease incidence (74.09%), severity (95.07%), increased grain filling by 17.08% and test wt. (5.94%).
- The newer tested insecticide, Emamectin benzoate (Proclaim5SG) @2ppm (40mg/kgseed), Deltamethrin(Decis2.8 EC) @1.0ppm(0.04ml/kg seed, Chlorfenapyr (Intrepid 10 EC) @2ppm (0.02ml/kg seed) and Indoxacarb (Avaunt14.5SC) @2ppm(13.8mg/kg seed) were found effective against stored insect infesting pigeon pea, maize and paddy after six month of storage without impairing the seed quality.

- Pollinators played important role in improving seed production and its quality. In case of mustard, honey bees played major role in mustard crop whereas in case of pigeon pea other pollinators were more important in comparison to honey bees to improve seed quality.
- 15<sup>th</sup> December sowing under the low tunnel with the spacing of 2.0m x 0.50 m along with nutrient dose of N:P:K @ 150:60:60 is recommended as low tunnel production technology for early harvest of cucurbits (Bitter gourd) under Faizabad condition.
- In management of Cercospora leaf spot of Sarpgandha, the highest yield was obtained in the plot treated with Mancozeb (21.57 q/ha) and lowest in control plot (15.25 q/ha). Neem leaf extract was the next best treatment (19.76 q/ha) followed by Garlic and Tulsi.
- Soil treatment with Carbendazim @ 0.10 % was highly effective in managing the stolon rot disease of Mandookparni with minimum disease severity of 0.78 on 0- 4 scale and maximum fresh herbage yield (42.65 q/ha) followed by soil treatment with *Trichoderma viride* @ 3.5Kg/ha with yield of 39.67 q/ha.
- Maximum grain yield of paddy and seed yield of lentil was recorded when sub soiling was done at 2 m interval with cross pass at 35 cm depth before the sowing under dry land condition. The maximum rainwater use efficiency was also recorded with same treatment
- In dry land condition maize + cowpea (as fodder)- lentil cropping sequence was found more suitable.
- For sustainable production from maize- chickpea cropping sequence application of 10 t FYM/ha in maize proved more remunerative under dry land condition.
- Application of anilophos @ 0.3 kg/ha as pre emergence + 1 HW at 30 DAS in paddy was found more effective in controlling the weeds and increasing the grain yield of paddy under dry land condition.

### Seed Production :

Crop	Production (q)			Total (q)
	Breeder Seed	Foundation Seed	Certified Seed	
Wheat	371-04	681-34	26-62	1079-00
Pigeon pea	47-54	53-09	22-14	122-77
Barley	55-42	94-61	&	150-03
Gram	86-91	109-15	&	196-06
Lentil	23-16	56-42	&	79-58
Mustard	6-93	38-46	2-66	48-05
Toria	&	&	4-80	4-80
Rice	786-23	766-09	246-90	1799-22
Urdbean	3-12	&	&	3-12
Moongbean	0-35			0-35
Turmeric				15-00
Ginger				0-20
Coriander				0-79
Fenugreek				0-48

Fennel				1.05
Zimikand				6.74
Arvi				3.75
Banda				2.69
Sweet Potato				2.00
Sweet Potato vine				1.52
Kalmegh seed				0.18
Kalmegh dried foliage				5.50
Opium poppy seed				0.15
Chandrasoor seed				0.17
Isabgol seed ( GI-2)				0.034

### Frontline Demonstration

Sl. No	Name of Crop	No. of FLDs conducted	Yield (q/ha)	% increase in yield
1	Wheat	21	48-50	20-40
2	Barley	09	25-34	20-40
3	Faba bean	07	28-32	-
4	Forage Bajra	05	460-505	-
5	Oat	10	-	-



**FLD on oat**

### **Visitors :**

- Dr. M.P. Singh, Ex. Vice-Chancellor, CAU, Imphal visited University on 28-29 April, 2015 and monitored & evaluated the research projects funded UPCAR.
- Dr. B.L. Jalai, Ex. Director Research, HAU, Hisar visited University during 18-19 January, 2016 as Chairman of QRT Team of AICRP on Rapeseed & Mustard.
- Dr. Dhiraj Singh, Director DRMR, Bharatpur monitored the research work of AICRP on Rapeseed & Mustard during 18-19 January, 2016.
- Dr Major Singh, Project coordinator AICRP on Vegetable Crops, IIVR Varanasi visited to monitor the AICRPVC trial on 25.01.2016.
- Dr .A. K. Mehta Scientist (Plant Breeding) Forage Crops J.N.K.V. Jabalpur visited / monitored forage trials/ FTDs at our center on **September** 23-24, 2015.
- Dr T. V. Prasad PI Crop Protection NBPGR, New Delhi and Dr J. L Mehto Plant Breeder, B AU Ranchi to visited as a monitoring team of *Kharif* trials at this center on dated Oct.28-29, 2015 .

### **WORKSHOPS / SEMINARS ORGANIZED / ATTENDED**

- Department of Plant Molecular Biology and Genetic Engineering organized training on “Recent Trends in Bioinformatics and its Application in Agriculture” during 4-5 Jan. 2016 at NDU&T Kumarganj Faizabad.
- Dr. Chandra Deo attended Annual Workshop of AICRP on Tuber Crops held on 23-25 April, 2015 at YSR Horticultural University V.R.Gudden Andhra Pradesh
- Dr. Chandra Deo attended half yearly review meeting of AICRP on Tuber Crops held on 25.09. 2015 at CTCRI, Thiruvananthapuram, Kerala.
- Dr. Chandra Deo attended Ten days training on Processing Machineries, Product Diversification and Entrepreneurship Development in Tuber Crops held at CTCRI, Thiruvananthapuram during 14.09.2015 to 23.09. 2015.
- Dr. V.P. Pandey attended All India Workers Meet of AICRP on Spices during August 21-22, 2015 at New Delhi.
- Dr. V.P. Pandey participated in meeting of Deen Dayal Sodh Samiti on 22-11-2015 at New Delhi.
- Dr. V.P. Pandey and Dr. R.S. Mishra participated in National Symposium on Spices during December 16-18, 2015 held at TNAU, Coimbatore.
- Dr. A.K Singh and Sri Shabd Adhar attended the annual workshop of AICRPAM –NICRA at Madurai during 28-30 April 2015.
- Dr. A.K. Singh participated in 10 days training programe at CRIDA, Hyderabad for “Analysis of data collected in the AICRPAM, crop weather relations, crop simulation modeling and documentation of Results” during 28 July to 6 August 2015.
- Sri A.N. Mishra attended the Regional Review Meeting (RRM) FASAL projects held at Central Potato Research Institute (CPRI), Shimla, Himanchal Pradesh during 15-16 December, 2015.
- Sri A.N. Mishra attended the Annual Review Meeting (ARM) of GKMS & FASAL projects held at University of Agricultural Sciences (USA), Dharwad, Karnataka during 23-26 November, 2015.
- Dr. A.K Singh regularly attending the Crop Weather Watch Group Meeting at UPCAR Lucknow.

- Dr. A.K Singh and Sri Shabd Adhar attended the working group meeting of AICRPAM held at OUAT Bhubaneswar during 17 to 19 Nov 2015 and presented the annual progress report.
- Dr. G. C.Yadav attended short course on “genetic improvement of vegetable crops through conventional and biotechnological approaches” held during Dec. 01-10, 2015 at PAU Ludhiana.
- 58<sup>th</sup> Annual Workshop of AICRP on Maize Improvement was attended in month of April 2015 by Dr. M.V. Singh held at Punjab Agriculture University Ludhiana, Punjab.
- Dr. O.P.Singh and Dr. S.K.Pande attended the 23<sup>rd</sup> Group Meeting of AICRP on MAP&B during September,2015 held at DMAPR, Boriavi, Anand, Gujarat.
- Dr. Umesh Chandra attended the 11<sup>th</sup> National Symposium on Dynamics of Crop Protection: Challenges in Agri-Horticultural Ecosystems Facing Climate Change held at MPUAT, Udaipur (Rajsthann) on 23-25 April, 2015 organized by Society for Plant Protection Sciences, New Delhi and MPUAT, Udaipur.
- Dr. Umesh Chandra attended the National Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences organized by Astha Foundation Meerut and RVSKV, Gwalior (MP) on 12-13 December 2015.
- Dr. Sanjay Pathak attended as a President in International seminar on Indigenous Technology for Sustainable Agriculture and Better Tomorrow held at CSRI-NBRI, Lucknow, Jan. 09-10, 2016.
- Dr. Sanjay Pathak attended as a member of judging committee in Annual Rose & Gladiolus show in CSIR-NBRI, Lucknow on 06-02-2016.
- Dr. M.P. Chauhan, Professor/Linseed Breeder attended Annual Group Meet of Safflower and Linseed held at College of Agriculture Indore during August 27-29, 2015.
- Dr. A.K.S. Parihar attended annual workshop AICRP on Agroforestry held at Shere Kashmir Agriculture University, Shrinagar during July, 2015.
- Dr. S. R. Vishwakarma, S. P. Singh and Vinod Singh participated in “Wheat & Barley Research Workers Meet” at SDAU Dantiwada, Gujrat during August 21-24, 2015.
- Dr. R.S. Yadav participated in National Group Meet of AICRP on forage crops held at M.P.K.V.Rahuri during September 02-04, 2015.
- Stakeholders Consultation Meeting was Organized by ICAR-Indian Institute of Farming Systems Research, Modipuram, Meerut (UP) in collaboration with Department of Agronomy, Narendra Deva University of Agriculture & Technology, Kumarganj, Faizabad (UP), India on 5<sup>th</sup> December, 2015.
- Dr. C.B. Yadav participated Annual work shop of *Kharif* AICRN on Potential Crops, OUA&T Bhubaneswar (Odisha) during April 10-11, 2015.
- Dr. C.B. Yadav participated Annual workshop of *rabi* AICRN on Potential Crops, B A U Ranchi in Sept., 2015.
- Dr. R.S. Singh and Dr. S.S. Singh attended the Annual Review Meeting of AICRP on Weed Management during October 15-19, 2015 held at Agril. University, Haiderabad.

**PHOTO OF DEVELOPED VARIETIES OF RICE**



**NDR-6330**



**EVALUATION OF IR 64 – SUB 1 UNDER  
SUBMERGENCE CONDITION**



## Success Story

### 1. Popularization of fennel cv. Narendra Sauf-1 in different districts of U.P.

<b>Fennel Cultivation A boon for Farmers</b>		
<b>Variety: Narendra Sauf 1</b>		
<b>Year</b>	<b>2007-08</b>	<b>2015-16</b>
<b>District covered:</b>	<b>2</b>	<b>17</b>
<b>Area : (ha)</b>	<b>6.0</b>	<b>102.0</b>
<b>No. of Farmers:</b>	<b>15</b>	<b>724</b>
<b>Productivity (q/ha)</b>	<b>8.0</b>	<b>9.2</b>
<b>Investment</b>	<b>Income</b>	<b>Profit</b>
<b>48,000</b>	<b>1,50,000</b>	<b>1,02,000</b>
<b>C : B ratio – 1:3.13</b>		
<b>Technology Provided:</b>		
<b>*Variety, *Fertilizer management, *Plant Protection &amp; *Marketing</b>		



2. Mr. Yadvendra Maurya R/O Barsathi, Jaunpur started Bee keeping after taking the advice from the Department and is maintaining 450 Bee colonies and imparting training to other farmers besides producing honey on large scale.



**Hon'ble V.C. visiting at MES Forestry Farm**



**Hon'ble Vice-Chancellor visiting the exhibition of Spices at Saansad Adarsh Gram Tindauli- Faizabad**



**Hon'ble Vice-Chancellor visiting the demonstration of Funnel at Vill.-Maccha, District- Gonda**



**Hon'ble Vice-Chancellor inspecting the diseased plants of funnel**



**Hon'ble Vice-Chancellor visiting the demonstration of intercrop (cauliflower + funnel ) at Vill.-Patakapur- Gonda**



**Hon'ble Vice-Chancellor addressing the Inaugural ceremony of training of Nutri-farm**



Hon'ble Vice-Chancellor addressing the staff of Horticulture department (U.P.)



## Honours/ Awards

- Dr. Umesh Chandra received the SPPS Fellow award 2015 at 11<sup>th</sup> National Symposium on Dynamics of Crop Protection: Challenges in Agri-Horticultural Ecosystems Facing Climate Change held at MPUAT, Udaipur (Rajsthan) on 23-25 April, 2015 organized by Society for Plant Protection Sciences, New Delhi and MPUAT, Udaipur.
- Dr. Umesh Chandra was awarded the Young Scientist Award in the field of Entomology at the National Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences organized by Astha Foundation Meerut and RVSKV, Gwalior (MP) on 12-13 December 2015.
- Dr S.P. Pathak has been elected Zonal President (Mid Eastern Zone) of Indian Phytopathological society, IARI New Delhi and honoured in recognition of his dedicated services to Indian Phytopathological society, IARI New Delhi in 2015.
- Life time achievement awards to Dr. S.P.S. Rathi in RAINFED,2015 held at PJTSAU, Hyderabad.
- Outstanding achievement awards to Dr. S.P. Giri, Dr. D.K. Verma, Dr. R.M. Tripathi and Dr. M.L. Maurya in RAINFED, 2015 held at PJTSAU, Hyderabad.
- Best Women Scientist award to Dr. Kumud Singh, in RAINFED, 2015 held at PJTSAU, Hyderabad.
- Agriculture Innovation award to Dr. P.N. Yadav and Mr. Alok Pandey, in RAINFED, 2015 held at PJTSAU, Hyderabad.
- Life time achievement awards to Dr. S.P. Giri in GRISAS 2015 at GRISAS 2015 at RVSKVV, Gwalior (M.P.).
- Distinguished Scientist awards to Dr. D.K. Verma in GRISAS 2015 at RVSKVV, Gwalior (M.P.).



Dr. Umesh Chandra receiving awarded the Young Scientist Award



Dr. A.K. Singh releasing a technical bulletin on Agro-meteorology of wheat in Eastern Region of Uttar Pradesh in WGM of AICRPAM held at OUAT Bhubaneshwar during 17 to 19 Nov 2015

### Field view of Experiments :



**Pisciculture**



**Gram + Rai (4:1)**



**Pea + Rai (2:2)**

**Multiple use of irrigation water**



7 cm irrigation at 1 DADPW in transplanted rice



6cm water in checks of 50m<sup>2</sup> at CRI, late jointing & Milking stage

**Improved irrigation water management practice for rice-wheat crops**



Gram



Maize + Pigeon pea

**Field view of trials in dryland condition**

**Training of Farmers**



**Sri Rajesh Gupta (JDA Stat), Nodal officer Nutri-farm (U.P.) discussing with farmers**



## **Monitoring / Field Visits**



**Visit of forage experiments by monitoring team**



**Visit of Hon'ble Vice - Chancellor at Agronomy Farm**



Monitoring of OFR - Trials by Dr. J.P.Singh, Director IIFSR



# TELEPHONE NUMBERS OF STAFF

Directorate of Research Head Qq.

Sl. No.	Name	Post	Contact Number				
			Office Number	Resid. Number	Fax No	Mobile Number	E-mail ID
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2.	Dr.R.A.Singh	Professor	-do-	-	-	9415720519	
3.	Dr.Ved Prakash	Professor	-do-	-	-	9450763842	
4.	Dr.Ravindra Singh	Asstt. Professor	-do-	-	-	9452484168	
5.	Sri R.R.Yadav	Asstt. Professor	-do-	-	-	9956338527	
6.	Sri Ramesh Singh	Accountant	-do-	-	-	9415653313	
7.	Sri Shiv Pujan Singh	Data Analyst	-do-	-	-	9451382628	
8-	Sri Sanjay Kumar	Computer Operator	-do-	-	-	9450392923	
9.	Sri Bhanu Prakash Singh	Junior Clerk	-do-	-	-	9453366011	
10.	Sri Tirth Raj Yadav	Machanic	-do-	-	-	9452104773	
11.	Smt.Nirmala Singh	Junior Clerk	-do-	-	-	9565155085	
12.	Smt. Sunita	Lab Assistant	-do-	-	-	9918832566	
13.	Sri Dhruv Prasad	Junior Clerk	-do-	-	-	9794965354	
14.	Sri Indra Jeet Singh	Junior Clerk	-do-	-	-	9795476858	
	Sri Kapinder Singh	Driver	-do-	-	-	7376262588	
15.	Sri Dinesh Kumar Singh	Driver	-do-	-	-	9792996363	
16.	Sri Kalloo Ram	Sweeper	-do-	-	-	9450766406	
17.	Sri Ram Gopal	Attendant	-do-	-	-	9519865595	
18.	Sri Om Prakash	Attendant	-do-	-	-	8574949114	
19.	Sri Sohan Lal Yadav	Attendant	-do-	-	-	9721025177	
20.	Sri Ballo	Attendant	-do-	-	-	8960021482	
21.	Sri Rudra Pal Singh	Attendant	-do-	-	-	9044806570	

## Zonal Agriculture Research Station - Basuli (Maharajganj)

Sl. No.	Name	Post	Contact Number				
			Office Number	Resid. Numbe	Fax No	Mobile Number	E-mail ID
1.	Dr. B.P. Singh	OIC, ZARS Basuli	-	-	-	9839420165	
2.	Dr. Bhanu Pratap Singh	F.S.	-	-	-	8400321935	
3.	Dr. A.K. Singh	OIC /Asstt. Prof.	-	-	-	9450867949	
4.	Sri Shyam Baksh Singh	Lab Attendant	-	-	-	8004501375	
5.	Sri Jagdish	Attendant	-	-	-	9161128874	
6.	Sri Phool Chand	Attendant	-	-	-	9919581732	

## Crop Research Station - Bahraich

Sl. No.	Name	Post	Contact Number				
			Office Number	Resid. Number	Fax No	Mobile Number	E-mail ID
1.	Dr.M.V.Singh	OIC /Assoc. Prof.	-do-	-	-	9452760902	mvsinghbrh2013@gmail.com
2.	Dr.R.B.Singh	Asstt.Breeder/Jute Bree.	-do-	-	-	9721256838	
3.	Dr. R.K. Srivastava	Maize Breeder	-do-	-	-	9415548366	
4.	Sri Bhoopendra Singh Tomer	S.R.A.	-	-	-	9795573963	
5.	Sri H.N.Shahi	J.R.A.	-do-	-	-	9452112319	
6.	Sri SriPrakash	R.A.	-do-	-	-	9454510737	
7.	Dr.P.K.Singh	V.L.W.	-do-	-	-	9415151836	
8-	Sri Ram Lakhan	V.L.W./F.S.	-do-	-	-	9415629219	
9.	Sri Vinod	STA	-do-	-	-	9451141891	
10.	Sri N.K.Srivastava	Senior Clerk	-do-	-	-	7379280284	
11.	Sri Guam Husain Zaidi	Junior Clerk	-do-	-	-	9795335225	
12.	Smt. Usha Mishra	Clerk	-do-	-	-	-	
13.	Sri Anil Kr. Singh	Lab Asstt.	-do-	-	-	9451460669	
14.	Sri Sankh Madhav Tripathi	B.L.W.	-do-	-	-	9451204832	
15.	Sri Ram Gopal Singh	Ploughman/cook	-do-	-	-	8874810377	
16.	Sri Sabir Ali	Peon	-do-	-	-	9721256315	
17.	Sri Babu Lal	Peon	-do-	-	-	-	
18.	Sri Adalat Singh	Helper	-do-	-	-	9792735329	
19.	Sri Rajesh Kumar	Security Gaurd	-do-	-	-	-	
20	Smt.Jagmati	Peon	-do-	-	-	-	
21	Sri Pradeep Kr.Singh	Peon	-do-	-	-	9453515896	

# Crop Research Station - Masodha

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1.	Dr. S.P.S. Rathi	OIC/Assoc. Prof.	05278-254153	-	-	9415716398	spsrathi@redifmail.com
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3.	Dr.D.K.Verma	SRA/Asstt.Professor	-do-	-	-	9838336868	
4.	Dr.Vindeshwari Prasad	Asstt. Professor	-do-	-	-	9450767978	
5.	Dr.D.P.Singh	SRA/Project Asstt.	-do-	-	-	9794304722	
6.	Sri A.W. Khan	Jr.Research Associate	-do-	-	-	8005028022	
7.	Dr.S.P.Giri	SRA/Asstt.Professor	-do-	-	-	9415719861	
8-	Dr.Saurabh Dixit	Asstt.Professor	-do-	-	-	9450763002	
9.	Dr.M.L.Maurya	SRA/Asstt.Professor	-do-	-	-	9936319449	
10.	Dr.P.N.Yadav	SRA/Project Asstt.	-do-	-	-	8004312578	
11.	Dr.R.M.Tripathi	RA/STA	-do-	-	-	9415918413	
12.	Sri C.B.Singh	Jr.Research Associate	-do-	-	-	9415916524	
13.	Dr.Satish C. Singh	Jr,Research Associate	-do-	-	-	9450161436	
14.	Dr.K.B.Shahi	Jr.Research Associate	-do-	-	-	8726991959	
15.	Sri Sunil K. Tiwari	Asstt.Agril.Inspector	-do-	-	-	9450156568	
16.	Dr.Janardan Singh	Jr.Research Associate	-do-	-	-	9336650745	
17.	Sri Alok Pandey	T.A.	-do-	-	-	9450763127	
18.	Sri R.K.Panday	Senior Clerk	-do-	-	-	7376655141	
19.	Sri Ramesh Kr.Singh	Senior Assistant	-do-	-	-	9415715562	
20.	Sei Sanjay Kapoor	Asstt.Accountant	-do-	-	-	9415076767	
21.	Smt.Pushpa Srivastav	Junior Clerk	-do-	-	-	9515155717	
22.	Smt.Sabnam Razvi	Junior Clerk	-do-	-	-	9450053846	
23-	Sri Rajesh Srivastava	Electrician	-do-	-	-	9450942820	
24.	Sri Harinath Panday	Lab Attendant	-do-	-	-	9889219826	
25.	Smt.Kiran Singh	Lab Attendant	-do-	-	-	8127993504	
26.	Sri Rameshwar Prasad Yadav	Lab Attendant/Peon	-do-	-	-	9935995797	
27.	Sri Bansi Dhar Pathak	Lab Attendant/Peon	-do-	-	-	9554029787	
28.	Smt. Jagpata	Lab Attendant/Peon	-do-	-	-	9621192775	
29.	Smt.Prama	Lab Attendant/Peon	-do-	-	-	7607359661	
30.	Sri B.N.Maurya	Lab Attendant/Peon	-do-	-	-	9336021814	

## Zonal Agriculture Research Station - Tissuhi (Mirzapur)

Sl. No.	Name	Post	Contact Number				
			Office Number	Resid. Number	Fax No	Mobile Number	E-mail ID
1.	Dr.S.K.Singh	OIC/Rice Breeder	-	-	-	9450164714	
2.	Sri V.K. Singh	JRA				9450437579	
3.	Sri Aqbal Bahadur Singh	Junior Clerk	-	-	-	9452827541	
4.	Sri Rakesh Kumar Singh	Junior Clerk	-	-	-	938939652	
5.	Sri Shiv Kr. Shukla	Tractor Driver	-	-	-	-	
6.	Sri Lal Chand	Tractor Driver	-	-	-	9793677466	
7.	Sri Ram Saran Yadav	Tractor Driver	-	-	-	9455069227	
8-	Sri Ram Palat Ram	Office Peon	-	-	-	9838187464	
9.	Sri Ram Milan	Chaukidar	-	-	-	-	
10.	Sri Surendra Singh	Chaukidar	-	-	-	-	
11.	Sri Drig Pal	Chaukidar	-	-	-	-	
12.	Sri Sunil Kumar	Chaukidar	-	-	-	-	

## Crop Research Station - Ghagraghat (Bharaich)

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			Office Number	Resid. Number	Fax No	Mobile Number	E-mail ID
1.	Dr. Radha Vinod Singh	Officer-In-charge/ Professor	-		-	9450664682	-
2.	Dr. T. Kumar	Associate Professor	-do-	-	-	7376890924	
3.	Sri Vinod Kumar	Asstt. Professor	-do-	-	-	9415764397	
4.	Dr. Nitendra Prakash	Asstt. Professor	-do-	-	-	9415160709	netendra63@gmail.com
5.	Dr. Ram Adhar Singh	Asstt. Professor	-do-	-	-	9415332006	
6.	Dr. R.K. Singh	Asstt. Professor	-do-	-	-	9450454142	
7.	Dr. Gajendra Shahi	Asstt. Professor	-do-	-	-	7668097608	
8-	Dr. Anand K. Shahi	STA	-do-	-	-	9415466148	
9.	Sri R.N. Singh	Acctt.	-do-	-	-	9452271461	
10.	Sri Ashok Kr. Singh	Field Man	-do-	-	-	9454680360	
11.	Sri Amrit Lal Upadhyay	STA	-do-	-	-	9415454577	
12.	Sri Jagannath Pd. Mishra	JRA	-do-	-	-	9793007585	
13.	Sri Anurudh Singh	Sr. Clerk	-do-	-	-	8423167989	
14.	Sri Raj Kumar Tiwari	Driver	-do-	-	-	7398984690	
19.	Sri Brij Kr. Pandey	Tractor Driver	-do-	-	-	-	
20.	Sri Bhagauti Prasad	Lab Assistant	-do-	-	-	8896693276	
21.	Sri Vijay Bahadur	Lab Assistant	-do-	-	-	9651040044	
22.	Sri Ram Lakhan	Lab Assistant	-do-	-	-	7897120943	
23.	Sri Ram Pal	Lab Assistant	-do-	-	-	9936643498	
24.	Sri Ashok K. Singh	Lab Assistant	-do-	-	-	9453224975	
25.	Sri Abdul Hakim	Lab Assistant	-do-	-	-	9936991559	
26.	Sri Rajendra	Ploughman	-do-	-	-	9198132130	
27.	Sri Abdul Khalik	Ploughman	-do-	-	-	9648706294	
28.	Sri Mustkeem	Ploughman	-do-	-	-	7697707944	
29.	Sri Shambhoo Singh	Ploughman	-do-	-	-	-	
30.	Sri Vijya Nand Updhayay	Tube-well Operator	-do-	-	-	-	



31	Sri Ravi Nath Singh	Peon	-do-	-	-	-	
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**Zonal Agriculture Research Sub Station-Bari Bagh & Ankushpur, Ghazipur**

Sl. No.	Name	Post	Contact Number				
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1.	Dr.C.P.Singh	OIC/Asstt. Rice Breeder	-		-	9415680917 9628631637	
2.	Sri Vinod Singh	JRA	-		-	9935181939	
3.	Sathish K,Singh	JRA	-	-	-	7376117697	
4.	Sri Om Prakash Rai	Assistant Accountant	-		-	9935467114	
5-	Sri R.A.Singh	Field Man	-	-	-	7860021256	
6-	Sri Pradeep K.Singh	Junior Clerk	-	-	-	9454134526	
7-	Sri Ram Singh	Tubewell Operator	-		-	9161689491	
8-	Sri Bhuleshwar	Driver	-	-	-	9628677689	
9-	Sri Tirloki Singh	Driver	-		-	9532127253	
10-	Sri Praween K.Singh	Lab Attendent	-	-	-	9451920829	
11-	Sri Anjani K. Singh	Lab Attendent	-		-	9454945058	
12-	Sri Subedar Ram	Chowkidar	-	-	-	8808959253	

