Extension Achievements
&
Highlights
(2011 - 2012)




DIRECTORATE OF EXTENSION

N.D. University of Agriculture & Technology

Kumarganj, Faizabad -224 229 (U.P.)

EXECUTIVE SUMMARY

During the year 2011–2012 the Directorate of Extension scientists conducted 44 training programme through which 2019 farmers, scientist, extension worker and officers of line department have got benefited. Directorate of extension has organized three "State Level Farmers Fair & Udyog Pradarshani" was organized of which two were held at head quarter. Two amongst these three Fair was inaugurated by the IAS officers Commissioner, Gorakhpur and Faizabad division. The farmers fair has helped us registered farmer and demonstration stall to transmit agricultural technology at a faster rate. Through these farmers fair the new technology was disseminated to approximately 25000 farmers in a single stroke.

There are seventeen Krishi Vigyan Kendras (Farm Science Centers) performing the farm science activities with the financial support of ICAR in three agro-climatic zones under the administrative control of the Directorate of Extension of NDUA&T, Kumarganj, Faizabad. These KVKs are extensively engaged in the dissemination of latest agricultural technology in their specific operational area with special emphasis on training of practicing farmers / farm women, vocational training to rural youths and organizing front-line demonstrations and on-farm trials for technology assessment and refinement. For the purpose, 222 scientific, technical, administrative and supporting staff is engaged.

Skill up-gradation is one of the important objectives of KVKs. Therefore, 1384 institutional, 250 non-institutional, 178 sponsored and 162 in-service training were organized through which 35210, 5150, 41486, 3699 and 11313 participants were benefited respectively.

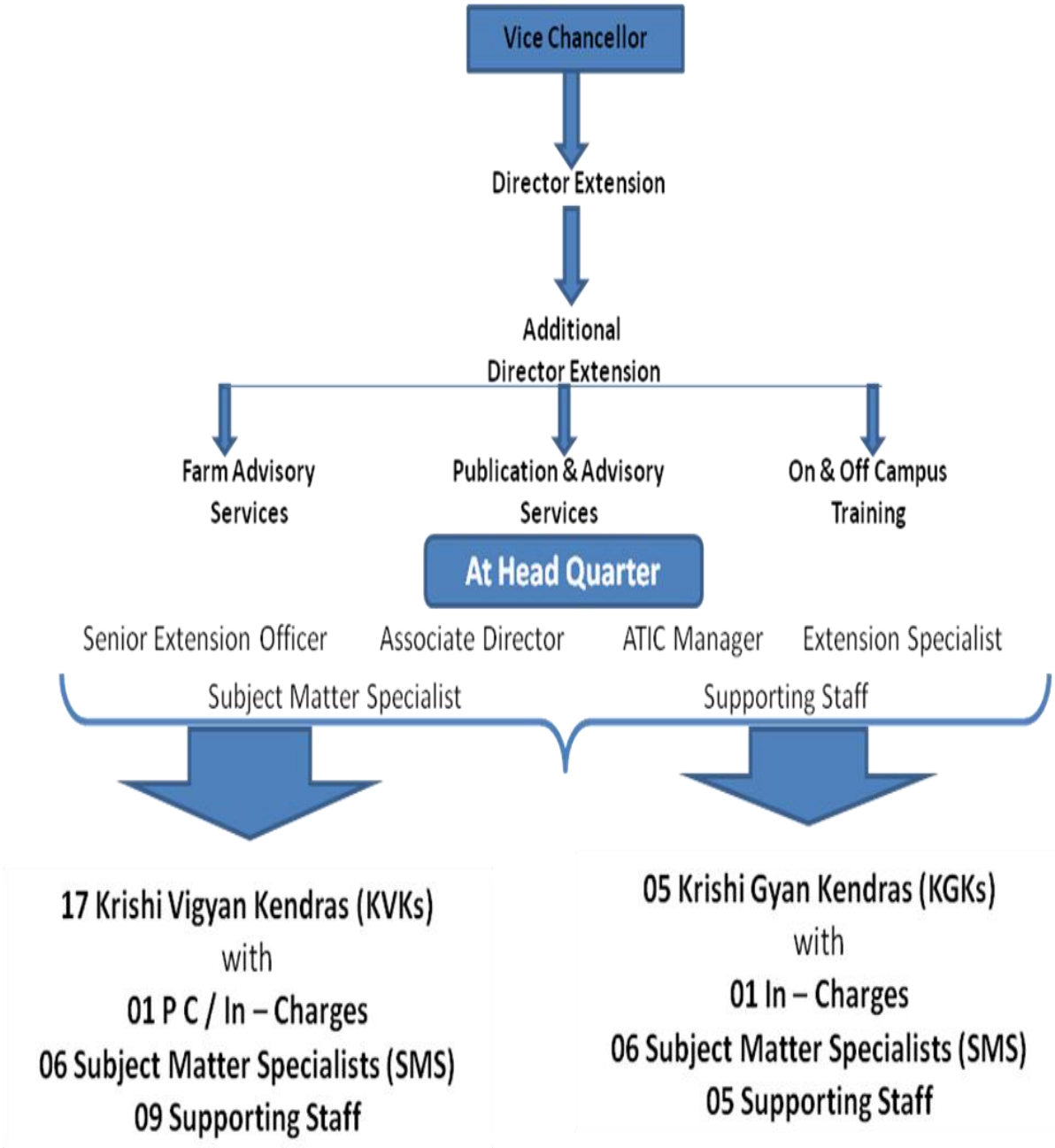
Under FLD on oilseeds, 74 ha groundnut, 78 ha toria and 70 ha mustard were grown. The increase in yield was recorded from 36 % to 51%. Similarly in order to boost production and productivity of various pulse crops out of total 289.3 ha area (pigeon pea 106 ha, chickpea 58 ha, field pea 39.8 ha and lentil 85.5 ha) were covered under the FLD programme. The yield enhancement was found to be 21.25% to 42.97% depending upon technology disseminated in different agro-ecological situations.

During the year, 109 on-farm trials (47 on integrated crop and pest management 11 on variety assessment, 14 on nutrient management, 11 on resource conservation technology, 6 each on integrated disease and weed management) were conducted in participatory mode for evaluation of need based location specific technology. It is needless to mention that promising varieties are being multiplied in form of seed on training-cum-demonstration farm to meet out the demand driven seed requirement of farmers.

Scientific Advisory Committee (SAC) meetings twice in a year held in each KVK. It is pertinent to mention that Directorate of Extension personnel's participated/organized 50 kisan mela, 172 kisan gosthi, 139 field days, 1302 Agril. Exhibitions during 2010-11. Moreover there were 167 TV telecast & 274 radio talks were delivered. Under print media, 247 technical articles on latest package of practices were published and wide news coverage in National, State and local newspapers were the other important activities of directorate.

In order to improve the functioning of KVKs, provision of funds for agri-clinic, enrichment of KVKs with modern technologies, some support and staff facilities at Directorate of Extension level are being felt essential. Besides, orientation of newly appointed staff is also required to get acquainting them with KVK operational modalities.

CONTENT


Vice Chancellor
Director Extension
Additional
Director Extension
Farm Advisory
Services
Publication & Advisory
Services
On & Off Campus
Training
At Head Quarter
Senior Extension Officer
Associate Director
ATIC Manager
Extension Specialist
Subject Matter Specialist
Supporting Staff
17 Krishi Vigyan Kendras (KVKs)
with
01 P C / In – Charges
06 Subject Matter Specialists (SMS)
09 Supporting Staff
05 Krishi Gyan Kendras (KGKs)
with
01 In – Charges
06 Subject Matter Specialists (SMS)
05 Supporting Staff

DIRECTORATE OF EXTENSION

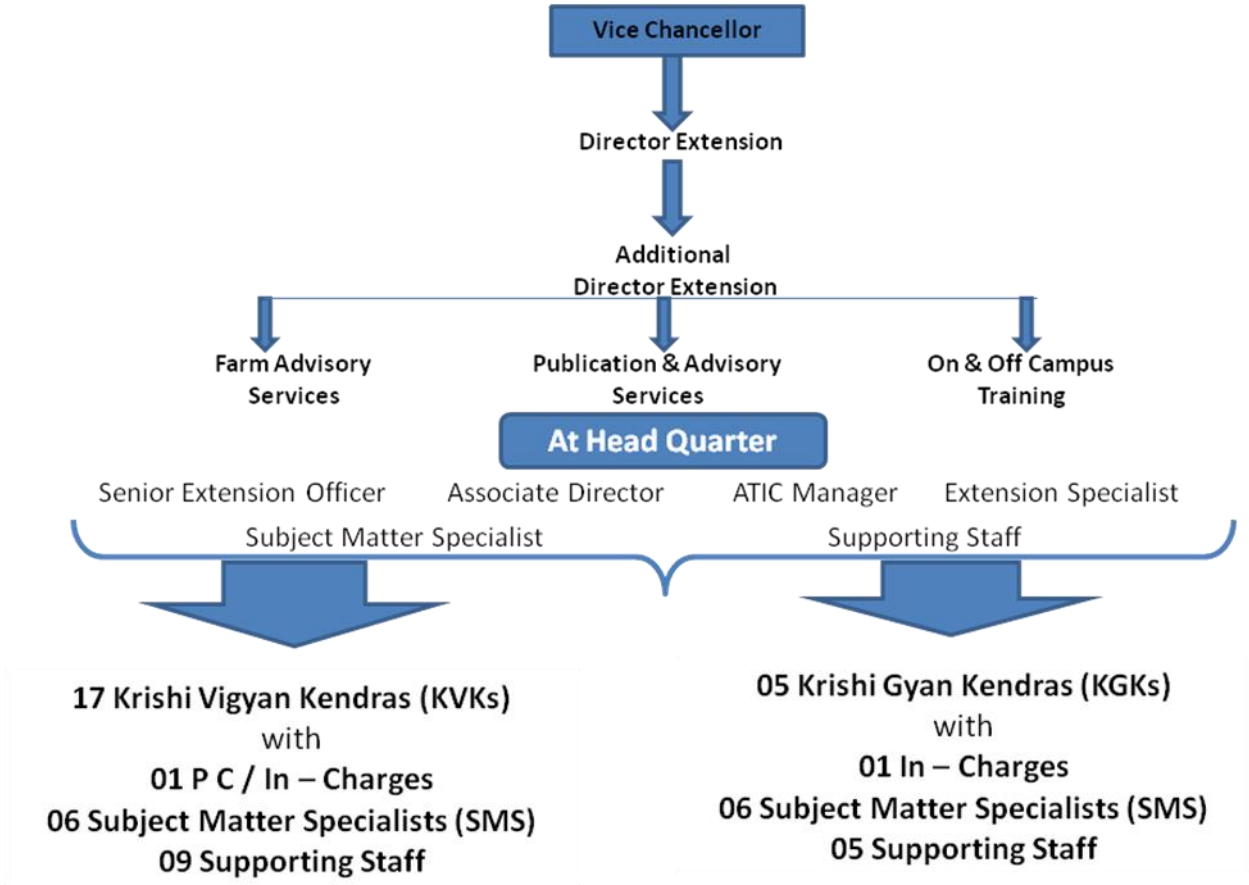
First line extension activities provide technical backup to line departments is one of the important mandates of Directorate of Extension of the University. It may also complement and supplement the existing extension efforts to the line departments of the State. The entire process is being done to facilitate farming community in their endeavor of earning livelihood from Agricultural Sector.

Organizational Structure

The Extension Education activities of the University were started in June, 1977 with a few Subject Matter Specialists at the University Headquarter. Further a full fleshed set up of Directorate of Extension came into existence since 1982. At present, the extension activities are being accomplished through headquarter, Krishi Vigyan Kendras and Krishi Gyan Kendras with the objectives of making provisions of education of rural people in agriculture, rural industry and allied subjects of Eastern UP. Further, the advanced technology and frontiers of research in agriculture and allied fields are being undertaken through field extension programmes in twenty six (26) districts of its area of operation by providing technically feasible, socially acceptable, ecologically sustainable and economically viable information, accepting feedback on adoption of new findings and catering need based area specific problems and passing on to research system. Advising various ways and means for improving the quality and effectiveness of extension work apart from the controlling and monitoring the activities of Farm Science Centers i.e. Krishi Vigyan Kendra (KVKs) located

in different district of Eastern UP are the main goals of the Directorate. To fulfill the above objectives, the Directorate has created following functional units:

- Agricultural Technology Information Centre (ATIC) at main campus
- Seventeen Krishi Vigyan Kendras at Baharaich, Basti, Mau, Varanasi, Ballia, Siddharthnagar, Gorakhpur, Faizabad, Sonbhadra, Maharajganj, Barabanki, Azamgarh, Baltampur, Chandauli, Jaunpur, Santkabir Nagar and Ambedkar Nagar
- Five Krishi Gyan Kendras at Gonda Ghazipur, Deoria and CSM Nagar



- In-service training with the State Government funding and Farmers' training programme were the initial extension activities taken up by the Directorate
- Farmers Training Programme and Agricultural Exhibition Hall
- Krishak Help Line Services (18001801551 Toll free)
- Farmers Fair and Exhibition and Community Radio Station (CRS)

- Village Resource Expert Center (VRC) video conferencing

11.2.2 Training Programme organized at Directorate

The training programmes sponsored by State Government organizations and departments, ICAR, NGOs, Banks, Corporations etc were organized at Directorate level. The University also has collaboration with National Horticulture Mission, Food Security Mission, RKVY and UP Diversified Agriculture Support Project (DASP) in organizing training programmes at field level Extension functionaries and for farmers.

Training Programme Conducted by Directorate of Extension 2011-12 for Farmer

Sl. No.	Area of Training	No. of Course	No. of Participants
1	Crop Production	18	896
2	Grain Storage	1	35
3	Watershed Management	2	75
4	Diversification in Agriculture	3	73
5	Aonla Production	1	50
6	IPM in crop	1	100
	Total	**26**	**1229**

National Training organized at directorate of extension for Officer/Scientist

Sl. No.	Area of Training	No. of Course	No. of Participants
1	Deep water Rice Production Technology	1	50
2	Wasteland Management	1	50
3	Recent technology in Agriculture Science	1	23
	Total	**3**	**123**

State level Training organized at Directorate of Extension for Officer/Scientist and extension functionaries

Sl. No.	Area of Training	No. of Course	No. of Participants
1	Recent technology in oilseed and Pulse	1	32
2	Women empowerment for inclusive growth of agriculture.	1	28
3	Training on computer application and management	1	31
4	Training on farm management and record maintenance	1	33
5	Training on soil and water testing and its implications	1	30
	Total	**5**	**154**

STATE LEVEL KISAN MELA AVAM UDYOG PRADARSHANI

Directorate has organized one ***Regional*** and one ***State Level Kisan Mela & Udyog Pradarshani*** during the year 2011-2012 at head quarter North regional kisan mela was during 1- 4 November 2011 (inaugurated by the Sri R .K. Singh, IAS, Secretary Mandi Parishad, Lucknow UP. And another state level kisan mela on 22-23 March 2012. Large numbers of farmers were benefited by these regional and State Level Kisan Mela. Approximately 50000 farmers of Uttar Pradesh and other participating states have got benefitted along with school and college going students visited the mela ground. On an average 200 stalls of various agriculture entrepreneurs, Government agencies, NGOs, private firms including seed, feed, fertilizer, chemical, pesticide, KVK of University along with different Colleges of the University participated in Kisan Mela to disseminate knowledge and information related to agriculture. Besides during the year Directorate has received three awards for Excellency for stall exhibition and organized presentation of exhibits and live materials at Kisan Mela organized at Govind Vallabh Pant University Pant Nagar at Udham Singh nagar during 15th-18th March, 2012, on 17th March 2012 in Kisan Mela organized by Institute of Agricultural Science

Banaras Hindu University at BHU and during 23rd to 25th March 2012 in Kisan mela organized by Sardar Vallabh Bhai Patel university of agriculture and technology at Meerut.

TRANSFER OF TECHNOLOGY PROGRAMME (TOT) 2011-12

Transfer of Skilled Technology to the Farmers

The training programme on Transfer of skilled technology was started in collaboration of State Department of Agriculture in the year 2002 at the Directorate of Extension NDUAT covering various districts of eastern Uttar Pradesh through KVKs and KGKs including head quarter. The specific topics/ subjects of trainings were selected on need based for specific areas of interest. Mushroom cultivation technology, plantation of fruit plants, vegetable production technology, bee keeping technology, poultry and dairy management technology, fish farming technology, resource conservation technology, food preservation, integrated pest management, integrated nutrient management and vermin-compost etc were the main topics covered under this programme. Each programme comprised of three trainings of three days each. Each training has 50 participates from five villages of a block in a district and in total 150 beneficiaries and 30 villages were to be covered in one training programme.

Farmer – Scientist Interaction Programme (FSI)

His Excellency Governor of U.P. sanctioned this programme in the year 1997. The main objective of the programme is to cover one local farmer from a village and to equip him with the latest agricultural technology. A group of 50 farmers from 50 villages separately are invited for three days who interact face to face with the scientists of different disciplines by putting technical problems of his village/area. The programme is organized at block level. The unique features of the programme are:

- Interface dialogue between farmers and scientists for three days.
- 50 Leader farmer – one from each village – thus, technologies from University is reaching to 50 villages in one programme
- Farmers put up problems first day before scientists and solutions were suggested by scientists on subsequent days. Thus, the programme is not in structured mode, rather interactive mode.

- One day field visit was also organized, to show the demonstrations on latest technologies.

- **Other activities of SCIENTISTS**

Imparting training to farmers, conducting mela, exhibition, gosthis TV and radio talk are the other major activities in which scientist from Directorate of Extension involved throughout the year.

Apart from the above-mentioned activity scientist from Directorate of Extension & KVK/ KGK are also involved themselves in teaching activity in various colleges of the university which are mentioned as under.

Name of Scientist	Course No.	Course Title	No. of Students	Class
1. Dr. Kanti Prasad	SS 515	Manures & Fertilizers		M.Sc. (Ag)
	SS 614	Soil Geology, Pedology & Micro pedology		Ph.D.
	SS 615	Techniques of Soil Research & Instrumentation		Ph.D.
2. Dr. R.P. Maurya	ENT 600	Quantification of Insect Pests infesting Pigeon pea and evaluation of insecticides against him		M.Sc. (Ag.)
3. Dr. R.A. Singh	AGRON 111	Principals Agronomy	112	B.Sc. (Ag.)
	AGRON 312	Field Crop (Kharif)	70	B.Sc. (Ag.)
	AGRON 321	Field Crop (Rabi)	70	B.Sc. (Ag.)
	AGRON 523	Agronomy of Major Field Crop (Rabi)	25	M.Sc. (Ag.)
	AGRON 513	Agronomy of Major Field Crop (Kharif)	25	M.Sc. (Ag.)
4. Dr. Saurabh Verma	HORT 121	Water Management in Horticulture Crop	62	B.Sc. (Ag.)
	CEL 421	Water Management & Micro Irrigation, Problematic Soil Water Shed	27	B.Sc. (Ag.)
5. Sri Anil Kumar	AE 221	Agricultural Marketing Trade and Prices	93	B.Sc. (Ag.)
	FES 321	Financing and Marketing Management	14	B.F.Sc.
	FES 211	Principals of Fisheries Economics	16	B.F.Sc.
	CEL 421	Marketing management (Business law and EXIM policy)	4	B.Sc. (Ag.)
6 Dr Laxmi Prasad	FHPT-221	Fishing craft technology	16	B.F.Sc.
	FHPT-321	Fish product and by-product technology	14	B.F.Sc.
	FGB-121	Fish biochemistry and fish in nutrition	27	B.F.Sc.
	FLH-122(N)	Limnology	27	B.F.Sc.
	FHPT-222(N)	Canning and fish packaging technology	16	B.F.Sc.
	FAC-223(N)	Coastal aquaculture and mariculture	16	B.F.Sc.
	FLH-212(N)	Marine Biology	16	B.F.Sc.
	FAC-211(N)	Fish Nutrition and feed technology	16	B.F.Sc.
	FBRM-311(N)	Marine Fisheries	14	B.F.Sc.

COLLABORATIVE PROGRAMME

The State Government has implemented few major projects in the state i.e., UPDASP, RKVY, NFSM, Transfer of Skilled Technology Training Programme, Farmers-Scientist Interaction Programme, National Horticulture Mission, National Food Security Mission. The

University is contributing significantly in these projects and even in those districts where these projects are not functioning as given under:

- Facilitating and preparation of *Strategic Research and Extension Plan* of Baharaich, Basti, Mau, Ballia, Varanasi, Siddharth nagar, Gorakhpur, Faizabad, Maharajganj, Sonbhadra, Jaunpur, Balrampur, Chandauli and Barabanki districts
- Strengthening Research - Extension Linkage
- Organizing technical training for the officials of Agricultural Department and line department officials in the State
- Participatory Management Methodology and Training
- Involvement of Subject Matter Specialists (SMSs) of Directorate in general extension programmes, active participation of scientists from all Seven faculties and KVK/KGK scientists in conducting and coordinating various activities with district level agencies, other organizations/ institutions and farmers

Collaboration with National Fertilizer Limited

The Directorate conducted front line demonstration through its four cooperating centres across 4 districts, on efficient use of fertilizers and use of biopesticides. The front line demonstrations have shown that the average productivity can be raised upto 63.00 q/ha by proper adoption of technologies. The use of slow release of nitrogenous fertilizer (i.e., neem coated urea) in paddy has benefited the farmers in the form of increased yields. The other technologies demonstrated to the farmers included incorporation of elemental sulphur, biopesticides with complete package of practices.

Indicators like cost of cultivation, gross returns, net returns and BC ratio of front line demonstration are presented. The data clearly revealed that, the net returns from the demonstrated plots were higher than farmers' practice. An average net returns from neem coated urea plot were observed to be Rs. 37,849 in comparison to farmers' practice plot i.e.

Rs. 34,074. Economic analysis of the yield performance revealed that the cost benefit ratios of demonstrated plots were observed higher than the control plots (FP). The cost benefit ratio of demonstrated and farmer' practice plot were 1.49 and 1.34 respectively. Hence, favourable cost benefit ratios proved the economic viability of the intervention made under demonstration and convinced the farmers on the utility of intervention.

The FLDs on incorporation of elemental sulphur @ 20 kg/ha in the recommendation of paddy fertilizers were allotted to Faizabad district, of which 3 were conducted by Directorate covering 1.20 hectare areas of three farmers. The average yield of demonstrated plot was 60.58 q/ha as compared to farmer's practice i.e. 55.17 q/ha (no use of elemental sulphur) and the per cent increase over FP was 9.81. Similarly, all the data pertaining to yield attributing characters viz. spikes per m^2 and number of grains per spikes and plant height (cm) was also found higher when compared to farmer's practice, thus, contributed to higher grains as well as straw yields. The economics of sulphur fertilizer application under front line demonstrations were estimated and the results have been presented. The economic analysis of the data revealed that the use of elemental sulphur recorded higher gross returns (Rs, 60580/ha), net return (Rs. 34,905/ha) and B:C ratio (1.29) compared to no use of elemental sulphur (farmer's practice).

Biopesticide front line demonstrations on paddy were allotted to 3 different districts of which 6 were conducted by three cooperating centres, covering 2.4 hectares area of 6 farmers. The data reveal that under demonstration plot, the performance of paddy yield was found to be substantially higher than that under farmer's practice in all the districts. The yield of paddy under demonstration recorded was 73.70, 63.50 and 55.67 q/ha at Barabanki, Ambedkar Nagar and Faizabad district, respectively. The cumulative effect of technological intervention over three districts, revealed an average yield of 64.29 q/ha, 11.27 per cent higher over farmer's practice (FP). With the application of biopesticide under demonstration (i.e. seed treatment with Trichoderma + one spray of neem oil at panicle initiation stage), the average

number of insect/pest were reduced considerably when compared with farmer's practice as shown. Similar trends were also found in economic parameters.

AGRICULTURAL TECHNOLOGY INFORMATION CENTRE (ATIC)

MAJOR SERVICES BEING OFFERED

- Agricultural information
- Printing and sale of publications
- Sale of seeds and seedlings
- Soil health and plant clinic
- Demonstration units of vermi-compost and fisheries

With a view to facilitate services to the visiting farmers "Single Window System" named ATIC has been established with the financial support of ICAR in 2002 at the main gate of the University. The major objectives of the ATIC are

- Providing diagnostic and advisory services to the farmers and other clients in the area of soil testing, plants health care and animal husbandry services
- Providing technological recommendations through publication and by producing video-cassettes on various aspects of production technology as per the clients need.
- Sale of seeds of improved varieties, plant saplings, vermi-compost, poultry strains, honey, etc.
- Providing opportunity for easy access of technological products and providing technological solutions under one roof.
- Strengthening research- extension- farmer's linkages and creating the confidence towards technological progress and their impact to raise the socio-economic status of the farmers.

A. Visits made by Officials of the Directorate to KVKs

S. No.	Particulars	Number of visits
01	SAC meetings	16
02	Field days	26

03	Workshops / seminars	2
04	Technology week	5
05	Training programmes	25
06	Kisan Mela organized and participated	14

Feedback and feed forward

- Establishment of beekeeping units and production of vermi-compost is being done by unemployed rural youths through motivation and technical guidance at ATIC.
- Farmers have enhanced their knowledge of new high yielding varieties. Vegetable production, fruit production, zero tillage technology as they are in regular touch with the scientists of ATIC.

Krishak Help Line Service

The University has established a "Krishak Help Line Service" with the financial support of U.P. Government. The service is available since 15th September, 2000 providing toll free telephone facilities for asking questions from University experts during working day between 10.00 AM to 1.00 PM. The subject matter Specialists of various disciplines like crop production, soil and nutrient management, horticulture, agro-forestry, vegetable production, plant protection, bee keeping, animal husbandry and fisheries etc provide immediate reply/advice to the queries raised by the farmers on telephone **No. 05270-262056**. The service is available from the ATIC building of the University.

Kisan Call Centre

The Hon'ble Ex Prime Minister Sriyut Atal Bihari Vajpai inaugurated '**Kisan Call Centre"** at National Level by identifying **"18001801551"** as uniform number for whole country. This University is also providing **Toll free** technical advice to the farmers, extension worker and needy student under the umbrella of ATIC. The replies from this centre to the callers are available between10.00 am to 6.00 pm on all working days.

Farmer's correspondence

Any farmer can enquire about any technological information by writing to the Director Extension, N.D.U.A. & T., Kumarganj, Faizabad – 224 229. The queries are promptly attended and replied through correspondence by the concerned specialist.

KRISHI VIGYAN KENDRA

The KVK is an innovative institution for transfer of technology, which was launched with the aim to reduce the time gap between the generation of technology and its adoption. Therefore, in view of need and importance, farmers and farm women are being trained with the latest know-how by organizing different type of on-campus and off-campus trainings. Under the Farm Advisory Services in addition to Front Line Demonstration, other demonstration/ trials for technology testing for the area, varietal trials on various latest crop varieties released or in pipe line are being done at the farms of KVKs and farmer's field, every year. The trials are being conducted in consultation with the University scientists. These institutions also provide farm information services through literature, exhibition, training, camps, radio / television talks, and field days as well as print and electronic media.

MANDATES

- On-farm testing to identify the location specificity of agricultural technologies under various farming systems
- Organize frontline demonstrations to establish its production potentials on farmer's fields
- Conducting training of farmers to upgrade their knowledge and skills in modern agricultural technologies, and training of extension personnel to orient them in the frontier areas of technology development
- To work as resource and knowledge centre of agricultural technology for supporting initiative of public, private and voluntary sector
- Seeds and planting materials will also be provided by the KVKs and made available to the farmers.
- Seed Production and multiplication of planting material at all the KVKs for fruits, vegetable, ornamental and plantation tree.

Number, Location and Lead Function of Extension Units/Programmes

The University implements about various major projects/programmes in order to facilitate strong linkages with the farmers directly and also through various line departments and agencies involved in transfer of technology task. A brief account of number, location and lead function of various extension education units/programmes/activities are given as under

Zone-wise Distribution of KVKs under Agro-climatic zone in UP under the jurisdiction of University

Agro-climatic zones in U.P. : 9

NDUA&T functioning for 3 zones : NEPZ, EPZ & VZ

Agro-climatic zones	**KVKs**	**Year of establishment**
North Eastern Plain Zone (NEPZ)	Bahraich	1985
	Basti	1985
	Siddharthnagar	2002
	Gorakhpur	2004
	Mahrajganj	2004
	Balrampur	2005
	Santkabirnagar	2009
Eastern Plain Zone (EPZ)	Mau	1989
	Ballia	1989
	Varanasi	1990
	Faizabad	2004
	Azamgarh	2004
	Barabanki	2004
	Jaunpur	2005
	Chandauli	2005
	Ambedkarnagar	2010
Vidhyan Zone (VZ)	Sonbhadra	2004

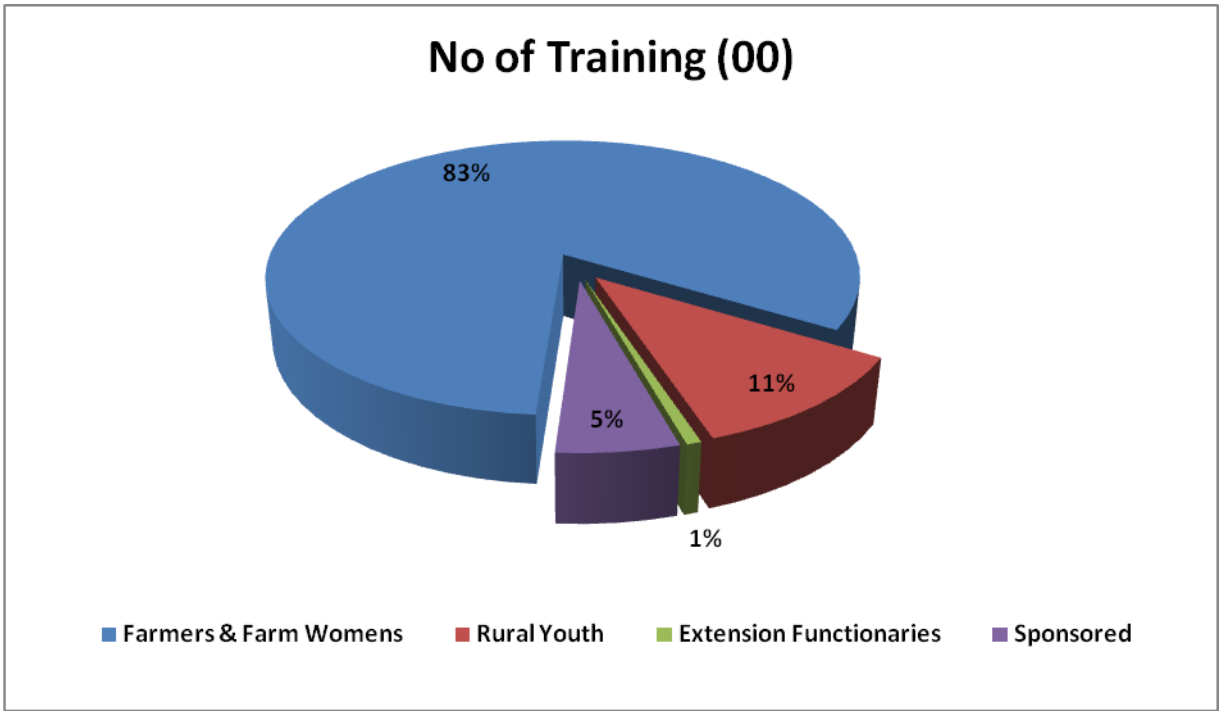
Characterization and thrust areas of Agro-climatic zones

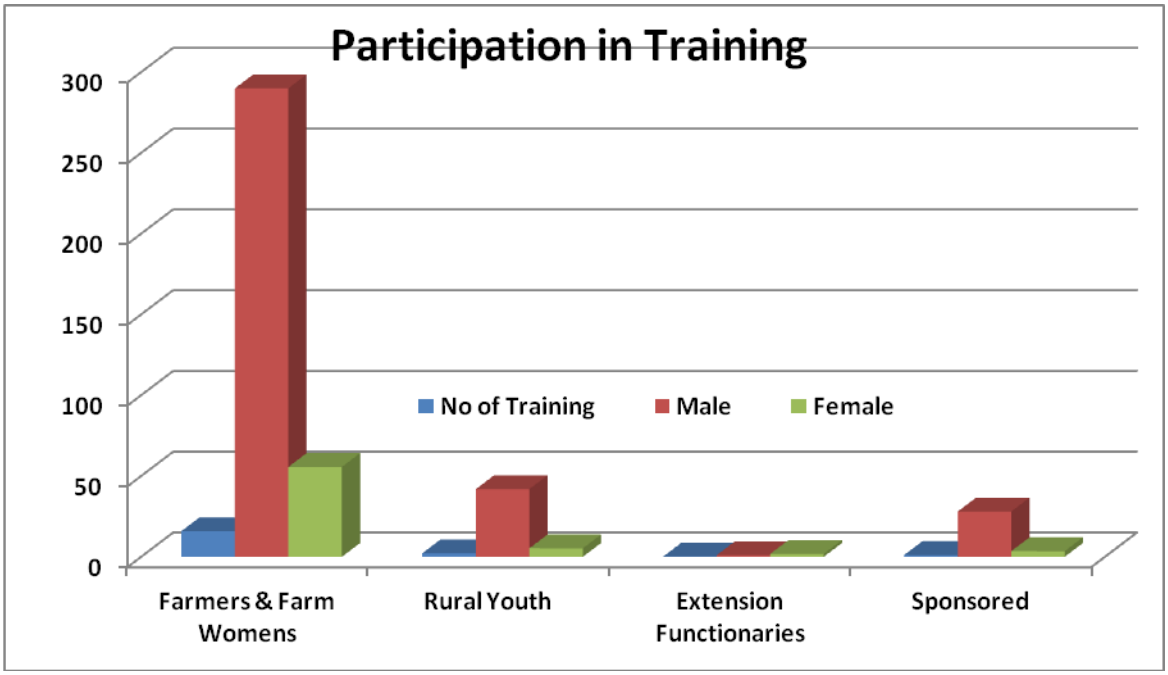
Agro-climatic Zone/KVKs	**Characteristics**	**Thrust Areas**
NEPZ *(Bahraich, Basti, Siddharthnagar, Gorakhpur, Mahrajganj, Balrampur, Santkabir Nagar)*	• Flood prone, water logged, deep alluvium, Zn, S & B deficient & calcareous soils • Rice-wheat dominant system • Rainfall 1200 mm	• Management of lowland/ flood prone areas • Intensive/multiple cropping • Diversification of the existing cropping system. • Integrated farming systems • Promotion for mango, banana and litchi • Fishery & poultry

EPZ *(Mau, Ballia, Varanasi, Faizabad, Ambedkar nagar, Azamgarh, Barabanki, Jaunpur, Chandauli)*	• Light alluvial, sodicity, Zn, S & Fe deficiency in soils • Rice-wheat dominant system • Rainfall 1050 mm	• Management of sodic soils • Integrated farming • Intensification & diversification of cropping system • Livestock management. • Promotion for aonla cultivation • Encouragement for hybrid vegetable production • Fish-culture
VZ *(Sonbhadra)*	• Stress situation • Erratic rainfall • Clay & red laterite soil • Undulated topography with bushy forest cover • Rainfall 850 mm	• Rainfed farming • Water harvesting & watershed management • Management of rocky & undulated land • Agro-forestry and medicinal plants • Utilization of tribals' potential

TRAINING ACHIEVEMENTS BY THE KVK

Skill up-gradation is one of the important objectives of KVKs. In order to fulfill the objectives 1584 practicing farmers and farm women, 216 rural youth, 106 sponsored and 131 in-service training were organized through which 34554 (83% male & 17% female), 4707 (89% male & 11% female), 3142 (90% male & 10% female) and 3021 (64% male & 36 female) participants were benefited respectively.





Training conducted by KVKs for farmers and farm women's during 2011-12

Thematic Areas of Training	No of Course	Male	Female	Total
Crop Production	332	7705	991	**8696**
Horticulture	280	4548	625	**5173**
Live Stock	368	6939	1110	**8049**
Plant Protection	234	4514	637	**5151**
Home Science	107	316	1812	**2128**
Soil Science	61	1247	126	**1373**
Fisheries	50	876	6	**882**
Others	152	2847	255	**3102**
Total	**1584**	**28992**	**5562**	**34554**

Training conducted by KVKs for Rural youth during 2011-12

Areas of training	No of Course	Male	Female	Total
Nursery Management	20	349	45	**394**

Seed production	48	1056	87	**1143**
Cultivation of Veg. Crop	14	383	24	**407**
Commercial Food production	20	413	25	**438**
Production of Organic Input	27	522	50	**572**
Post Harvest technology	16	53	168	**221**
Mushroom production	18	327	54	**381**
Dairy Farming	40	809	70	**879**
Fish production	13	272	0	**272**
Total	**216**	**4184**	**523**	**4707**

Training conducted by KVKs for Extension functionaries during 2011-12

Thematic Areas of Training	No of Course	Male	Female	Total
Crop Production	41	915	21	**936**
Horticulture	17	400	3	**403**
Live Stock	37	832	31	**863**
Home Science	8	194	22	**216**
Fisheries	27	579	12	**591**
Others	1	12	0	**12**
Total	**131**	**2932**	**89**	**3021**

Sponsored Training conducted by KVKs during 2011-12

Thematic Areas of Training	No of Course	Male	Female	Total
Crop Production	21	583	32	**615**
Horticulture	62	1391	141	**1532**
Live Stock	7	220	0	**220**
Home Science	6	300	0	**300**
Fisheries	4	25	150	**175**
Others	6	278	22	**300**
Total	**106**	**2797**	**345**	**3142**

FRONT LINE DEMONSTRATIONS

Under FLD on oilseeds, 41 ha mustard, 24 ha toria and 40 ha Sesamum were grown. The increase in yield was recorded which was varying from 17.60 % to 48.27%.

Mustard

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1	Mau	Basanti	13	5.00	16.80	12.60	45.24
2	Gorakhpur	NDR 8501	25	10.00	17.20	11.60	48.27
3	Faizabad	NDR 8501	13	5.00	21.20	15.40	37.60
4	Azamgarh	Pusa Bold	13	5.00	17.80	12.60	41.20
5	Barabanki		15	6.00	19.80	12.40	37.40
6	Jaunpur	NDR 8501	26	10.00	17.23	14.65	17.60
	Total		**105**	**41.00**	**18.33**	**13.20**	**37.88**

Toria

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1.	Bahraich	PT 507	25	10.00	10.64	8.99	18.26
2.	Basti	PT 507	13	5.00	8.85	8.16	8.45
3	Sidharth Nagar	Jagriti	18	4.00	15.30	12.60	17.65
4	Azamgarh	PT 507	13	5.00	10.18	8.10	33.00
	Total		**69**	**24.00**	**11.24**	**9.26**	**19.34**

Seasamum

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1.	Bahraich	T - 78	13	5.00	5.68	4.48	26.78
2.	Basti	Shekhar	50	20.00	5.65	5.30	16.98
3	Sonbhadra	G - 4	13	5.00	3.85	3.12	23.40
4	Jaunpur	Shekhar	13	5.00	5.73	4.28	32.00
5	Sant Kabir Nagar	Shekhar	13	5.00	5.00	2.80	78.57
	Total		**102**	**40.00**	**5.18**	**3.99**	**35.55**

Front Line Demonstration on Pulses

Similarly in order to boost production and productivity of various pulse crops out of total 289.3 ha area (lentil 64.50 pigeon pea 89 ha, black gram 08 ha, field pea 22.40 ha and lentil 22.40 ha) were covered under the FLD programme. The yield enhancement was found to be 10.67% to 68.63% depending upon technology disseminated in different agro-ecological situations.

Lentil

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1.	Bahraich	Narendra Lentil – 1	50	20.00	13.90	10.18	36.54
2	Ballia	Narendra Lentil – 1	30	12.00	16.40	12.80	28.12
3	Gorakhpur	Narendra Lentil – 1	12	5.00	19.70	12.50	57.60
4	Sonbhadra	Narendra Lentil – 1	16	6.40	17.10	13.60	25.74
5	Faizabad	Narendra Lentil – 1	13	5.00	19.80	13.50	46.70
6	Azamgarh	Narendra Lentil – 1	10	2.50	18.70	12.15	53.90
7	Barabanki	DPL – 62	18	3.60	13.70	10.10	26.30
8	Chandauli	Narendra Lentil – 1	25	10.00	16.80	14.40	16.67
	Total		**174**	**64.50**	**17.01**	**12.40**	**36.44**

Pigeon Pea

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)	%

					Demonstration	Local	Increase
1.	Bahraich	Narendra Arhar – 1	25	10.00	12.73	9.20	38.36
2.	Basti	Narendra Arhar – 1	15	5.00	16.70	11.50	45.21
3	Varanasi	Narendra Arhar – 2	25	10.00	16.50	13.80	19.50
4	Gorakhpur	Narendra Arhar – 1	12	5.00	21.50	14.30	50.34
5	Sonbhadra	Narendra Arhar – 2	13	5.00	9.85	8.90	10.67
6	Faizabad	Narendra Arhar – 2	13	5.00	25.20	16.50	12.72
7	Azamgarh	Narendra Arhar – 2	25	10.00	21.20	13.70	54.70
8	Jaunpur	Narendra Arhar – 2	46	18.00	17.10	13.25	26.40
9	Chandauli	Narendra Arhar – 2	13	5.00	16.45	13.75	19.64
10	Balrampur	Narendra Arhar – 2	16	6.00	12.80	8.50	33.50
11	Sant Kabir Nagar	Narendra Arhar – 2	25	10.00	25.90	16.40	57.92
	Total		**228**	**89.00**	**17.81**	**12.70**	**33.54**

Field Pea

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1	Mau	Malviya 15	5	2.00	19.30	13.30	45.11
2	Azamgarh	KPMR-522	13	3.00	23.90	16.60	44.00
3	Sant Kabir Nagar	Sapna	8	3.00	24.45	16.50	48.18
	Total		**26**	**8.00**	**22.55**	**15.46**	**45.67**

Black Gram

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1	Basti	Shekhar	10	10.00	11.50	9.28	27.22
2	Barabanki	Pant Urd - 31	11	4.40	11.20	6.30	43.60
3	Balrampur	Pant Urd – 19	6	2.00	9.20	6.80	26.00
4	Sant Kabir Nagar	Pant Urd – 35	15	6.00	10.50	7.00	50.00
	Total		**42**	**22.40**	**10.60**	**7.35**	**36.70**

Chick Pea

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1	Bahraich	Awarodhi	13	5.00	10.12	7.96	27.13
2	Sidharth Nagar	PG 186	18	5.00	14.90	10.80	27.52
3	Sonbhadra	Pusa 362	16	6.40	19.50	15.15	28.71
4	Faizabad	Pant G – 186	15	3.00	24.57	14.57	68.63
5	Azamgarh	DCP 92-3	13	3.00	20.40	13.10	47.80
	Total		**75**	**22.40**	**17.90**	**12.31**	**39.95**

Front Line Demonstration on Other than Oil Seed and Pulses

Rice

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1.	Bahraich	NDR – 97	10	4.00	37.90	30.70	23.45
2.	Basti	NDR – 359	30	30.00	40.00	32.40	16.00
3	Gorakhpur	Swarna Sub-1	12	5.00	46.40	41.30	13.07

4	Sidharth Nagar	Swarna Sub-1	130	45.00	56.40	43.30	30.25
5	Sonbhadra	NDR – 359	13	5.00	48.46	41.34	17.22
6	Mahrajganj	Swarna Sub-1	16	45.00	64.25	40.27	37.33
7	Faizabad	Swarna Sub-1	42	13.40	54.20	47.80	13.30
8	Azamgarh	Godawari	13	5.00	55.70	39.20	42.10
9	Barabanki	Varadhan	14	5.60	56.40	41.10	14.80
10	Jaunpur	NDR – 359	26	10.00	48.10	48.70	15.34
11	Chandauli	NDR – 97	70	30.00	32.40	27.30	17.82
12	Balrampur	Swarna Sub-1	16	5.00	54.80	37.70	30.18
13	Sant Kabir Nagar	Swarna Sub-1	25	10.00	56.70	41.30	37.29
14	Ambedkar Nagar	-	25	10.00	53.75	46.15	16.47
		Total	**442**	**223.00**	**50.40**	**39.40**	**23.18**

Wheat

Sl. No.	**Name of KVKs**	**Variety**	**No. of Farmers**	**Area (ha)**	**Yield (q/ha)**		**% Increase**
					Demonstration	**Local**	
1.	Bahraich	PBW – 350	50	20.00	44.40	38.20	17.27
2.	Basti	PBW – 502	28	11.00	46.50	42.00	15.00
3.	Ballia	-	50	20.00	40.52	36.07	12.34
4	Varanasi	-	20	8.00	42.70	34.80	22.70
5	Gorakhpur	DBW – 17	12	5.00	54.80	46.40	18.10
6	Sidharth Nagar	CVW – 38, 39	24	9.60	46.30	36.20	27.82
7	Sonbhadra	PBW – 502	13	5.00	31.85	27.70	14.98
8	Mahrajganj	HD – 2733	25	10.00	57.15	46.50	18.64
9	Faizabad	PBW – 502	20	8.00	55.23	45.50	26.96

10	Azamgarh	PBW –343	55	25.00	50.20	41.30	21.50
11	Barabanki	PBW – 502	17	6.80	46.50	39.20	15.70
12	Jaunpur	PBW – 502	25	10.00	41.50	34.60	19.94
13	Chandauli	HUW – 510	50	10.00	35.90	31.60	11.98
14	Sant Kabir Nagar	PBW – 502	27	10.00	44.05	33.50	31.49
		Total	**416**	**158.48**	**45.54**	**38.11**	**18.06**

Maize

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1.	Bahraich	Shaktiman-2	50	20	51.20	30.20	69.50
2.	Basti	Kaveri	30	10	Result Aviated		
3	Sidharth Nagar	Pro Agro 4211	25	8	Crop Standing		
4.	Azamgarh	Pro Agro 4640	10	2	43.90	31.20	40.70
	Total		**115**	**40**			

Other Crops

Sl. No.	Name of KVKs	Variety	No. of Farmers	Area (ha)	Yield (q/ha)		% Increase
					Demonstration	Local	
1.	Bahraich	Tomato	5	0.50	396.20	292.40	35.50
		Brinjal	5	0.50	278.80	190.20	46.58
2.	Basti	Bitter gourd	12	1.20	246.00	228.00	7.89
3.	Ballia	Chilli	5	2.00	76.50	51.80	47.68
4.	Mau	Vegetable pea	12	3.00	115.00	75.00	53.33
5.	Varanasi	Tomato	5	1.00	620.37	411.25	50.85
		Okra	5	1.00	111.75	79.00	41.46
		Okra	10	2.0	137	94	45.74
6.	Gorakhpur	Potato	5	1.0	230	150	53.33
7.	Sidharth Nagar	Okra	10	1.0	105.60	68.80	53.49
		Kharif onion	4	1.0	208.2	177.5	17.30
8.	Sonbhadra	Tomato	15	15	342.06	312	9.63
9	Faizabad	Tomato	10	0.7	513	372.0	37.90
		Okra	22	1.1	93.67	63.89	46.61

		Cabage	10	1.0	159.5	187.0	49.07
		Coriender	10	2.5	14.5	9.8	47.96
10	Azamgarh	Cauliflower	10	0.25	310.4	230.8	34.49
		Tomato	10	0.25	388.2	300.8	29.06
		Chilli	10	0.25	72.80	61.40	18.57
11	Jaunpur	Suran	5	0.14	375.00	262	43.13
		Turmeric	5	0.07	187	150	24.67
		Okra	14	2	50	38	31.58
		Cow Pea	14	2	48	32	50.00
		Brinjal	5	0.1	208.0	143	45.45
		Tomato	5	0.2	333	273	21.98
		Chilli	5	0.1	233	193	20.73
		Cauliflower	5	0.1	249	199	25.13
		Onion	5	0.1	242	185	30.81
12	Sant Kabir Nagar	Water Melon	4	0.4	156.5	110	42.27
			242	40.46	6501.05	4860.64	33.75

ON FRAM TESTING

During the year, 109 on-farm trials (47 on integrated crop and pest management 11 on integrated crop management, 08 on nutrient management, 08 value additions 06 on disease management 02 on weed management and 01 on storage technology along-with 18 on animal and livestock production resource conservation technology, 6 each on integrated disease and weed management) were conducted in participatory mode for evaluation of need based location specific technology. It is needless to mention that promising varieties are being multiplied in form of seed on training-cum-demonstration farm to meet out the demand driven seed requirement of farmers.

Technology Assessment and Refinement

Sl. No.	Name of KVKs	INM	Varieties Evaluation	IPM	ICM	IDM	Weed Management	Post Harvest	Value Added	Storage
1.	Bahraich	-	1	-	3	-	-	-	1	-
2.	Basti	1	2	2	-	3	-	-	-	-
3.	Ballia	-	-	-	-	-	-	-	-	1
4.	Mau	2	1	2	-	-	-	-	-	-
5.	Varanasi	-	-	1	1	-	-	-	-	-
6.	Gorakhpur	-	-	-	-	-	1	-	-	-
7.	Sidharth Nagar	-	1	4	-	-	-	-	1	-
8.	Sonbhadra	1	1	-	-	-	-	-	-	-
9.	Mahrajganj	-	-	-	-	-	-	-	-	-
10.	Faizabad	1	1	2	-	-	-	-	-	-
11.	Azamgarh	-	1	1	-	-	1	-	2	-

12.	Barabanki	1	1	1	3	-	-	-	1	-
13.	Jaunpur	1	-	2	1	1	-	-	-	-
14.	Chandauli	-	1	1	2	-	-	-	1	-
15.	Balrampur	1	-	-	-	-	-	-	-	-
16.	Sant Kabir Nagar	-	-	-	-	1	-	-	-	-
17.	Ambedkar Nagar	-	-	-	1	-	-	-	-	-
	Total	**8**	**10**	**16**	**11**	**5**	**2**	**-**	**6**	**1**

Technology Assessed under Live Stock

Sl. No.	Name of KVKs	Disease Mgt.	Feed & Fodder Mgt.	Nutrition Mgt.	Production Mgt.	Other	Total
1.	Bahraich	-	1	-	1	-	2
2.	Basti	-	-	-	1	-	1
3.	Ballia	1	-	-	1	-	2
4.	Mau	-	-	1	-	-	1
5.	Varanasi	-	-	1	-	-	1
6.	Sidharth Nagar	-	-	1	-	-	1
7.	Sonbhadra	-	-	1	-	1	2
8.	Faizabad	-	1	1	-	-	2
9.	Azamgarh	1	-	1	-	-	2
10.	Jaunpur	-	-	1	-	-	1
11.	Chandauli	-	-	1	1	-	2
12.	Balrampur	-	-	-	1	-	1
	Total	**2**	**2**	**8**	**5**	**1**	**18**

Technology Assessed under Various crop

Sl. No.	Name of KVKs	INM	Varieties Evaluation	IPM	ICM	IDM	Weed Management	Post Harvest	Value Added	Storage
1.	Ballia	2	-	1	1	-	-	-	1	-
2.	Gorakhpur	-	1	-	1	-	-	-	-	-
	Total	**2**	**1**	**1**	**2**	**-**	**-**	**-**	**1**	**-**

OTHER EXTENSION ACTIVITIES AT KVKs

Extension services conducted/participated by KVKs and Number of participants in the program during 2011-12

Sl No.	Activities	No. Of Activity	Participation		
			Farmers	Extension Functionaries	Total
1	Advisory Service	2615	12479	1241	**13720**
2	Diagnostic Visit	859	4000	127	**4127**
3	Field day	118	4571	224	**4795**
4	Group Discussions	86	2396	136	**2532**
5	Kisan Gosthi	295	20640	763	**21403**
6	Film Show	5	315	16	**331**
7	Self Help Group	20	1699	85	**1784**
8	Kisan Mela	75	43315	1653	**44968**
9	Exhibition	53	80396	863	**81259**
10	Scientist Visit to Farmers Field	2207	16244	436	**16680**
11	Plant/AH camp	37	1745	84	**1829**
12	Farm Science Club	19	516	34	**550**
13	Ex trainees Summelan	41	838	31	**869**
14	Farmers Sammelan/	39	2754	173	**2927**
15	Method Demo.	301	1767	147	**1914**
16	Celebration of Important day	83	2401	331	**2732**
17	Special Day celebrated	5	485	239	**724**
18	Exposure Visit	22	1074	47	**1121**
19	Farmers visit to KVK	3500	1067	23	**1090**
	Total	**10380**	**198682**	**6653**	**205335**

Details of EXTENSION ACTIVITIES AT KVKs

Sl. No.	Name of KVKs	Electronic Media	Extension Literature	News Paper Coverage	Popular Article	Radio talk	TV talk	Animals Health Camp	Total
1.	Bahraich	-	-	21	16	-	1	14	52
2.	Basti	-	8	65	11	9	35	4	124
3.	Ballia	-	-	35	23	10	-	-	68
4.	Mau	1	7	37	26	8	24	2	105
5.	Varanasi	6	672	44	16	12	14	2	766
6.	Gorakhpur	3	-	76	12	10	26	-	251
7.	Sidharth Nagar	-	-	13	19	3	1	105	141
8.	Sonbhadra	-	6	39	13	74	-	2	1079
9.	Mahrajganj	-	2	20	-	8	5	34	69

10.	Faizabad	2	5	26	24	18	3	195	273
11.	Azamgarh	-	8	102	15	-	9	41	175
12.	Barabanki	-	-	47	12	6	2	-	67
13.	Jaunpur	-	-	43	26	14	19	-	102
14.	Chandauli	3	650	84	18	7	4	2	768
15.	Balrampur	-	-	21	18	-	-	128	177
16.	Sant Kabir Nagar	-	-	42	1	3	-	-	46
17.	Ambedkar Nagar	-	-	26	4	-	-	-	30
	Total	**15**	**1358**	**741**	**254**	**182**	**143**	**529**	**4293**

Technology week celebrated

Sl No	Type of avtivities	No of Programme	Beneficiary
1	Gosthi	33	5367
2	Lecture organized	116	6214
3	Exhibition	18	4661
5	Fair	10	8749
6	Farm visit	49	2546
7	Diagnostic Practical	17	221
8	Distribution of Literature	45	6547
9	Distribution of seeds	12.2	197
10	Distribution of planting material	516	2834
11	Bio-product distribution (kg)	1	47
12	Bio-fertilizer distribution (q)	21	36
13	Distribution of forestry plant	225	5050
15	Farmers visited to the Technology Week	32	2855
	Total	1095 .2	45324

Establishment of Soil and water testing lab

Soil and water testing lab is in process of setting at the KVKs, with the assistance from the ICAR. It has started at Bahraich, Masodha, Basti, Sidharthnagar, Ballia, Varanasi, Mau and Gorakhpur.

Empowerment of Mahila Mandal:

Women play very important role in the family and also contribute significantly in agricultural development besides their well recognized role in home management, crop production, live stock production, dairy management, etc. KVKs are conducting intensive training programme especially for women in these fields.

Soil Sample tested by the KVK during 2011-12

During the year 2011-12 total 1818 no of soil samples have been collected from the farmers household and further recommendations were made on the basis of analysed soil sample.

SEED / SEEDLING PRODUCTION

Quality seed production at KVKs

The centres have started on priority production of quality seed and multiplication of recently released varieties to provide seeds to the farmers. Some of the KVKs have also started nursery of fruit plants at their centre, wherein fruit plants of lime, guava, bael, papaya, mango & aonla were being sold to the farmers. It has now been decided that KVKs will get the seeds processed & sell to the farmers of respective district.

Seed produced by the KVKs during 2011-12

Sl no	Name of KVKs	Quantity (q)	Value (Rs.)
1	Paddy	135733.5	1202072.5
2	Wheat	98905	1457990
3	Pigeon pea	125.35	570315.35
4	Chick pea	107329.85	429349.85
5	Lentil	52.93	136402.93
6	Pea	18.23	32918.23
7	Urd	22.55	97122.55
8	Moong	5.4	36005.4
9	Rai	35.92	25285.92
10	Til	5.46	45725.46
11	Barley	24	24
12	Turmeric	13.53	14888.53
13	Suran	3.7	7253.7
14	Okra	2.33	20302.33
15	Lobia	1.19	8191.19
16	Dhaincha	6	21006
17	Sanai	8.75	8.75
18	Sudan	3.4	3.4
	Total	**342297.1**	**4104866**

Sapling produced by the KVKs during 2011-12

Sl no	Name of KVKs	Quantity (No)	Value (Rs.)
1	Tomato	108770	131840
2	Chilli	49950	66390
3	Brinjal	56450	78770
4	Cauliflower	18000	24500
5	Cabbage	16400	21600
6	Onion	12003.5	18803.5
7	Bottle gourd	1280	1680
8	Bitter gourd	1509	1679
9	Papaya	5595	27205
10	Mango	1270	25500
11	Aonla	8092	54173
12	Satawar	2000	8000
13	Hybrid Napier	26445	76695
14	Jatropha	1120	6720
15	Teak	12140	74750
16	Finger	2	20002
17	Barbary Goat	220	96556
	Total	343074.5	734863.5

SCIENTIFIC ADVISORY COMMITTEE (SAC) MEETINGS

One Scientific Advisory Committee (SAC) Meeting is compulsorily conducted for all the KVKS under area jurisdiction of NDUAT. The meeting helps to decide the future goals and objectives of KVK in terms of scientific work and research which are supposed to be conducted at KVK during next financial year. This year also the SAC meetings were conducted. The KVK wise list of SAC meeting is mentioned below.

Scientific Advisory Committee (SAC) meetings of KVKS held during year 2010-2011

Sl no	Name of KVKs	Date of SAC meeting	Sl no	Name of KVKs	Date of SAC meeting
1	Faizabad	13.03.2012	9	Siddharth nagar	14.03.2012
2	Barabanki	12.03.2012	10	Azamgarh	19.04.2011
3	Jaunpur	15.03.2012	11	Ballia	20.04.2011

4	Chandauli	14.03.2012	12	Mau	21.04.2011
5	Sonbhadra		13	Gorakhpur	25.04.2011
6	Varanasi		14	Mahrajganj	26.04.2011
7	Bahraich	16.03.2012	15	Sant kabir nagar	27.04.2011
8	Balrampur	15.03.2012	16	Basti	27.04.2011

Publication of information bulletin / Extension Magazine

KVKs regularly publish Extension Magazine–cum–News Letter in Hindi to update the knowledge of farmers and farm women by providing this bulletin free of cost.

Establishment of Model nursery

Four of our KVKs namly Gorakhpur Basti Bahraich and Haidergarh falling under area jurisdiction of this university has been identifies and selected for setting up of model nursery for cultivation and production of seedling and saplings of vegetables fruits and forestry plants

NICRA

Four of our KVKs namly Bahraich Basuli, Tisuhi and Gorakhpur under area jurisdiction of this university has been identifies and selected for setting up of National Initiative for Climatic Resilience Agriculture in order to monitor the climatic change, variation and its impact on different agro-climatic condition for adopting success cultivation practices in different agro-climatic zones.

Establishment of Library

KVKs have developed libraries at their centre. In this library the University, ICAR and other publications are available that can be used by farmers also while visiting the Kendra.

Women day in Agriculture

All the KVKs are regularly celebrating **"women day in agriculture"** on 4th December. This day is celebrated throughout the world to highlight the role of women in agriculture.

11.2.9 Extension Activities through Farmers Organization/NGO

The University has pioneered to promote the transfer of technology through farmers'organization. In this direction, farmers organization named " Narendra Dev Krishak Samiti" is working hand in hand with the University and KVKs to make the farmers aware, knowledgeable and skillful about the latest technological interventions made by the University. For this purpose, a one-day meeting of the farmers is organized monthly basis at the University Headquarters and nearest KVKs falling under the area jurisdiction of the University.

The organization of the meeting is done by the Krishak Samiti while the facility and the scientists of different subject are provided by the University. The farmers organization also helps the University in organizing several extension programmes in remote areas.

KISAN SAMMAN DIVAS:

Kisan samman Divas is being celebrated every year in all over UP on the occasion of birthday of former prime minister Late Sri Chaudhry Charan Singh Ji. In this function 60 to 100 farmers from nearby area is being gathered and a healthy discussion over general to specific issues are being done. Farmers are encouraged to narrate their problem and practical solution to their problem is being conveyed to them. Apart from these the recent advances in the field of agriculture is also being introduced to them and they are asked to disseminate the technology amongst the friend and family members. Further the farmers are also honored by presenting them some gift and mementos for their remembrance.

Other extension activities by KVKs during 2010-11

Particulars	**Number**
Electronic Media (CD./DVD)	56
Extension Literature	4316
News paper coverage	946
Popular articles	520
Radio Talks	274
TV Talks	167
Animal health amps (Number of animals treated)	168
Others (pl. specify)	269
Total	6716

INFORMATION AND COMMUNICATION SERVICES

Print Media in Transfer of Technology

Two newspapers "Dainik Jagran and Janmorcha" have been identified to disseminate the technology fortnightly. Besides other publications, posters and handbills are also being made available to the farmers.

In modern agriculture; knowledge, information and effective communication is playing a vital role in transferring the latest technologies to the farmers at their doorsteps. Thus, the different modules of information and communication have been established for effective linkages between scientists and farmers. Accordingly, the Directorate of Extension is utilizing various means of mass communication to communicate the agricultural technology at farthest and distant places too.

Publication of Extension Literature

In Agriculture Extension published and unpublished literature plays a significant role in the dissemination of information and technologies at a nominal cost. These literatures provide detailed information in easily understandable language. Keeping in view different categories of farmers, literature in the form of technical bulletins, Krishi dairy, pamphlets, handout, package of practices based books on different crops and allied activity have been published and are being utilized for dissemination of agricultural technology.

A popular Hindi monthly magazine "*PURVANCHAL KHETI*" is published under this service, which consists popular articles on various aspects by the scientists of diffrent deciplines viz; crop production, horticulture, animal husbandry, beekeeping, fisheries, poultry, piggeries home science etc. The subscription for this magazine can be obtained by depositing Rs. 150/- per annum per farmers/students and Rs. 200/- per institutional libraries. The subscription could be obtained by sending the charges to Director Extension though money order or demand draft. Narendra Prasar Jyoti is also being published quarterly covering the various activities of Directorate of Extension, From July, 2010 onwards.

USE OF ELECTRONIC MEDIA

In order to disseminate the latest technology to the farmers, the Directorate of Extension arranges for radio talk/ discussions by the University expert on All India Radio Lucknow, Faizabad, Gorakhpur and Varanasi. The broadcasting of radio and TV talks are being done after recording the same by scientists of KVKs, KGKs and headquarter for benefit of the farming community. The radio and Doordarshan also cover special activities carried out by the University such as Kisan Mela, Agriculture Officers Workshop, Training, Field days and Kisan Gosthi, etc.

COMMUNITY RADIO STATION

In order to create awareness about agriculture and allied field for rural livelihood in the rural mass a Community Radio Station (CRS) is established in the university on 1st of April, 2008. It was established with the help of World Development Foundation (Delhi based NGO) under the supervision of Directorate of Extension, NDUA&T Kumarganj Faizabad. The radio station (CRS) in the university main campus was proposed by the Ministry of Information and Broadcasting. Presently Media Lab Asia is the funding agency for CRS to meet out the necessary and day to day expenditure.

Lectures on different aspects of agriculture and allied subjects is being recorded and broadcasted for the benefit and awareness of rural mass with the help of Scientist / Agriculture Officers / Extension specialists from different respective field.

The programs of Community Radio Station Narendra Deva Kumarganj are being aired / broadcasted in three shift morning (7:30 to 8:30 am), afternoon (1:30 to 2:30 pm) and evening (6:30 to 7:30 pm) form radio frequency at 90.4 FM. The area of coverage of this radio station is in the radius of 10 Km (aerial distance) from the university.

Funding Sources

The programme wise funding sources are given in the following table.

Programme wise Funding Sources.

SI.No.	Programmes/Projects	Funding Agencies/ Organizations
1.	Krishi Vigyan Kendra	ICAR
2.	Krishi Gyan Kendra	Government of Uttar Pradesh
3.	Farmers Scientist Interaction Programme	Government of Uttar Pradesh
4.	Transfer of Technology (TOT) Programme	Government of Uttar Pradesh
5.	Agricultural Technology Information	ICAR

	Centre(ATIC)	
6.	Farmers' Help Line Services	Government of Uttar Pradesh
7.	Farmers' Fair/Exhibition	University resources
8.	Publications	University resources

Faculty Involvement in Extension Programmes

Faculty involvement is an integral part of the extension programmes. Agriculture Help Line and ATIC are the programmes in which the faculty members of different disciplines take part every6 day. The different programmes and the ways of faculty participation are given as under:

Programmes and faculty involvement

S.No.	Programmes	Frequency & Kind of Faculty Involvement
1.	Zonal Research Extension Advisory Committee Meeting	Scientists of University Headquarter as well as Research Scientists at Crop Research Station are involved in these meetings and discuss the problems prevailing in that zone.
2.	In service Training	Generally programmes of 3-6 days are organized for field functionaries and Subject Matter Specialists' of Krishi Vigyan Kendra of different discipline. On an average 5-6 scientists per day invited to delivered their findings and researches and interact with the trainees.
3.	KVK and KGK	KVKs are having six scientists/SMS to carry out different programmes. The other scientists of nearby University/ Institute/Faculty are also involved as speakers in different programmes organized at KVKs and KGKs
4.	Transfer of Technology (TOT) programme	The scientist of concerned KVKs & 3-4 scientists from University are involved as trainers in the farmers training programme
5.	Farmers-Scientists Interaction Programme	Under this programme, scientists of University headquarter, KVKs, KGKs, CRS and ZRS are involved in the interaction programme and solve the problems of farmers.
6.	Farmers Help Line Services	About 8-10 scientists of different discipline sit at Agriculture Technology Information Centre (ATIC) for 3-4 hours eve3ry day to give replies to the question asked by farmers through telephone
7.	Agricultural Information Bureau	Faculty members of University and scientists of KVKs and KGKs are involved for writing articles on different issues in different months. Usually 10-12 articles are published in one magazines i.e. *Purvanchal Kheti.*
8.	ATIC	Different departments have nominated panel of scientists to work for ATIC on different days. The Directorate have displayed the exhibits, posters, charts,

		models, seed samples, technical bulletins, etc. to educate the visitors.
9.	Community Radio Station	Scientist of different colleges frequently delivered lectures through Radio Station from time to time. Generally season based Radio talks are scheduled so that farmers took benefit of the latest technologies
10.	Video Conferencing through VRC (Village Resource Centre)	Through Video Conferencing, various talks of Scientists are scheduled and delivered to the farmers of Uttar Pradesh and Madhya Pradesh through Village Resource Centre (VRC).
11.	Farmers Fair/Exhibition	The faculty members of different departments of various Colleges are actively engaged in Kisan Mela and exhibitions. Department and Colleges organized their stalls and exhibits and also provide technical knowledge and research findings and advice to the visitors.

KRISHI GYAN KENDRA

Five Farm Advisory Service Centres popularly known as Krishi Gyan Kendra (KGKs) are running in the districts where there is no Krishi Vigyan Kendra of the University. Under one roof, these Kendras provide the specialized Farm Advisory Services (FAS) in the field of Agriculture, Horticulture, Animal Science, Pisciculture & Home Science. These Centres are situated right at the district headquarters and cater the needs of the farmers of entire district for dissemination of latest technologies by the extension scientists posted at the KGKs and also in collaboration with the Govt. Department and NGOs. Each KGK inspite of financial crises as there is no fund allotment for activities; organize some activities of training, demonstration, gosthis, field day etc in collaboration with State Deptt. and NGOs.

KGKs functioning under the NDUA&T

Establishment year of KGK

S. No.	Name of KGK	Year of establishment
1	K.G.K. Ambedkar Nagar	2000
2	K.G.K. Deoria	2001
3	K.G.K. Gonda	2005
4	K.G.K. Ghazipur	2005
5	K.G.K. CSM Nagar	2005

Training programme conducted by the KGKs during 2011 -2012

Sl. No.	Training Area	No. of prog	Male	Female	Total
1	Crop Production	56	400	604	**1324**
2	Horticulture	14	500	150	**650**
3	Live Stock Production	15	200	50	**250**
4	Plant Protection	56	600	227	**1148**
5	Home Science	20	0	500	**500**
6	Soil Science	5	250	0	**250**
7	Farm Management	10	300	60	**360**
8	Fisheries	6	300	60	**360**
9	Sponsored Training Programme	234	3025	1213	**5336**
10	Transfer of Technology	8	0	0	**300**
	Total	**424**	**5575**	**2864**	**10478**

Other Extension Activity

Sl. No.	Training Area	No. of prog	Male	Female	Total
1	Advisory Service	268	1500	50	2452
2	Diagnostic Visit	20	500	10	510
3	Field Day	26	1000	20	1020
4	Kisan Gosthi	130	3824	271	7934
5	Exhibition	10	3000	50	3050
6	Self Help Group	10	150	10	160
7	Kisan Mela	27	2000	50	2050
8	Scientist Visit to Farmer's Field	38	200	0	237
9	Plant/Animal health camp	4	100	5	105
10	Farm Science Club	10	150	10	160
11	Farmers Seminar/Workshop	5	250	20	270
12	Celebration of Important day	2	100	10	110
13	Exposure Visit	8	360	20	380
	Total	270	11134	466	15476

Other Extension Activity

Sl. No.	Training Area	No. of prog
1	Electronic Media	5
2	Extension Literature	5375
3	News paper coverage	74
4	Technical Article	18
5	Technical Bulletin	2
6	Technical Reports	15
7	Radio Talk	29
8	Television Talk	23
9	Animal health camp	5
	Total	62

The scientist from the KGK's also participating in the various extension activities organized by the Government sector, NGO's and University schemes.

SUCCESS STORY:

Seed Replacement / Dissemination

Narendra Deva University through its Krishi Vigyan Kendra, located in seventeen (17) districts of eastern UP has made special efforts to replace local seed variety of paddy with that of a high yielding drought resistant paddy variety NDR-97 in its area of jurisdiction. The variety is suitable to perform under drought & suitable for rain fed as well as upland and irrigated conditions. NDR-97 is a crop of 90 days and has been accepted all over by farmers because of good quality rice, shorter in duration and its high yielding ability.

How it was achieved:

Taking into consideration of various suitable qualities for adoption of this variety, seed dissemination programme was chalked out with the mission that areas covering vegetable growers of the district can incorporate this variety in their vegetable based crop rotation so as to increase the cropping intensity, profitability and food security of the farmers.

Initially during kharif 2007, two KVKs namly masodha and jaunpur has started seed production program involving farmers participation. In the beginning 100 farmers belonging to 100 Nyay Panchayats covering 10 vegetable growing blocks of the districts with a M.O.U. that such produce (truthful seed) will be used **only as seed** strictly and not as rice grain and to be sold into the consumers market. This seed is further supposed to be supplied to the ten nearby rice growing farmers. The breeder seed of NDR-97 was supplied by KVKs to the farmers for seed production cum dissemination purpose.

Similarily as the time passes during the year we are suppose to achieve approximately one lakh farmers with a seed production of 14000 tonnes of seed covering 40000 hectare of land under NDR 97 in eastern UP. Coverage of farmer, land, seed produced alongwith the approach model is given in figure.

The seed dissemination module was publicized and popularized through:

(a) Through field days on demonstration sites
(b) Through Kisan Melas
(c) Through exposure visits
(d) Through Kisan Goesthi/trainings
(e) Through farmers-Scientists interaction
(f) Through farmers-farmer interaction
(g) Through electronic & print media.

The Economics of the study:

The economics of seed dissemination programme of NDR-97 has been shown in the table below which reveals that from one hectare of land farmers can get net return of Rs. 20,150/- per hectare with the cost benefit ratio of 1:2.11 which is highly appreciable because of better yield, short duration and fetching handsome net return per hectare. This can be replicated in other areas of similar agro-ecological situation.

Avg. Yield (q/ha)	Cost of cultivation (Rs./ha)	Gross Return (Rs./ha)	Net return (Rs./ha)	Cost Benefit ratio
36-38	18250	38400	20150	1:2.11

A Demonstration unit of NDR 97 at KVK

A view of healthy standing cop of NDR 97 at farmers field

Representative of ZCU zone IV visiting
mature crop of NDR 97 at farmer's field

Impact Assessment

The continuous efforts made in the direction of technology transfer through front line extension programmes of the University have led to facilitate the adoption of following technologies by the farmers of the University service area, besides the use of seed developed by the University.

- Introduction of Mentha crop for raising the productivity & income per unit area, keeping in view that the fields are generally kept fallow during Zaid in the Eastern Plain Zone.
- Raising the density of plant population per sq meter in paddy to the optimum level in place of traditional practice of transplanting one seedling per hill.
- $ZnSO_4$ has become a part of the fertilizer application recommendations in paddy due to vigorous thrust put by the University.
- Sesamum variety Shekhar yielded higher in comparison to local variety in NEPZ.
- Sesamum variety Type-78 performed well under rainfed condition of vindhyan zone in red soil.
- Toria variety PT-303 is well suited for early crop in rainfed areas.
- Amber variety of groundnut performed better in rainfed condition of North Eastern Plain Zone.
- Mustard cultivar NDR-8501 showed better performance in all zones (NEPZ, EPZ & VZ).
- Application of Butachlor in paddy and Isoproturon in wheat has become common among various categories of farmers because of the efforts of the various extension units.
- The adoption of weed management technology by the farmers against obnoxious weeds like Kans (*Saccharum munja*), Motha (*Cyprus rotundus*) and Congress grass (*Parthenium hysterophorus*) in the districts and other parts of the area jurisdiction has been realized.
- Diffusion and adoption of low cost & indigenous mushroom production technology by small, marginal and landless farm households in natural conditions.
- Introduction of late sown technology with the acceptance of NW 1014 and Halna variety of wheat by the farmers particularly after harvesting of late sown sugarcane in districts of North Eastern Plain Zone and Eastern Plain Zone.
- Popularizing the concept of honey production by the individual farmers and group of farmers particularly in district Sultanpur, Faizabad and Ambedkar Nagar.
- The concept of seed production by Farmers Interest Groups (FIGs) to raise the seed replacement rate has been widely accepted by the farmers and the line departments are pursuing the concept.

- Acceptance of the technology of planting Aonla in Usar affected soils particularly in Pratapgarh, Sultanpur & neighboring districts.

Future Projections

In the information technology era the globalization of agriculture has become one of the important challenges. To meet this challenge, the technology transfer system has to be highly responsive and dynamic. Following are some of the important projections needing attention.

- To establish ATIC at each KVK and KGK.
- To strengthen effective communication system through electronic media, audio-visual aids and computer network.
- To establish Information & Communication Technologies like Community Radio Station, Vedio Conferencing system at each KVK and KGK
- To start Krishak Help Line Service in all the districts of the State.
- To start conduction of technical demonstration programmes in the entire State through the Agricultural University.
- To update information regarding price, demand and supply fluctuations of the commodity within and outside the country and make available to the farmers.
- To expand and improve research and extension link with supporting role to line departments and with NGOs.

Accomplishments of Directorate

The Directorate has an important function to communicate in the most effective manner the findings of research to the end users and serve as a link to obtain feedback from the farmers. The extension unit is involved in training and extension activities of the University, which deliberates on how to give extension service and chalk out the programmes for the year. It also brings out the package of practices, which is a useful source of information on technology to the farmers. In addition, it brings out various bulletins of topical interest to the farmers. It provides technical advice to the farmers wherein, the scientists and teachers advise the farmers on the technical problems faced by them. The extension education programmes help in the transfer of technology through adaptive trials, first line and front line demonstrations, institution-village linkage programme etc. and make the farmers aware of the means of augmenting incomes through adoption of technologies.

Different training programmes have rendered good services in promoting professional competence to the staff of the line departments of the government both within and outside the state. It also imparts training to officers of private firms, NGOs Bank officers, etc on problem areas where the University has its core competence. The Krishi Vigyan Kendra (KVK) sponsored by the ICAR is a novel scheme to involve

agriculture scientists of the University in solving the problems of the farmers. It uses the services of these people in training for skill development, both on-campus and off-campus. This programme helps to bring the most up to date knowledge and information to the end users of this information.

Participation in Workshop/Seminar/Symposium/Conference/Training/Group Meeting

1. Dr. Saurabh Verma, S.M.S. (Agronomy), Dr. Ravi Prakash Maurya, Senior Extension Officer and Dr. R.A. Singh, Assoc. Prof. (Agronomy) participated & presented Research Paper "Use of Zerotill Machine under Rice-Wheat sequence in Eastern Plain Zone A Participatory approach Abstract : National Seminar on new vitas of Research & Development in Agriculture an allied sector. Nov. 19, 2011 at NDUAT, Kumarganj, Faizabad.

2. Anil Kumar, S.M.S., Farm Management, Dr. B V S Sisodia, Professor, Agriculture Statistics, participated & presented Research Paper entitled "Growth pattern of pulses in India a brief study" in National Seminar on new vistas of Research & Development in Agriculture an allied sector. Nov. 19, 2011 at NDUAT, Kumarganj, Faizabad.

3. Anil Kumar, S.M.S., Farm Management, Dr. B V S Sisodia, Professor, Agriculture Statistics, published abstract entitled "Growth pattern of pulses in India a brief study" in abstract and souvenir published during National Seminar on new vistas of Research & Development in Agriculture an allied sector. PP 58 Nov. 19, 2011 at NDUAT, Kumarganj, Faizabad.

4. Anil Kumar, S.M.S., Farm Management, Dr. J P Mishra, Professor, Agriculture Economics Published article entitled "Common Practices used for packaging of fresh fruits and vegetables" in souvenir published during 13th convocation. PP 72-77 organised during 15th December, 2011 at NDUAT, Kumarganj, Faizabad.
5. R.A. Singh, Saurabh Verma, Krishna Kumar and Vimal Pandey. Influence of Plant Architecture and Nitrogen Management on Growth, Yield and Quality of Hybrid Rice under Rainfed Sodic condition. Extended summary accepted in Third International Agronomy Congress Agriculture Diversification, Climate change Management and livelihoods. Nov. 26-30, 2012, New Delhi; India.
6. R.P. Maurya, All KVKs PC/OIC participated in 6th National Conference of KVKs at JNKVV Jabalpur (M.P.) from 3-5 Dec. 2012.
7. R.P. Maurya and PC KVK Ballia, Basti, Bahraich, Gorakhpur, Mahrajganj, Mau, Sidharth Nagar & Balrampur participated in QRT Review Meeting and Mid-term Workshop of KVKs Zone IV U.P. & U.K. at GBPUAT Pantnagar, Uttrakhand from 26-28 Dec. 2011.
8. Dr. Kanti Prasad, Dr. R.P. Maurya, and all PC of KVKs participated in Zonal Workshop of KVKs UP & UK at SVBPUA & T meeting from 20-21 May 2012.

9. PC KVKs Barabanki, Chandauli, Sonbhadra, Varanasi, Sant Kabir Nagar, Jaunpur, Azamgarh & Faizabad participated in Mid-term Review Workshop of KVKs Zone IV UP & UK at ZPD Zone IV Kanpur from 22-24 Dec. 2012.
10. Participated in one week short course and training programme on "Overview of SAS" at IASRI, Pusa Avennue, New Delhi-11 during 22-29 November 2010, organised by ICAR under NAIP project.
11. Participated in twenty one days summer school on "Decision support system in agriculture using economic tool" at National Center for Agricultural Economics and Policy Research (NCAP), Pusa Avennue, New Delhi-11 during 02-22 August 2011.

GLIMPSES OF EXTENSION ACTIVITY DURING THE YEAR 2011-12

Honble VC presiding at a farmers training programe

ADE chairing session of farmers training

Technology is being disseminated through Transfer of technology programme

Transfer of technology undertaken on Wheat Crop

Farmer applying scientific technology in his field

Demonstration of line sowing of wheat by drum seeder

Field demonstration of high yielding var of Swrna Sub-1

Field demonstration of high yielding var of Chick Pea.

Farmers training under transfer of technology.

Demonstration on budding & grafting for nursery management.

Hands on Practice to the Farmers Nursery Management.

Group of farm women's visiting regional farmers fair in the university

Chief guest and other dignitaries visiting farmer's fair

Honble Dignitaries of SAC examining crop cafeteria at KVK.

Farmers gathering paying attention to the technical session at Farmer's Fair

6. Technical Achievement

Details of target and achievement of mandatory activities by KVK during 2011-12

Sl. No.	Name of KVKs	On Farm Trials				Front Line Demonstration				Trainings																Extension Activities			
										No. of course								No. of Participants											
		No. of OFT		No. of Trials		Area in hectare		No. of Farmers		Farmers		Rural Youth		Extension Functionaries		Sponsored		Farmers		Rural Youth		Extension Functionaries		Sponsored		No of Activities		No. of Partici.	
		T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A	T	A
1.	Bahraich	6	5	32	25	87	101	231	276	111	158	37	13	10	9	-	-	2725	3679	585	425	225	300	-	-	467	319	6350	6885
2.	Basti	9	9	20	20	4	4	40	40	90	99	20	21	5	7	-	-	2000	2236	350	407	150	143	-	-	17	18	11150	12855
3.	Ballia	5	4	58	53	100	34	275	125	120	108	30	22	10	8	-	-	3000	2190	750	354	250	180	-	-	2000	613	10000	46182
4.	Mau	5	6	35	42	6	6	75	89	160	186	26	34	6	5	-	-	3200	3910	520	560	150	145	-	-	10	11	1000	1458
5.	Varanasi	6	3	30	12	44.8	42.8	200	154	85	114	19	11	17	9	-	-	1865	2296	355	184	400	225	-	-	408	406	10700	10378
6.	Gorakhpur	6	4	30	20	39	39	110	110	55	43	8	7	6	6	-	-	1371	1115	225	205	150	150	-	-	260	270	5311	6684
7.	Sidharth Nagar	9	8	55	50	77.6	82.6	295	278	103	77	24	11	26	14	-	2	1955	1830	480	220	520	275	-	75	306	334	5600	26343
8.	Sonbhadra	6	4	48	40	40	45.8	100	153	75	71	20	14	8	10	-	-	2000	2387	450	289	300	320	-	-	350	550	5000	7416
9.	Mahrajganj	-	-	-	-	25	26	50	70	50	58	4	5	4	4	-	-	1000	1178	100	110	80	80	-	-	100	190	4000	5550
10.	Faizabad	8	6	30	22	15	26	200	333	75	140	15	38	10	16	-	-	2000	2839	200	957	300	362	-	-	18	18	4000	19237
11.	Azamgarh	8	7	40	38	25	24	200	296	60	55	20	25	20	425	-	-	1800	1540	16	220	16	350	-	-	32	4000	24	4350
12.	Barabanki	5	7	35	40	50	87	50	96	50	77	10	13	15	16	-	-	-	-	250	360	16	225	-	-	20	22	1930	16112
13.	Jaunpur	6	6	36	36	50	58.50	200	209	70	77	20	25	8	9	6	6	1000	1218	300	324	245	200	300	300	1000	1051	2000	14860
14.	Chandauli	7	7	35	35	63.85	63.85	265	269	78	78	10	10	10	10	-	-	2500	2507	200	245	200	228	-	-	230	232	9000	9550
15.	Balrampur	4	2	23	10	51	20.80	191	73	102	121	-	-	-	-	-	-	2203	4433	-	-	-	-	-	-	152	128	6840	5888
16.	Sant Kabir Nagar	3	1	12	4	15	15	150	150	100	97	20	10	10	8	-	-	2000	2082	400	151	200	168	-	-	-	-	-	-
17.	Ambedkar Nagar	1	1	3	4	10	10	24	26	18	16	-	-	-	-	-	-	270	282	-	-	-	-	-	-	150	147	6500	6205
	Total	**94**	**80**	**522**	**451**	**703.25**	**686.35**	**2656**	**2747**	**1402**	**1575**	**283**	**259**	**165**	**556**	**6**	**8**	**30889**	**35722**	**5181**	**5011**	**3202**	**3351**	**300**	**375**	**5520**	**8309**	**89405**	**199893**

8. Training

Training for Practicing farmers and farm women including sponsored training programme

Sl. No.	Name of KVKs	Crop Production			Horticulture			Live stock production			Soil Science			Plant protection			Fisheries			Home Science			Other			Total		
		C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F
1.	Bahraich	27	699	13	17	460	-	48	1044	128	6	143	-	15	253	2	5	66	-	19	-	344	3	88	-	135	2687	487
2.	Basti	37	617	148	17	318	134	21	370	56	-	-	-	16	297	71	-	-	-	15	231	114	1	20	-	107	1853	523
3.	Ballia	19	369	31	23	410	27	24	433	45	4	75	7	20	367	16	-	-	-	14	31	302	2	40	2	106	1725	430
4.	Mau	19	340	10	38	708	7	32	705	5	21	370	10	24	600	5	11	255	-	-	-	-	38	845	5	183	3823	42
5.	Varanasi	13	196	40	20	384	33	24	388	179	-	-	-	-	-	-	-	-	-	10	-	183	43	626	158	110	1594	593
6.	Gorakhpur	22	625	53	43	-	-	-	-	-	-	-	-	21	386	51	-	-	-	-	-	-	-	-	-	86	1011	104
7.	Sidharth Nagar	24	514	15	-	-	-	19	410	19	-	-	-	-	-	-	-	-	-	20	-	445	8	122	5	71	1046	484
8.	Sonbhadra	9	470	72	18	358	47	20	547	77	1	16	-	15	330	74	-	-	-	-	-	-	6	118	20	69	1839	290
9.	Mahrajganj	-	-	-	-	-	-	35	624	87	-	-	-	-	-	-	-	-	-	-	-	-	23	422	42	58	1046	129
10.	Faizabad	20	327	238	19	255	194	28	390	222	-	-	-	25	381	174	33	483	-	7	36	119	-	-	-	132	1872	947
11.	Azamgarh	25	429	97	26	455	95	23	417	112	22	423	90	24	437	98	1	18	4	-	-	-	-	-	-	121	2179	496
12.	Barabanki	37	1548	123	-	-	-	33	362	32	7	220	19	28	533	44	-	-	-	-	-	-	-	-	-	105	2663	218
13.	Jaunpur	18	265	-	15	240	-	15	275	-	-	-	-	17	262	-	-	-	-	-	-	-	12	177	-	77	1219	0
14.	Chandauli	18	452	92	10	182	63	7	152	42	-	-	-	13	314	89	3	68	-	1	18	7	5	105	23	57	1291	316
15.	Balrampur	7	176	20	10	259	25	16	461	23	-	-	-	3	81	3	2	52	2	-	-	-	-	-	-	38	1029	73
16.	Sant Kabir Nagar	21	435	-	24	519	-	23	361	83	-	-	-	13	273	10	-	-	-	21	-	298	11	284	-	113	1872	391
17.	Ambedkar Nagar	16	243	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	243	39
	Total	**332**	**7705**	**991**	**280**	**4548**	**625**	**368**	**6939**	**1110**	**61**	**1247**	**126**	**234**	**4514**	**637**	**50**	**876**	**6**	**107**	**316**	**1812**	**152**	**2847**	**255**	**1584**	**28992**	**5562**

C = Course M = Male F = Female

Training for Rural Youth including sponsored training programme

Sl. No.	Name of KVKs	Nursery Management			Seed production			Cultivation of Veg. Crop			Commercial Food production			Production of Organic Input			Post Harvest technology			Mushroom production			Dairy Farming			Fish production			Total		
		C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F
1.	Bahraich	3	85	-	2	75	-	1	30	-	2	60	-	2	65	-	-	-	-	-	-	-	2	85	-	1	25	-	13	425	0
2.	Basti	5	105	4	2	39	11	-	-	-	2	29	4	1	15	5	2	1	29	-	-	-	4	87	4	3	30	-	19	306	57
3.	Ballia	-	-	-	4	64	-	-	-	-	-	-	-	1	20	-	4	7	33	-	-	-	6	120	-	-	-	-	15	211	33
4.	Mau	2	30	-	3	55	-	2	40	-	5	85	-	3	45	-	-	-	-	1	15	-	-	-	-	-	-	-	16	270	0
5.	Varanasi	-	-	-	3	54	-	-	-	-	3	52	8	-	-	-	1	-	16	1	-	20	2	21	3	-	-	-	10	127	47
6.	Gorakhpur	-	-	-	4	94	6	-	-	-	-	-	-	2	70	10	-	-	-	1	25	-	-	-	-	-	-	-	7	189	16
7.	Sidharth Nagar	1	-	20	2	40	-	-	-	-	-	-	-	1	20	-	2	-	40	-	-	-	5	80	20	-	-	-	11	140	80
8.	Sonbhadra	-	-	-	2	100	-	6	214	9	-	-	-	1	20	5	-	-	-	1	21	4	4	90	5	-	-	-	14	445	23
9.	Mahrajganj	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
10.	Faizabad	-	-	-	7	185	30	2	48	10	5	141	-	-	-	-	2	-	30	4	72	18	4	104	-	6	147	-	30	697	88
11.	Azamgarh	4	35	10	5	77	13	1	15	-	2	28	6	5	76	28	1	5	5	4	68	6	4	48	32	1	25	-	27	377	100
12.	Barabanki	1	25	5	4	108	27	-	-	-	-	-	-	2	48	2	-	-	-	3	70	5	3	66	4	-	-	-	13	317	43
13.	Jaunpur	2	30	-	4	45	-	1	16	-	-	-	-	4	47	-	1	15	-	2	32	-	3	45	-	-	-	-	17	230	0
14.	Chandauli	1	19	6	1	20	-	1	20	5	1	18	7	2	50	-	1	25	-	1	24	01	1	23	2	1	25	-	10	224	21
15.	Balrampur	1	20	-	3	60	-	-	-	-	-	-	-	1	20	-	-	-	-	-	-	-	2	40	-	1	20	-	8	160	0
16.	Sant Kabir Nagar	-	-	-	2	40	-	-	-	-	-	-	-	2	26	-	2	-	15	-	-	-	-	-	-	-	-	-	6	66	15
17.	Ambedkar Nagar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
	Total	**20**	**349**	**45**	**48**	**1056**	**87**	**14**	**383**	**24**	**20**	**413**	**25**	**27**	**522**	**50**	**16**	**53**	**168**	**18**	**327**	**54**	**40**	**809**	**70**	**13**	**272**	**0**	216	4184	523

Training for Extension personnel including sponsored training programme

Sl. No.	Name of KVKs	Crop Production			Horticulture			Live stock production			Soil Science			Plant protection			Fisheries			Home Science			Other			Total		
		C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F
1.	Bahraich	3	100	-	1	50	-	3	100	-	1	25	-	1	50	-	-	-	-	1	25	-	-	-	-	10	350	0
2.	Basti	3	70	3	2	44	-	1	50	-	1	53	11	-	-	-	-	-	-	-	-	-	-	-	-	7	217	14
3.	Ballia	2	50	-	-	-	-	4	100	-	-	-	-	-	-	-	-	-	-	2	-	30	-	-	-	8	150	30
4.	Mau	1	30	-	1	30	-	1	30	-	-	-	-	2	55	-	-	-	-	-	-	-	-	-	-	5	145	0
5.	Varanasi	1	25	-	4	100	-	3	75	-	-	-	-	-	-	-	-	-	-	-	-	-	1	25	-	9	225	0
6.	Gorakhpur	3	75	-	-	-	-	-	-	-	-	-	-	2	50	-	-	-	-	-	-	-	1	25	-	6	150	0
7.	Sidharth Nagar	5	95	-	-	-	-	4	80	-	-	-	-	-	-	-	-	-	-	5	-	100	-	-	-	14	175	100
8.	Sonbhadra	1	55	-	1	30	-	2	60	-	-	-	-	-	-	-	-	-	-	-	-	-	1	30	-	5	175	0
9.	Mahrajganj	-	-	-	-	-	-	2	40	-	-	-	-	-	-	-	-	-	-	-	-	-	2	40	-	4	80	0
10.	Faizabad	2	50	-	1	25	-	2	50	-	-	-	-	8	190	-	-	-	-	1	20	-	2	27	-	16	362	0
11.	Azamgarh	6	121	5	2	27	3	6	96	30	3	63	9	4	67	7	-	-	-	1	25	-	1	8	2	23	407	56
12.	Barabanki	5	70	5	-	-	-	3	29	1	2	28	2	5	45	5	-	-	-	1	30	10	-	-	-	16	202	23
13.	Jaunpur	1	25	-	1	30	-	2	50	-	-	-	-	2	60	-	-	-	-	-	-	-	2	55	-	8	220	0
14.	Chandauli	3	73	-	2	40	-	1	20	-	1	25	-	2	50	-	-	-	-	-	-	-	1	20	-	10	228	0
15.	Balrampur	3	36	-	2	24	-	1	12	-	-	-	-	1	12	-	1	12	-	-	-	-	-	-	-	8	96	0
16.	Sant Kabir Nagar	2	40	8	-	-	-	2	40	-	-	-	-	-	-	-	-	-	-	2	-	40	2	-	40	8	80	88
17.	Ambedkar Nagar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0
	Total	**41**	**915**	**21**	**17**	**400**	**3**	**37**	**832**	**31**	**8**	**194**	**22**	**27**	**579**	**12**	**1**	**12**	**0**	**13**	**100**	**180**	**13**	**230**	**42**	**157**	**3262**	**311**

Sponsored training programme

Sl. No.	Name of KVKs	Crop Production			Horticulture			Live stock production			Soil Science			Plant protection			Fisheries			Home Science			Other			Total		
		C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F	C	M	F
1.	Bahraich	-	-	-	6	120	55	2	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	180	55
2.	Basti	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.	Ballia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	Mau	-	-	-	-	-	-	2	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	60	-
5.	Varanasi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	Gorakhpur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	Sidharth Nagar	3	15	-	3	143	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	158	7
8.	Sonbhadra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Mahrajganj	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.	Faizabad	-	-	-	5	140	25	2	50	-	-	-	-	-	-	-	-	-	-	1	25	-	-	-	-	8	215	25
11.	Azamgarh	9	118	32	32	520	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41	638	79
12.	Barabanki	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Jaunpur	6	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	300	
14.	Chandauli	3	150	-	9	250	-	1	50	-	-	-	-	3	150	-	-	-	-	-	-	-	6	278	22	22	878	22
15.	Balrampur	-	-	-	7	218	7	-	-	-	-	-	-	3	150	-	-	-	-	3	-	150	-	-	-	13	368	157
16.	Sant Kabir Nagar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.	Ambedkar Nagar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	**21**	**583**	**32**	**62**	**1391**	**141**	**7**	**220**	-	-	-	-	**6**	**300**	-	-	-	-	**4**	**25**	**150**	**6**	**278**	**22**	**106**	**2797**	**345**

3. Total land with KVKs in ha.

Sl. No.	Name of KVKs	Under Building	Under Demo.	Under crops	Orchard/ Forestry	Other specify	Total
1.	Bahraich	0.40	0.80	9.10	0.50	2.80	13.60
2.	Basti	1.20	2.00	14.00	2.40	0.40	20.00
3.	Ballia	0.90	0.25	7.00	1.25	-	9.40
4.	Mau	3.20	0.20	4.00	5.00	9.80	22.20
5.	Varanasi	2.35	0.40	8.20	0.40	1.00	12.35
6.	Gorakhpur	2.00	0.50	7.80	-	2.80	13.10
7.	Sidharth Nagar	0.30	0.10	16.00	-	-	16.40
8.	Sonbhadra	0.80	-	8.00	-	1.25	10.05
9.	Mahrajganj	0.25	0.10	8.00	-	-	8.35
10.	Faizabad	0.60	0.60	18.20	-	-	19.40
11.	Azamgarh	1.50	0.02	3.88	0.70	0.70	6.80
12.	Barabanki	1.00	0.20	11.50	0.20	-	12.90
13.	Jaunpur	2.00	0.80	4.00	0.40	-	7.20
14.	Chandauli	0.80	0.20	6.80	0.10	0.10	8.00
15.	Balrampur	1.90	-	8.32	2.50	3.60	16.32
16.	Sant Kabir Nagar	1.50	-	-	-	22.5	24.00
17.	Ambedkar Nagar	0.80	-	-	-	17.33	18.13
	Total	**21.50**	**6.17**	**134.80**	**13.45**	**62.28**	**238.20**

4. Infrastructure development

Sl. No.	Name of KVKs	Administration Building	Farmers Hostel	Staff Quarter	Demonstration Unit	Fencing	Soil testing	Go down	Threshing Floor
1.	Bahraich	1988	Incomplete	6 (2008)	2 (2008)	2008		2008	2008
2.	Basti	1993	2003	6	2 (2008)			2008	2008
3.	Ballia	2005	2007	6 (2007)	2 (2007)	2007		2007	2007
4.	Mau			28	1				
5.	Varanasi	2006	2004	6 (2007)	2 (2007)	2007		2006	2006
6.	Gorakhpur			6	2				
7.	Sidharth Nagar	1993	1993	4 (1995)	2 (2006)	2008		1996	1995
8.	Sonbhadra	2003							2006
9.	Mahrajganj			6	2				
10.	Faizabad			6	2				
11.	Azamgarh	2007	2007	6 (2007)	2 (2007)	2007		2007	2006
12.	Barabanki	2007	2008	6 (2007)	2	2007			
13.	Jaunpur	2007	2007	6 (2008)	2 (2007)	2007		2007	2006
14.	Chandauli			6	2				
15.	Balrampur	2008	2008	6 (2008)	2 (2008)	2008		2008	2008
16.	Sant Kabir Nagar	2010	2010	6 (2010)	2				
17.	Ambedkar Nagar								
	Total	**17**	**17**	**124**	**29**		**10**	**11**	**12**