KRISHI VIGYAN KENDRA-BASTI

REVISED ACTION PLAN-2024

(JANUARY 2024 TO DECEMBER 2024)

ICAR- Agricultural Technology Application Research Institute,

Zone-III, Kanpur

A. N. D. UNIVERSITY OF AGRICULTURE & TECHNOLOGY

Kumarganj, Ayodhya, U.P.

Content

REVISED ACTION PLAN -2024

DETAILS OF ACTION PLAN OF KVK BASTI,U.P.

(1st Jan 2024 to 31st Dec. 2024)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and E-mail

Address	Telephone		E mail	Website
Krishi Vigyan Kendra **Post – Katya, Distt. – Basti U.P. Pin – 272 302**	09450547719	----------	kvkbasti@gmail.com	www. basti.kvk4. in

1.2 .a. Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail	Website
	Office	FAX		
Acharya Narendra Deva University of Agriculture & Technology, Kumarganj, Ayodhya-224 229 U.P., India.	05270262821	0527026282	vc_nduat2010@gmail.com	https:// /www. nduat. org

1.2. b. Status of KVK website : Yes

1.2 .c. No. of Visitors (Hits) to your KVK website (as on today) :Required document submitted and awaited for launching website.

1.2. d Status of ICT lab at your KVK : ERNET is available but not working properly.

1.3. Name of the Programme Coordinator with phone & mobile no.

Name	Telephone / Contact		
Dr. S.N. Singh	09450547719	09450547719	kvkbasti@gmail.com

1.4. Year of sanction: 1985 by order no. 22(18)/83-kvk dated 15.01.1985 (as per MOU)

1.5. Staff Position (as on 01.02.2024)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile No.	Email id	Please attach recent photograph
1	**Sr. Sc. & Head**	**Dr .S.N. Singh**	**Prof& Head**	Agril. Ext.	37400-67000	7th CPC	211800	07.01.2005	Permanent	General	+91-94450547719	snsinghpc@gmail.com	
2	**Subject Matter Specialist**	**Dr. D.K. Srivastava**	**SMS**	Animal Sc.	37400-67000	7th CPC	156900	12.01.2005	Permanent	General	91-8737983981	Srivastavadk3@gmail.com	
3	**Subject Matter Specialist**	**Dr. Prem Shanker**	**SMS**	Plant Pathology	15600-39100	7th CPC	71100	27.07.2013	Permanent	SC	+91-9616297380	drprem.ppa@gmail.com	
4	**Subject Matter Specialist**	**Dr. V.B. Singh**	**SMS**	G.P.B	15600-39100	7th CPC	71100	26.07.2013	Permanent	General	+91-7235073921	Vbs.nduat12@gmail.com	

10	9	8	7	6	5
Assistant	**Comp. Programmer**	**Programme Asstt.**	Subject Matter Specialist	Subject Matter Specialist	Subject Matter Specialist
Nikhil Singh	J.P. Shukla	Dr. S.K. Mishra	Hari Om Mishra	Dr. Anjali Verma	Dr. Manoj Kumar .Singh
Accountant	P.A(Comp)	**Programme Asstt.**	SMS	SMS	SMS
finance	computer	Agriculture	Agronomy	Home Science	Horticulture
-	9300-34800	15600-39100	15600-39100	15600-39100	15600-39100
7Th CPC	7Th CPC -	7Th CPC	7Th CPC	7Th CPC	7th CPC
39900	72100	90300	57800	57800	73200
22.08.2019	16.02.2005	11-8-1992	18.05.2022	18.05.2022	26.07.2013
Permanent	Permanent	Permanent	Permanent	Permanent	Permanent
General	General	General	General	OBC	General
9473885544	+91-9721201183	+91-9450562532	+91-8004499791	+91-9310705532	+91-9450091686
nikhilesysgmail.com	kvkbasti@gmail.com	kvkbasti@gmail.com	hariommishra171@gmail.com	Anjali19091@gmail.com	manojsingh3003@gmail.com
					

11	**Driver**	Sri Avinash Kumar Singh	Tractor Driver	-	-	7Th CPC	21100	2.9.2019	Permanent	General	+91-8853932929	-	
12	**Driver**	Yogendra Kumar Singh	Driver cum Mechanic	I-	-	7Th CPC	22400	31.08.2019	Permanent	General	**945173**0087	-	
13	**Supporting staff**	Mr. Banarasi Lal	Attendant/Cook	-	5200-20200	7Th CPC	33000	12.1.2005	Permanent	General	9554106566	-	

1.6. Total land with KVK (in ha): 20.0 ha

S. No.	Item	Area (ha)
1	Under Buildings	1.20
2.	Under Demonstration Units	2.40
3.	Under Crops	12.00
4.	Horticulture	4.00
5.	Pond	0.20
6.	Others if any	0.20
Total		**20.00**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (sq.m)	Status of construction
1.	Administrative Building	ICAR	1992-93	500	25.0	-	-	Complete
2.	Farmers Hostel	ICAR	2002-03	30	20.0	-	-	Complete

3.	Staff Quarters (6)			400	29.43	-	-	Complete
4.	Demonstration Units (2)	ICAR	2007-08	160	8.28	-	-	Complete
5	Fencing	ICAR	2006-07	2000	13.75	-	-	Complete
6	Threshing floor	ICAR	2006-07	289	2.99	-	-	Complete
7	Farm godown	ICAR	2007-08	70	3.73	-	-	Complete
8	Pump House	ICAR	2009-10	12	4.95	-	-	Complete

(b) Construction under Rastriya Krishi Vikash Yojna (RKVY) Project

S.No	Particulars	Year	Plinth area (sq.m) /No.	Expenditure Rs (Lakh)	Status
1	Boundary Wall	2019-20	2000mt.	160.0	Completed
2	Farmers Hostel cum Training Hall	2019-20	305.0	57.80	Completed
3	Solar Pump	2019-20	1	8.00	Completed
4	Fish Pond 50X20 mt.	2019-20	1000.00	2.50	Completed
5	Solar energy supply unit	2019-20	1.0	5.00	Completed
6	Solar street light	2019-20	10	2.50	Completed
7	Mother plant orchard	2019-20	1.0 ha	0.50	Completed
8	Implement shed	2019-20	1.0	6.00	Completed
9	Farm Machinery	2019-20	1.0	2.00	Completed
10	Establishment of Solar pump	2019-20	1	8.00	Completed
11	Strengthening of training hall	2019-20	1.0	7.39	Completed
12	Publicity van	2019-20	1.0	10.00	Completed
13	RCC Road	2019-20	800.00	17.60	Completed
14	Vermi Compost Unit	2019-20	1	2.00	Completed
15	Azola Unit/BGA	2019-20	1	0.50	Completed
16	Bee Keeping unit	2019-20	1	0.50	Completed
17	Scientific museum	2019-20	1	2.00	Completed
18	Fishery unit	2019-20	1	0.20	Completed
19	Duckrey Unit	2019-20	1	0.20	Completed
20	Poultry unit	2019-20	1	6.75	Completed

21	Entrance Main gate	2019-20	1.0	2.20	Completed
22	Poly House	2019-20	560.00	8.50	Completed
23	Sprinkler irrigation System	2019-20	1.0 ha	0.60	Completed
24	Leveling & Bunding	2019-20	12.0 ha	12.00	Completed

C) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total Kms. Run	Present status
Jeep (Bolero)	2019	8,00,000	79580	Good condition
Motor Cycle	2009-10	50,000	36110	Repairable
Generator	2009-10	50,000	1682 Hrs.	Good condition
Tractor (Messi)	2011-12	5,00,000	2752 Hrs.	Repairable

D) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
LED Projector	2008	-	Good
Image Capturing Device	2019	-	Good
Samsung TV	2019	-	Good

1.8. A). SAC meetings to be conducted in the year in 2024

2. DETAILS OF DISTRICT

2.1 Micro farming Situation/Enterprises (based on the analysis made by the KVK)

S.No	Farming systems / enterprises
1	Rice – wheat , Rice-Wheat-Sugarcane based
2	Paddy + Toria + Sugarcane , Urd + wheat based
3	Urd + potato + onion + okra
4	Crop Production +Vegetable
5	Crop Production+ Vegetable+ Poultry+ Fish Production enterprises

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

Agro-climatic Zone: North Eastern Plain Zone:

North Eastern Plain Zone consists of 11 districts viz. Bahraich, Sravasti, Gonda, Balrampur, Siddarth Nagar, Basti, Santkabir Nagar, Gorakhpur, Mahrajganj, Kushi Nagar and Deoria. It has an area of 33217 sq. km. which is 11.3% of the total area of the entire state. It has dence population about 2,464,464 which accounts for 15.37% of the population of the state. The average density of the population is 491.2/sq.km.

There are two types of soil, namely alluvial and calcareous. Alluvial soils are either sandy, sandy loam or clay loam. Besides, diara lands area also found in this zone. Rice–wheat is common crop rotation under irrigated condition. The deficiency of nutrients like nitrogen, phosphorus, zinc, sulphur and iron are mostly observed in this zone. The organic matter content varies between 0.20 to 0.40% and pH 6.0 to 8.5.

Agro- Ecological situations

On the basis of the topography, soil types and irrigation availability, the district may be divided into five major Agro-Ecological Situation (AES) as given below:

Agro ecological situation	Characteristics	Area covered	
		(ha)	(%)
AES-I	Irrigated loam soil	79,230	38
AES-II	Irrigated sandy loam soil	41,700	20
AES-III	Irrigated sandy soil	29,190	14
AES-IV	Rain fed sandy /loam soil	25,020	12
AES-V	Flood prone/water logged	33,360	16

1. Farming system analysis of Basti district

Basti district lies between 20.00° and 27.30° North latitude and between 80.15° and 83.80° longitude and 124 meter above the mean sea level. The major rivers of the district are Quano, Manwar, Aami and Ghaghra. Average annual rainfall of the district is 1020 mm, out of which 68 per cent falls during the month of June to September, causing sporadic floods and water stagnation in low lying area. Occasional situations are continuous biting into the vitals of Rice-Wheat cropping system and there be affecting the economic status of farming community.

There are three categories of the farmers in the district namely Resource Rich (RR), Resource Poor (RP) and Landless Labour (L.L.)

2.3 a) Soil type

S. No	Soil Type	Area (ha)	Characteristics
1	Sandy Soil	41700	This type of soil contains about 80% sand and 10% silt and 10% clay. It is highly porosis and poor water retention capacity.
2	Sandy Loam Soil	37530	The loamy soil contains about 50-80% comparatively less percent of silt and clay, which is about 15-25% and 10-20% respectively.
3	Loam Soil	83400	The loam soil may be defined as a mixture of sand, silt and clay particles, which exhibit about 30-50% sand and silt and 10-30 % clay particles.
4	Clay loam soil	45870	This soil carries about 35 % clay particles and silt particles and contains about 30% of sand unit. This type of soil can easily retain moisture and it is sticky in nature.

b) Topography

S. No.	Agro Ecological Situation	Land Characteristics
1	AES-I	Irrigated loam soil
2	AES-II	Irrigated sandy loam soil
3	AES-III	Irrigated sandy soil
4	AES-IV	Rain fed sandy /loam soil
5	AES-V	Flood prone/water logged

2.4. Area, Production and Productivity of major crops cultivated in the district (2022)

S.No	Crop	Area (ha)	Production (mt)	Productivity (Qt/ha)	Yield gap (q/ha) with respect to demo	Yield gap (q/ha) with respect to potential yield
1.	Rice	10482.000	273905	26.13	_	_
2.	Wheat	11973.000	425880	35.57	_	_
3.	Maize	2675.000	1723	6.44	_	_
4.	Lentil	2205.000	2236	10.14	_	_
5.	Gram	832.000	1007	12.10	_	_
6.	Pea	4390.000	4460	10.16	_	_
7.	Arhar	3217.000	1898	5.9	_	_
8.	Toria	886.4050	5868.00	9.16	_	_
9.	Rai	2455.000	2553	9.57	_	_
10.	Sesamum	162.000	150	3.10	_	_
11.	Groundnut	1.0.000	1.0	12.09	_	_
12.	Urd	192.000	106	5.56	_	_

District Agriculture Deptt.

2.5. Weather data (Year 2024)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
Jan-24	33.5	19.5	7.8	88	61
Feb-24	3.0	25.5	10.6	84	63
March-24	0	31.5	14.9	77	44
April-24	0	35.8	20.5	79	51
May-24	0	39.0	24.0	85	39
June-24	38.0	38.0	26.6	75	35
July-24	152.6	34.0	26.0	91	62
Aug-24	127.4	32.8	25.0	93	63
Sept-24	203.4	30.0	24.1	89	64

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Statistical report

Category	Population	Production	Productivity
Cattle			
Crossbred	14975	56922 lit.	6.0 lit/day
Indigenous	94622	94644 lit.	2.0 lit/day
Buffalo			
Indigenous	118026	236052 lit	4.0/lit/day
Goat	144455	1644550 lit	10 kg/year
Poultry			
Hens	-	-	-
Desi	12500	1700000	200 egg/year
Improved	78930	357860	2 kg
Ducks	750	-	-
Turkey and others	-	-	-
Category	Area	Production	Productivity
Fish			
Inland	1040	1800 ton	25.0 q/ha

2.7 Details of Operational area / Villages

Sl. No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Basti	Sadar	Awasthipur, Gaura, Manjharia, Katya	Til, Paddy, Wheat, Sugarcane	Low yield of oil seed, pulse & cereal crops	Promotion of HYV & plant protection major
2	Harraiya	Kaptanganj	Kharika Deori ,Manjha & Pariwarpur, Ranipur, Chando	Paddy wheat sugarcane vegetable	Low yield	HYV &Plant protection Major
3	Basti Sadar	Bahadurpur	Pipra gautam, Kudha Patti, Bhelwal	Til,Paddy,Wheat,Potato	Unbalance use of HPK Low yield of pulse &cereal	Low Production
4	Basti Sadar	Gaur	Khutehana	Til,Paddy,Wheat,Potato	Unbalance use of HPK Low yield of pulse &cereal	Low Production

2.8 Priority thrust areas:

1 Management of Rice – wheat cropping system.

2 Promotion of flood tolerance verity of rice.

3 Promotion of resources conservation technologies.

4 Promotion of fruit crops: Mango, Anola, Papaya and litchi.

5 Promotion of high – Value Vegetable Production.

6 Promotion of Breed improvement in Buffalo ,Cattle and Goat & Value added dairy products.

7 Entrepreneurship development in rural youths.

8 Integrated inland fisheries.

9 Drudgery reduction, skill and entrepreneurship development in farm women.

10 Nutrient management through liquid fertilizer & Bio-Fertilizer

11 Promotion of fodder crop.

12 Promotion of high yielding varieties

3. A. TECHNICAL PROGRAMME

OFT		FLD			
No. of OFTs	No. of Farmers	Crops		Livestock	
		Area (ha)	No. of Farmers	No. of unit	No. of Farmers
10	50	100	250	10	10

Training		Extension Activities	
No. of Courses	No. of Participants	No. of activities	No. of participants
100	2500	18	20000

Seed Production (Qtl.)	Planting material (Nos.)	
	Fruit/Vegetables	Hybrid Napier
250	50000	10,000

3. B. Abstract of interventions to be undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1	Management of Rice – wheat cropping system.			OFT					Seed
2	Promotion of flood tolerance verity of rice& sugarcane.						Training		
3	Promotion of resources conservation technologies.			OFT			Training		Seed
4	Promotion of fruit crops: Mango, Aonla, papaya and litchi.			OFT					planting materials
5	Promotion of high – value vegetable production.				FLD				planting materials
6	Promotion of Breed improvement in buffalo, cattle and Goat & Value added dairy products.			OFT					Buck
7	Entrepreneurship development in rural youths.						Training		
8	Integrated inland fisheries.						Training		
9	Promotion of fodder crop			OFT			Training		planting materials
10	Promotion of high yielding varieties			OFT	FLD				Seed

3.1 Technologies to be assessed

A.1 Abstract on the number of technologies to be assessed in respect of **crops**

Thematic areas	Cereals	Oilseeds/pulse	Commercial Crops	Vegetable	Fruits	TOTAL
Varietal Evaluation	-	-	-	-	-	-
Weed Management	2	-	-	-	-	2
Integrated Nutrient Management	-	-	-	-	-	-
Value addition	1	-	-	-		1
Integrated Pest Management	-	1	1	-	-	2
Integrated Disease Management	1			1		2
Resource Conservation Technology	1	-	-	-	-	1
Small Scale income generating enterprises	-	-	-	-	-	-
TOTAL	**5**	**1**	**1**	**1**	**-**	**8**

A.2. Abstract on the number of technologies to be refined in respect of crops – Nil

A.3. Abstract on the number of technologies to be assessed in respect of livestock / Enterprises:

Thematic areas	Cattle	Fisheries	TOTAL
Nutrition Management	1	1	2
Production and Management	-	-	-
TOTAL	**1**	**1**	**2**

A. 4. Abstract on the number of technologies to be refined in respect of livestock / enterprises Nil….

3.1 - ON FARM TRIALS

OFT-1

Particulars	Contents
Title	Weed Management in direct seeded rice.
Problem diagnosed	Being major crop of district during kharif season .Major problem is infestation of narrow and broad leaf weeds (*Echinochloa sp., commelina sp. And Leptoclo sp.*) due to intermittent rainfall, causes competition with the main crop, becomes primary cause of low yield of crop.
Micro farming situation	• Mid land and Low land • Irrigated • Timely sown • Rice-wheat cropping system
Details of technology identified for solution	T_1 - Bispyribac Sodium 10% SC 250ml (PoE) (F. P.) T_2 -Pyrazosulfuron Ethyle 10%WP 200gm /ha (PE) + Cyhalofop-Butyl 5.1% + Penoxsulam 1.02% OD 2lit. /ha (PoE) (R.P.)
No. of farmers	05
Area(ha)	5x1000 =5000 sq.m.
Critical inputs	Herbicide
Production system	Rice-Wheat
Source of technology	CCS Haryana Agricultural University, Hisar, Haryana
Total Cost	5000
Observation to be recorded	**Technical** • No. of penicle/ hills • Test weight (gm.) • No. of grains / Spike • Weed population/m^2. • Yield (q./ha) **Economic** • Cost of cultivation (Rs./ha) • Gross return (Rs/ha) • Net return (Rs/ha) • B: C ratio **Social** • Suitability • Acceptability

OFT-2

Particulars	Contents
Title	Management of False Smut disease in Rice.
Problem diagnosed	Rice is the major crop in *kharif* season. More than 32% farmers growing hybrid Rice infested with seed borne false smut diseases.
Micro farming situation	• Mid land and Up land • Irrigated • Timely sown • Rice-wheat cropping system
Details of technology identified for solution	T_1: No seed & soil treatment and spraying of fungicides as suggested by the retailer. (F.P.) T_2: Application of Azoxystrobin 11% + Tebuconazole 18.3% w/w SC stage @ 750 ml/ha at panicle initiation stage (R.P.)
No. of farmers	05
Area (ha)	1000X5 =5000 sq.m.
Critical inputs	Fungicide
Production system	Rice- Wheat
Source of technology	TNAU , Coimbatour
Total Cost	8000
Observation to be recorded	**Technical** • Disease incidence (%) • Disease Severity (%) • No. of spikelet affected/m^2 • Percentage of false smut disease reduction **Economic** Market Price • Cost of cultivation (Rs./ha) • Gross return (Rs/ha) • Net return (Rs/ha) • B: C ratio(BCR) • Incremental Cost Benefit Ratio (ICBR) **Social** • Adoption Rate • Flexibility of technology • Risk Involved • Suitability of Technology

OFT-3

Particulars	Contents
Title	Management of weed in Wheat.
Problem diagnosed	Wheat is main *rabi* crop of Basti district, Productivity wheat is 35.57 q/ha. Respectively. *Phaleris minor* is major weed that reduces up to 35% yield of wheat in district. For management of that farmers apply herbicide having similar mode of action that increases risk of herbicide tolerance.
Micro farming situation	• Mid land and Low land • Irrigated sandy loam, loam • Timely sown • Rice-wheat cropping system
Details of technology identified for solution	• Sulfosulfuron 75% WG 33.75 gm/ha(PoE) (F.P.) • Pyroxasulfone 85% WG 212.5 gm/ha (PE) (R.P.)
No. of farmers	05
Area(ha)	2.0
Critical inputs	Herbicide
Production system	Rice-Wheat
Source of technology	PAU , Ludhiyana
Total Cost	5000
Observation to be recorded	**Technical** • No. of tillers/ plant • Weed population/m^2 • No. of grains / Spike • Days of maturity • Test weight • Avg. yield/ha. **Economic** • Cost of cultivation (Rs./ha) • Gross return (Rs/ha) • Net return (Rs/ha) • B: C ratio(BCR) • Incremental Cost Benefit Ratio (IICBR) **Social** • Suitability • Acceptability • Chapatti Quality

OFT-4

Particulars	Contents
Title	In situ management of crop residue of rice in R-W cropping system.
Problem diagnosed	Low yield of wheat due to poor degradation of rice residue available in field after combine harvesting and mobilization of nitrogen to soil micro flora for the degradation of residue, resulted in poor growth of wheat crop in early stages.
Micro farming situation	Up land, Irrigated, Timely sown, Rice-wheat cropping system
Name of Intervention	Super seeder technology with use of 45 kg Nitrogen before sowing of Wheat.
Details of technology identified for solution	**T_1-** Application of nitrogen through DAP (120 kg/ha) at the time of sowing by super seeder (FP) **T_2-** Application of 45 kg N/ha before sowing of wheat.
No. of farmers	05
Area(ha)	1000x5= 5000 sq.m.
Critical inputs	Seed
Production system	Rice - Wheat
Source of technology	ANDUAT, Ayodhya
Observation to be recorded	**(A)Technical** 1. Organic C % (before and after) 2. Nutrient status (NPK) 3. No. effective tillers per m length 4. No. of irrigation saving 5. Visual effect (Color of leaves) **(B)Economic** • Yield (q/ha) (2x5 sq.m.) • Cost of cultivation (Rs/ha) • Gross return (Rs/ha) • Net return (Rs/ha) • B: C ratio(BCR) • Incremental Cost Benefit Ratio (IICBR) **(C)Social** • Adoption Rate • Flexibility of technology • Risk Involved • Suitability of Technology

OFT-5

Particulars	Contents
Title	Management of Top Borer in Sugarcane.
Problem diagnosed	Sugarcane is major cash crop of district having area of 45496 ha. and average yield of 644.8 q/ha. Infestation of Top Borer is major cause that reduces yield of Sugarcane crop.
Micro farming situation	Loam & Irrigated
Details of technology identified for solution	T1- Chlorantranilliprole 18.5% SC @ 375ml/ha (F.P.) T2- Use of Pheromone trap @ 15/ha+ *Tricogramma sp.* @ 50000/ha 2-3 times at 10 Days interval + T1(R.P.)
No. of farmers	05
Area(ha)	5x1000= 5000 sq.m
Critical inputs	Insecticide
Production system	Rice – Wheat-Sugarcane
Source of technology	IISR Lucknow
Total Cost (Rs.)	5000
Observation to be recorded	**Technical** • Infestation Percentage • Reduction Percentage • Insect Severity / Sq.m • Yield(qt/ha) **Economic** • Cost of cultivation (Rs./ha) • Gross return (Rs/ha) • Net return (Rs/ha) • B: C ratio **Social** • Suitability • Acceptability

OFT-6

Particulars	Contents
Title	Management of Pod Borer in Pigeon Pea.
Problem diagnosed	Area of Pigeon pea is 7313 ha and productivity is 5.9 q/ha, Pod borer play major role in decrease in yield of Pigeon Pea that affect more than 1200 ha area where cause 42% reduction in yield.
Micro farming situation	• Mid land and Low land • Irrigated • Timely sown
Details of technology identified for solution	• T1- Chloropyriphos 50% +Cypermethrin 5% EC@ 1.25 lit/ha. (FP) • T2- Flubendiamide 480SC (39.35% w/w) @125ml/ha at Flowring stage & Pod maturation Stage- Emectin Benzoate 3%+ Thimethoxam 12% WG @100 gm/ha at pod maturation Stage (R.P.)
No. of farmers	05
Area(ha)	5x1000 =5000 sq.m
Critical inputs	Insecticide
Production system	Rice - Wheat
Source of technology	IIPR Kanpur
Total Cost (Rs.)	5000
Observation to be recorded	**Technical** • Insect Severity/Sqm • Pod damage/plant • Grain damage/Plant • Yield(qt/ha) **Economic** • Cost of cultivation (Rs./ha) • Gross return (Rs/ha) • Net return (Rs/ha) • B: C ratio **Social** • Suitability • Acceptability

OFT-7

Particulars	Contents
Title	Management of Late blight disease in Potato.
Problem diagnosed	Basti district has 4387 ha. Area out of which 24% area have problem of late blight disease, major cause of occurrence is delay in sowing time and inappropriate disease management the causes low yield of potato.
Micro farming situation	Irrigated, Sandy loam, loam
Details of technology identified for solution	T_1= Mancozeb 63% WP+Carbendazim 12% WP mixture@1.5kg/ha (F.P.) T_2= Ist spray of Cymoxaynil 8%+Mancozeb 64%WP mixture@ 1.5kg/ha and after 10 days 2nd spray of Metalaxyll 8%+Mancozeb 64%WP mixture@1.5 kg/ha (R.P.)
No. of farmers	05
Replication	05
Area(ha)	1000x5=5000 sq.m
Critical inputs	Fungicide
Production system	Rice- Potato- Wheat
Source of technology	CPRI -Meerut
Total Cost	7000
Observation to be recorded	**Technical** • Infestation Percentage • Reduction Percentage • Disease Severity % • Yield(qt/ha**)** **Economic** • Cost of cultivation (Rs./ha) • Gross return (Rs/ha) • Net return (Rs/ha) • B: C ratio **Social** • Suitability • Acceptability

OFT-8

Particulars	Contents
Title	Infertility management in Buffalo.
Problem diagnosed	Low milk production, Anoestrus and Repeat breeding in buffaloes due to imbalance feeding
Thematic Area	Nutrition management
Details of technology identified for solution	T-1 Traditional dairy farming (use either chuni or chokar) T-2 – Supplementation of balance ration, trace mineral mixture and multi vitamin (Vit. E 1000 IU) Balance ration @ 1.0 Kg for 3.0 Kg mil Mineral Mixture @ 50 gm/Animal/day
No. of farmers	10
Replications	10
Critical inputs	Trace mineral mixture and multi vitamin (Vit. E 1000 IU)
Source of technology	NDRI, Karnal
Period of Observation	90 days
Total Cost	6000
Observation to be recorded	**Technical** • Milk yield (Lit./day/animal) • Conception rate • Service per conception • No of insemination per conception • BCS (1-6 scale) • No of months per calving. **Economic** • Cost of Production (Rs/day/animal) • Gross Return (Rs/day/animal) • Net Return (Rs/day/animal) • B:C ratio **Social** • Feasibility of technology • Acceptability by the farmers

OFT-9

Title	:	Effect of water and soil probiotics on water quality of fish ponds
Problem Diagnosed	:	Low production of fish due to unmanaged water and soil quality
Farmers Practice	:	T_1 Using only lime and cow dung
Details of Technology selected and refinement	:	T2 – Use of water and soil probiotics @ 1.25 kg/ha of pond followed by cifex
Source of technology	:	ICAR CIFE, Mumbai
No. of ponds and farmers	:	5
Critical input	:	Water and soil probiotics
Performance indicators		
Technical	:	Depth of water, water and soil quality, Concentration of zoo and phytoplankton
Economical	:	Returns against Investment, cost of critical input, B:C ratio
Farmers reaction	:	Feasibility of technology; Acceptability by the farmers

OFT-10

Particulars	Contents
Title	Assessment of effect of Ragi based home made baby food (weaning food) on Child health & development .
Problem diagnosed	Poor nutrition of infants in poor farm families. High price of company made weaning food. No value addition of wheat and Ragi millet.
Major Cause	Unaware about use of millets in daily diet
Details of technology identified for solution	T_1: No use of weaning food or Use of company made weaning food (F.P.) $T_{2:}$ – Use of homemade wheat+ Ragi (millet) based nutritive baby food (weaning food) - (Sprouted Wheat, Sprouted moong, Ragi millet, jagary, ghee) (R.P.)
Production System	Orchard
Thematic Area	Value addition
No. of Infants	05 Child (1 to 1.5 year)
Critical inputs	Wheat + Ragi
Source of technology	CIPHET, Ludhiana
Total Cost	-
Observation to be recorded	**Technical** • Weight gain (kg) • Height (cm) • Percentage Weight gain • Percentage height gain **Economic** • Per kg cost of homemade nutritive baby food. • Profitability of homemade nutritive baby food. **Social** • Availability of material • Acceptability

3.2 Front line Demonstrations

A. Details of FLDs to be organized (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds and pulses commercial crops**.)

3.2.1. CFLD on Oilseeds and pulses

Sl. No.	Crop/ variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demonstration	Parameters identified Yield/Profit/Other technological parameters
1.	Seasmum (GJT-05/RT351)	Varietal Evaluation	Improved Variety+ Micronutrient	Seed+ Sulphar	Kharif,2024	20	50	• Capsule/plant • Length of capsule(cm) • Seed/capsule • Weight of 1000 seeds • Yield(qt/ha), Net return, B:C ratio
2.	Mustard (PPS-01)	Varietal Evaluation	Improved Variety + Micronutrient	Seed+ Sulphur	Rabi 2024-25	20	50	• Siliqua /plant • Siliqua length (cm) • Number of seed /siliqua • Wt. of 1000 seeds • Yield(qt/ha) • Yield, Profit, B:C ratio
3.	Pegion pea (NA-2)	Varietal Evaluation	Improved Variety + indoxacarb	Seed +insecticide	Kharif- 2024	10	25	•Number of primary branches plant-1 •Number of secondary branches plant-1 •Pods plant-1 •Seeds pod-1 •100- seed • weight (g) •Seed yield (q ha-1)
4.	Lentil- (IPL-315)	Varietal Evaluation +Seed treatment	Improved Variety + seed treatment- Thiram+chlorpyriphos	Seed+ Seed Treatment	Rabi 2024-25	10	25	•Pods/Plant •Seeds/Pod •Test weight (g) •Seed yield (qt./h)

3.2.2 FLD on Cereal crop

Sl. No.	Crop/ variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demonstration	Parameters identified Yield/Profit/Other technological parameters
1.	Paddy (Narendra 2065)	Varietal Evaluation Insect mgmt.	HYV+ Bispyribag	Seed + weedicide+Bacteria	Kharif -2024	10	25	•Days taken to maturity • No ofPanicle/m2 • No of fertile grain /panicle • Yield(q/h) • Net return • B:C ratio
2.	Wheat (DBW-187	RCT	Resource conservation through Super seeder	Seed + weedicide	Rabi -2024-25	10	25	• Number of spike/m2 • Grain/spike • Test weight • Yield(q/h) • Net return • B:C ratio
3.	Wheat (DBW-187)	Varietal Evaluation+ clodinopopprogryl+ metsulfuron methyle	HYV + weed control	Seed + weedicide	Rabi -2024-25	15	35	

3.2.3 Horticultural Crop

Sl. No.	Crop/ variety	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demonstration	Parameters identified Yield/Profit/Other technological parameters
1.	Cow Pea/Kashi Gauri, Kashi Kanchan	Varietal Seed Treatment	HYV+ Rhizobium	Seed + Bio fertilizer	Zaid - 2024	2	20	•Plant height •Pods/plat •Yield(q/h) •Net return • B:C ratio
2.	Pointed gaurd (N-307)	Varietal	HYV +Bio fertilizer	Fine cutting	Zaid - 2025	2	10	•No. of fruits/plant •Yield(q/h) •Net return •B:C ratio
3.	Vegetable pea Azad Pea-3	Varietal	HYV	Seed	Kharif - 2025	2	10	•No. of pod/Plant •No of seed/pod •Yield(q/h) •Net return •B:C ratio

3.2.4 Plant Protection

1.	Wheat	IWM	Metsulfuron-methyl 20% WP+ Clodinofop-propargyl 15%WP	Metsulfuron-methyl 20% WP+Clodinofop-propargyl 15%WP	Rabi-2024-25	10	25	Yield ,Profit, BC ratio

3.2.5 Fodder crops

Sl. No.	Crop/ variety	Thematic area	Technology for demons.	Critical inputs	Season and year	Area (ha)	No. of farmers/ demonstration	Parameters identified Yield/Profit/Other technological parameters
1.	Napier /Hybrid JHN-06	Fodder production.	Introduction /Production of HYV of Napier	Root slip	Kharif-2024	2	10	• No. of cuttings • Weight of fodder • Yield(q/h) • Net return • B:C ratio
2.	Oat	Fodder production.	JHO-822	seed	Rabi-2024-25	1	10	• Yield(q/h) • Net return • B:C ratio

FLD on other Enterprises

Sl. No.	Crop/ variety	Thematic area	Technology for demons.	Critical inputs	Season and year	Area (ha)	No. of farmers/ demons	Parameters identified Yield/Profit/Other technological parameters
1	Seasonal vegetable	Nutritional Garden	HYV of vegetable	Veg. Seed/Sampling	2024-25	0.10	10	Yield ,Net Return, BC ratio

Sponsored Demonstration N.A.

Crop	Area (ha)	No. of farmers

B. Extension and Training activities under FLD

Sl. No.	Activity	No. of activities To be organize	Month	Number of Participants
1	Field days	7	Sept-Nov.	630
2	Farmers Training	12	Jan-Dec.	300
3	Media coverage	12	Jan-Dec.	-
4	Training for extension functionaries	03	Sept-Oct	75

C. Details of FLD on Farm Implement and machinery

(i) Farm Implements:

Enterprise	Implement/Crop	No. of farmers/Area	Critical input	Performance parameters / Indicators
Implements (RCT)	Super Seeder /wheat	25/10.0 ha	Seed +Implement	• Number of spike/m2 • Length of spike • Grain/spike • Test weight • Yield(q/h) • Net return • B:C ratio

(ii) Livestock Enterprises

Sl. No.	Enterprise	Thematic area	Technology for demo.	Critical inputs	No. of farmers/ demon.	Parameters identified Yield/Profit/Other technological parameters
1	Goatry	Up-gradation of Desi goat Breed	Barbary	Buck	05	No. of dose Breed improvement No. of kids born Mortality%
2	Poultry	To introduce dual purpose Breeds	Sonali	chicks	40	No. of eggs production/year 1 kg body weight gain (day)
3	Buffalo	Animal nutrition Management	Dewrming+ feeding of mineral mixture	Dewormer+ mineral mixture	50	Milk yield lt/day/animal Conceive%

(iii) Other Enterprises

Enterprise	Species	No. of farmers	Critical input	Performance parameters / Indicators
Vermi Compost	Eisenia feitda	5	Verms	Production,Profit,BC ratio
Mushroom production	White Button Mushroom	5	Spawn, Wheat Bran, Gypsum	Production, Profit ,BC ratio

3.3 Training (Including the sponsored and FLD training Programmes):

A) ON Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		M	F	Total	M	F	Total	
(A) FARMERS & FARM WOMEN								
I Crop Production								
Weed Management	2	34	6	40	7	3	10	50
Resource Conservation Technologies	1	15	5	20	3	2	5	25
Cropping Systems	1	17	0	17	6	2	8	25
Integrated Farming	1	16	2	18	5	2	7	25
Seed production	1	17	3	20	2	3	5	25
Production of organic inputs	1	16	2	18	5	2	7	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	13	6	19	5	1	6	25
Nursery raising	1	15	3	18	5	2	7	25
b) Fruits								
Training and Pruning	1	13	2	15	8	2	10	25
Layout and Management of Orchards	1	14	4	18	5	2	7	25
Cultivation of Fruit	1	15	2	17	5	3	8	25
Management of young plants/orchards	1	13	3	16	7	2	9	25
Rejuvenation of old orchards	1	14	3	17	5	3	8	25
c) Tuber crops								
Production and Management technology	1	15	2	17	6	2	8	25
d) Spices								
Production and Management technology	1	14	3	17	5	3	8	25
III Soil Health and Fertility Management								
Soil fertility management	1	12	5	17	6	2	8	25
Integrated Nutrient Management	1	15	2	17	7	1	8	25
Production and use of organic inputs	1	13	3	16	6	3	9	25
Soil and Water Testing	1	13	5	18	3	4	7	25
IV Livestock Production and Management								
Dairy Management	1	20	3	23	1	1	2	25
Poultry Management	1	13	2	15	8	2	10	25
Rabbit Management/goat	1	14	3	17	6	2	8	25
Disease Management	1	15	2	17	5	3	8	25
Feed management	1	15	3	18	4	3	7	25
Production of quality animal products	1	16	2	18	5	2	7	25
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	16	16	0	9	9	25
Design and development of low/minimum cost diet	1	0	13	13	0	12	12	25
Gender mainstreaming through SHGs	1	0	18	18	0	7	7	25
Storage loss minimization techniques	1	0	17	17	0	8	8	25
Value addition	1	0	17	17	0	8	8	25
Income generation activities for empowerment of rural Women	1	0	16	16	0	9	9	25
Women and child care	1	0	16	16	0	9	9	25

VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	1	17	2	19	4	2	6	25
Production of small tools and implements	1	16	3	19	4	2	6	25
Repair and maintenance of farm machinery and implements	1	16	3	19	4	2	6	25
Small scale processing and value addition	1	15	3	18	5	32	7	25
VII Plant Protection								
Integrated Pest Management	3	50	12	62	8	5	13	75
Integrated Disease Management	3	46	4	50	22	3	25	75
Bio-control of pests and diseases	2	34	4	38	9	3	12	50
Production of bio control agents and bio pesticides	2	24	7	31	13	6	19	50
VIII Fisheries								
Integrated fish farming	1	18	4	22	4	1	5	27
Composite fish culture	1	19	2	21	3	1	4	25
IX Production of Inputs at site								
Seed Production	1	13	6	19	4	2	6	25
Planting material production	1	14	5	19	5	1	6	25
Vermi-compost production	1	16	4	20	3	2	5	25
X Capacity Building and Group Dynamics								
TOTAL	**52**	**685**	**248**	**933**	**218**	**181**	**399**	**1332**
(B) RURAL YOUTH								
Mushroom Production	2	27	10	37	11	2	13	50
Bee-keeping	2	28	11	39	7	4	11	50
Seed production	1	12	5	17	6	2	8	25
Production of organic inputs	0	0	0	0	0	0	0	0
Vermi-culture	1	16	3	19	4	2	6	25
Repair and maintenance of farm machinery and implements	1	15	3	18	5	2	7	25
Nursery Management of Horticulture crops	1	15	3	18	5	2	7	25
Training and pruning of orchards	1	14	3	17	5	3	8	25
Value addition	1	0	18	18	0	7	7	25
Dairying	1	14	3	17	6	2	8	25
Sheep and goat rearing	1	13	3	16	6	3	9	25
Poultry production	1	14	3	17	5	3	8	25
TOTAL	**13**	**168**	**65**	**233**	**60**	**32**	**92**	**325**
(C) EXTENSION PERSONNEL								
Productivity enhancement in field crops	1	18	0	18	7	0	7	25
Integrated Pest Management	1	17	0	17	8	0	8	25
Rejuvenation of old orchards	0	0	0	0	0	0	0	0
Formation and Management of SHGs	1	0	16	16	0	9	9	25
Management in farm animals	1	13	3	16	6	3	9	25
TOTAL	4	48	19	67	21	12	33	100
GRAND TOTAL	**69**	**901**	**332**	**1233**	**299**	**225**	**524**	**1757**

B. OFF Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	1	14	7	21	3	1	4	25
Cropping Systems	1	15	6	21	3	1	4	25
Integrated Farming	1	14	6	20	3	2	5	25
Water management	1	14	7	21	3	1	4	25
Seed production	2	38	5	43	4	3	7	50
Integrated nutrient Management	1	14	3	17	6	2	8	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	1	14	3	17	6	2	8	25
Nursery raising	1	14	3	17	4	4	8	25
Training and Pruning	1	15	5	20	3	2	5	25
Cultivation of Fruit	1	14	3	17	5	3	8	25
Rejuvenation of old orchards	1	13	5	18	5	2	7	25
Nursery Management	1	14	3	17	6	2	8	25
III Soil Health and Fertility Management								
Soil fertility management	1	15	3	18	5	2	7	25
Integrated Nutrient Management	1	13	4	17	6	2	8	25
Production and use of organic inputs	1	14	3	17	6	2	8	25
Soil and Water Testing	1	14	6	20	3	2	5	25
IV Livestock Production and Management								
Dairy Management	2	26	11	37	9	4	13	50
Poultry Management	2	36	4	40	6	4	10	50
Disease Management	2	36	4	40	6	4	10	50
Feed management	2	26	11	37	9	4	13	50
Production of quality animal products	0	0	0	0	0	0	0	0
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	1	0	16	16	0	9	9	25
Design and development of low/minimum cost diet	1	0	16	16	0	9	9	25
Gender mainstreaming through SHGs	1	0	18	18	0	7	7	25
Value addition	2	0	32	32	0	18	18	50
Income generation activities for empowerment of rural Women	1	0	18	18	0	7	7	25
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	1	17	4	21	4	0	4	25

Repair and maintenance of farm machinery and implements	3	44	11	55	13	7	20	75
Small scale processing and value addition	1	15	3	18	4	3	7	25
Post Harvest Technology	0	0	0	0	0	0	0	0
Integrated Pest Management	3	42	8	50	18	7	25	75
Integrated Disease Management	3	44	6	50	21	4	25	75
Bio-control of pests and diseases	3	42	5	47	25	3	28	75
Production of bio control agents and bio pesticides	1	13	3	16	6	3	9	25
VIII Fisheries								
Integrated fish farming	1	20	3	23	2	1	3	26
Composite fish culture	1	19	4	23	4	1	5	28
IX Production of Inputs at site								
Bio-agents production	1	13	5	18	5	2	7	25
Bio-pesticides production	1	14	3	17	6	2	8	25
Vermi-compost production	1	15	3	18	5	2	7	25
Production of Bee-colonies and wax sheets	1	13	3	16	7	2	9	25
TOTAL	**52**	**684**	**263**	**947**	**221**	**136**	**357**	**1304**
(B) RURAL YOUTH								
Mushroom Production	2	32	8	40	6	4	10	50
Bee-keeping	2	33	9	42	6	4	10	50
Seed production	1	13	5	18	5	2	7	25
Repair and maintenance of farm machinery and implements	1	16	2	18	5	2	7	25
Nursery Management of Horticulture crops	1	14	3	17	6	2	8	25
Training and pruning of orchards	1	13	3	16	7	2	9	25
Value addition	1	0	17	17	0	8	8	25
Dairying	1	18	2	20	3	2	5	25
Sheep and goat rearing	1	18	2	20	3	2	5	25
Poultry production	1	18	2	20	3	2	5	25
TOTAL	**12**	**175**	**53**	**228**	**44**	**30**	**74**	**300**
(C) Extension Personnel								
Productivity enhancement in field crops	1	14	2	16	7	2	9	25
Integrated Pest Management	1	19	0	19	6	0	6	25
Rejuvenation of old orchards	1	16	3	19	5	1	6	25
Formation and Management of SHGs	1	0	20	20	0	5	5	25
Care and maintenance of farm machinery and implements	1	14	3	17	6	2	8	25
Livestock feed and fodder production	1	18	2	20	3	2	5	25
TOTAL	**6**	**81**	**30**	**111**	**27**	**12**	**39**	**150**
Grand Total	**36**	**576**	**144**	**720**	**140**	**40**	**180**	**900**

C) Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	3	48	13	61	10	4	14	75
Resource Conservation Technologies	1	15	5	20	3	2	5	25
Cropping Systems	2	32	6	38	9	3	12	50
Integrated Farming	2	30	8	38	8	4	12	50
Water management	1	14	7	21	3	1	4	25
Seed production	3	55	8	63	6	6	12	75
Integrated Crop Management	1	14	3	17	6	2	8	25
Production of organic inputs	1	16	2	18	5	2	7	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	2	27	9	36	11	3	14	50
Nursery raising	2	29	6	35	9	6	15	50
b) Fruits								
Training and Pruning	2	28	7	35	11	4	15	50
Layout and Management of Orchards	1	14	4	18	5	2	7	25
Cultivation of Fruit	2	29	5	34	10	6	16	50
Management of young plants/orchards	1	13	3	16	7	2	9	25
Rejuvenation of old orchards	2	27	8	35	10	5	15	50
c) Ornamental Plants								
Nursery Management	1	14	3	17	6	2	8	25
Production and Management technology	1	15	2	17	6	2	8	25
d) Spices								
Production and Management technology	1	14	3	17	5	3	8	25
III Soil Health and Fertility Management								
Soil fertility management	2	27	8	35	11	4	15	50
Integrated Nutrient Management	2	28	6	34	13	3	16	50
Production and use of organic inputs	2	27	6	33	12	5	17	50
Soil and Water Testing	2	27	11	38	6	6	12	50
IV Livestock Production and Management								
Dairy Management	3	46	14	60	10	5	15	75
Poultry Management	3	49	6	55	14	6	20	75
Rabbit Management/goat	1	14	3	17	6	2	8	25
Disease Management	3	51	6	57	11	7	18	75
Feed management	3	41	14	55	13	7	20	75
Production of quality animal products	1	16	2	18	5	2	7	25

V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening	2	0	32	32	0	18	18	50
Design and development of low/minimum cost diet	2	0	29	29	0	21	21	50
Designing and development for high nutrient efficiency diet	2	0	36	36	0	14	14	50
Gender mainstreaming through SHGs								
Storage loss minimization techniques	1	0	17	17	0	8	8	25
Value addition	3	0	49	49	0	26	26	75
Income generation activities for empowerment of rural Women	2	0	34	34	0	16	16	50
Women and child care	1	0	16	16	0	9	9	25
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems	2	34	6	40	8	2	10	50
Production of small tools and implements	1	16	3	19	4	2	6	25
Repair and maintenance of farm machinery and implements	4	60	14	74	17	9	26	100
Small scale processing and value addition	2	30	6	36	9	35	14	50
VII Plant Protection								
Integrated Pest Management	6	92	20	112	26	12	38	150
Integrated Disease Management	6	90	10	100	43	7	50	150
Bio-control of pests and diseases	5	76	9	85	34	6	40	125
Production of bio control agents and bio pesticides	3	37	10	47	19	9	28	75
VIII Fisheries								
Integrated fish farming	2	38	7	45	6	2	8	53
Composite fish culture	2	38	6	44	7	2	9	53
IX Production of Inputs at site								
Seed Production	1	13	6	19	4	2	6	25
Planting material production	1	14	5	19	5	1	6	25
Bio-agents production	1	13	5	18	5	2	7	25
Bio-pesticides production	1	14	3	17	6	2	8	25
Vermi-compost production	2	31	7	38	8	4	12	50
Production of Bee-colonies and wax sheets	1	13	3	16	7	2	9	25
TOTAL	**70**	**1125**	**275**	**1400**	**250**	**100**	**350**	**1750**
(B) RURAL YOUTH								
Mushroom Production	2	25	10	35	11	4	15	50
Bee-keeping	2	25	10	35	11	4	15	50
Seed production	1	13	3	16	7	2	9	25
Vermi-culture	1	16	3	19	4	2	6	25
Repair and maintenance of farm machinery and implements	1	14	3	17	6	2	8	25
Nursery Management of Horticulture crops	1	16	3	19	4	2	6	25
Training and pruning of orchards								
Value addition	1	0	20	20	0	5	5	25
Dairying	1	16	3	19	4	2	6	25

Sheep and goat rearing	1	13	3	16	7	2	9	25
Poultry production	1	14	3	17	6	2	8	25
TOTAL	**12**	**152**	**61**	**213**	**60**	**27**	**87**	**300**
(C) Extension Personnel								
Productivity enhancement in field crops	1	13	3	16	6	3	9	25
Integrated Pest Management	1	18	2	20	3	2	5	25
Rejuvenation of old orchards	1	16	3	19	5	1	6	25
Protected cultivation technology								
Formation and Management of SHGs	1	0	19	19	0	6	6	25
Care and maintenance of farm machinery and implements	1	14	3	17	6	2	8	25
WTO and IPR issues								
Management in farm animals	1	13	3	16	6	3	9	25
Livestock feed and fodder production	1	18	2	20	3	2	5	25
TOTAL	**7**	**92**	**35**	**127**	**29**	**19**	**48**	**175**
Grand Total	**100**	**1552**	**288**	**1840**	**590**	**70**	**660**	**2500**

3.4. Extension Activities (including activities of FLD Programme)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	10	320	95	415	24	11	35	344	106	**450**
Kisan Ghosthi	10	4450	280	4730	250	20	270	4700	300	**5000**
Kisan Mela	2	4100	300	4400	85	15	100	4185	315	**4500**
Film Show	1	330	80	410	80	10	90	410	90	**500**
Method Demonstrations	4	65	18	83	12	5	17	77	23	**100**
Group meetings	10	400	60	460	30	10	40	430	70	**500**
Newspaper coverage	20	-	-	-	-	-	-	-	-	**All readers**
Radio talks	10	-	-	-	-	-	-	-	-	**All listeners**
TV talks	10	-	-	-	-	-	-	-	-	**All viewer**
Popular articles	30	-	-	-	-	-	-	-	-	**All progressive farmers**
Advisory Services	20	650	150	800	150	50	200	800	200	**1000**
Scientific visit to farmers field	50	380	50	430	50	20	70	430	70	**500**
Farmers visit to KVK	210	850	150	1000	200	50	250	1050	200	**1250**
Self Help Group Conveners meetings	5	140	60	200	60	40	100	200	100	**300**
Animal health /vaccination camp	6	250	50	300	100	15	115	350	65	**415**
Soil Health day	2	300	50	350	20	5	25	320	55	**375**
Total	**18/400**	**7795**	**5513**	**9128**	**5541**	**481**	**1062**	**8866**	**5994**	**20000**

Special Day Organized – 10

3.5 Target for Production and supply of Technological products (Jan 2024 to Dec. 2024)

Seed Production:

Sl. No	Crop	Variety*	Qty targeted (q)	Season
A	**Cereals**			
1	Wheat	HD-2967,DBW-17,CBW-39 HD-3086, DBW-187,DBW-252,DBW-222, DBW-303	400	Rabi
2	Paddy	Pusa Narendra KN-1	40	Kharif
B	**Oil seeds**			
1	Til	Pragati	10	Kharif
C	**Pulses**			
1	Urd	IPU-239	10	Kharif
2	Arhar	IPA-203	05	Kharif
D	**Fruit Plant**			
1	Mango, Anola, Papaya, lichi,lemon,guvava	**Mango-** Dashari, Amrapali, Gaurjeet, Tomy at kins, Pusa-Arunima, Sansheshan, Pusa – Pratibha, Pusa-Lalima, Gulab Khas Aonla- Narendra **Aonla** -7,10 **Papaya**- Pusa Nanha, Honey Due **Litchi-** Sahi & Gandki **Lemon**- Pusa Abinaw, Pusa Udit, Pusa rasraj	20000	-
E	**Vegetables**			
1	Tomato	NDT-3,Avinash -2	10000 seedling	Rabi
2	Brinjal	NDBJ-1, Kashi Sandesh	10000 seedling	Rabi
3	Chilli	Kashi Anmol	10000 seedling	Rabi
F	**Fodder Crops**			
1	Hybrid Napier	Hybrid Napier-1	10000 Slips	Rabi
2	Oat	JHO-822	5	Rabi

3.6 Literature to be Developed/Published

KVK News Letter

Date of start : Jan 2006

Number of copies to be published : 500 annual

(A) Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	05
2	Technical reports	07
3	News letters	05
4	Training manual all discipline	10
5	Popular article	20
6	Extension literature	5
	Total	**52**

(B) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	CD	Use of Computer in Agriculture field for mushroom production	5

3.7. NA

3.8 Indicate the specific training need analysis tools/methodology followed for Practicing Farmers

a) SURVEY
b) PERSONAL CONTACT
c) GROUP DISCUSSION

Rural Youth

a) SURVEY
b) PERSONAL CONTACT
c) GROUP DISCUSSION

In-service personnel

a) PERSONAL CONTACT
b) GROUP DISCUSSION

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT :

PRA
ii) Problem identified from Matrix
iii) Field level observations
iv) Farmer group discussions
v) Others if any

For FLD :

i) New variety/technology
ii) Poor yield at farmers level
iii) Existing cropping system
iv) Others if any

3.10 Field activities

i. Name of villages identified/adopted with block name (from which year) -
ii. No. of farm families selected per village :
iii. No. of survey/PRA conducted :
iv. No. of technologies taken to the adopted villages
v. Name of the technologies found suitable by the farmers of the adopted villages:

vi. Impact (production, income, employment, area/technological– horizontal/vertical)
vii. Constraints if any in the continued application of these improved technologies

4.1 Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. Year of establishment : 2004

2. List of equipments purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1			

4.2 Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	1000	3000	100	
Water				
Plant				
Total	**1000**	**3000**	**100**	

4.3 LINKAGES

4.4 Functional linkage with different organizations

Name of organization	Nature of linkage
➢ Agriculture	Input ,Training ,Field day etc
➢ Horticulture	Input ,Training ,Field day etc
➢ Animal husbandry	Training demonstration etc
➢ IFFCO ,KRIBHCO,NFL ,NGOs,etc	Training ,Input etc
➢ Line Deptt. of District	Training ,Input etc
➢ Agriculture universities and ICAR Institutes	Training, technology and Input etc

4.5 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No Yes

S. No.	Programme	Nature of linkage
1.	Training programme	Training ,Demonstration etc
2.	AES (Agro-Ecological situation)	YES
3.	Front line Demonstration (FLD)	YES

4.6 Give details of programmes under National Horticultural Mission NA….

4.7 Nature of linkage with National Fisheries Development Board NA…

4.8 Utilization of hostel facilities

S. No.	Programme	No. of days
1	**10**	**56**
	Total	**56**

5.0 Convergence with departments:

6.0 Feedback of the farmers about the technologies demonstrated and assessed:

7.0 Feedback from the KVK Scientists (Subject wise) to the research institutes /universities:

Annexure -I

Details of training programmes (January to December, 2024)

(1) Farmers & Farm women

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST			Grand Total
					Male	Female	Total	Male	Female	Total	
03-04/01/24	PF	Weed mgmt. technique in late sown wheat	1(2)	On	15	6	21	2	2	4	25
07-08/02/24	-do-	Intercropping technique of urd and moong with spring planted sugarcane	1(2)	off	15	6	21	3	1	4	25
07-08/03/24	-do-	Sugarcane plantation technique	1(2)	off	17	4	21	3	1	4	25
06-07/04/24	-do-	Intercropping technique in sugarcane (Lobia + Sugarcane)	1(2)	On	16	5	21	3	1	4	25
11-12/05/24	-do-	Cultivation techniques of rice	1(2)	off	14	7	21	3	1	4	25
19-20/05/24	-do-	Seed production of rice	1(2)	On	16	2	18	5	2	7	25
07-08/06/24	-do-	Weed management technique in rice	1(2)	On	18	1	19	5	1	6	25
14-15/06/24	-do-	Transplanting of rice through SRI	1(2)	On	17	4	21	3	1	4	25
21-22/06/24	-do-	Integrated plant nutrient management in scented rice	1(2)	off	16	5	21	3	1	4	25
05-06/07/24	-do-	Intigrated Crop manegment in Paddy	1(2)	On	17	3	20	4	1	5	25
12-13/08/24	-do-	Weed management techniques in Pulse Crop in Kharif .	1(2)	off	15	6	21	3	1	4	25
07-08/09/24	-do-	sowing of wheat through ZT machine	2(2)	off	17	4	21	3	1	4	25
06-07/10/24	-do-	Intercropping technique in autum sugarcane (potato+sugarcane)	1(2)	Off	14	7	21	3	1	4	25
09-10/11/24	-do-	Weed management techniques in wheat	1(2)	On	19	1	20	4	1	5	25

14-15/12/24	-do-	Weed management techniques in wheat	1(2)	off	14	7	21	3	1	4	25
05-06/01/24	-do-	Layout plan of fruit vegetable nursery	1(2)	On	14	5	19	3	3	6	25
21-22/01/24	-do-	Nursery and production of plantation crop	1(2)	off	16	4	20	5	-	5	25
08-09/02/24	-do-	Production tech. of tuber crop	1(2)	on	17	2	19	5	1	6	25
15-16/03/24	-do-	Nursery raising of kharif vegetable	1(2)	off	16	3	19	5	1	6	25
22-23 /04/24	-do-	Production tec. Of meditational plant	1(2)	on	17	2	19	2	-	2	21
11-12/05/24	-do-	Nursery raising technique of kharif Onion	1(2)	Off	19	1	20	3	2	5	25
17-18/06/24	-do-	Nursery rising technique of Rabi Vegetable	1(2)	On	16	4	20	3	2	5	25
14-15/07/24	-do-	Nursery raising technique of kharif Onion	1(2)	On	19	1	20	3	2	5	25
16-17/08/24	-do-	Seed production Arvi	1(2)	On	17	3	20	3	2	5	25
07-08/09/24	-do-	Nursery rising technique of Rabi Vegetable	1(2)	On	16	4	20	3	2	5	25
15-16/11/24	-do-	Training and pruning technique of fruit plant	1(2)	On	17	3	20	3	2	5	25
14-15/12/24	-do-	Training and pruning technique of fruit plant	1(2)	Off	17	3	20	3	2	5	25
06-07 /01/ 24	-do-	Control of Alternaria blight in mustard	1(2)	on	13	2	15	4	1	5	25
21-22/01 /24	-do-	Insect pest management in Arhar	1(2)	off	16	2	18	6	1	7	25
03-04/02/24	-do-	Control major of pod borer (Helico verpa sp) in gram	1(2)	on	19	2	21	2	2	4	25
10-11/02/24	-do-	Control major of pod borer in gram	1(2)	off	18	3	21	3	1	4	25
15-16 /03/ 24	-do-	Control of grain storage Tech.	1(2)	off	16	3	19	4	2	6	25

07-08 /04/24	-do-	Technique of Grain Storage pest in Wheat	1(2)	on	17	4	21	2	2	4	25
10-11/05/ 24	-do-	Production of bio pesticide through locally available material	1(2)	on	18	2	20	3	2	5	25
15-16/06/24	-do-	Production of bio pesticides	1(2)	off	16	2	18	4	3	7	25
21-22 /06/ 24	-do-	Control of bacterial Leaf blight disease in rice	1(2)	on	17	4	21	3	1	4	25
13-14 /07/ 24	-do-	1. Control of top borer in sugarcane	1(2)	on	16	1	17	6	2	8	25
22-23/07/24	-do-	Insect pest management in paddy	1(2)	off	16	4	20	3	2	5	25
04-05/08/ 24	-do-	Control of insect in seasmum	1(2)	off	15	3	18	5	2	7	25
07-08/09/24	-do-	Control of Gundhi bug in paddy	1(2)	off	17	3	20	4	1	5	25
06-07 /10/24	-do-	Control of insect pest in pod borer	1(2)	off	16	2	18	5	2	7	25
21-22/10/24	-do-	seed treatment of Rabi seed with trichoderma	1(2)	on	15	4	19	4	2	6	25
02-03/11/24	-do-	seed treatment technique through Vitavax	1(2)	off	16	3	19	5	1	6	25
08-09/12/24	-do-	Control major of late blight in potato	1(2)	off	15	5	20	3	2	5	25
14-15 /12/ 24	-do-	Control of late blight disease in potato	1(2)	on	17	2	19	5	1	6	25
18-19/01/24	-do-	Broiler production and care of day old chicks	1(2)	on	15	5	20	3	2	5	25
07-08/02/24	-do-	Preparation of layer feed from poultry	1(2)	on	18	2	20	5	-	5	25
02-03/03/24	-do-	Control measure of swine fever	1(2)	on	15	5	20	5	-	5	25
06-07/04/24	-do-	Goat raising	1(2)	on	18	2	20	4	1	5	25
12-13/04/24	-do-	Control of ecto-endo parasites in milch animals	1(2)	off	15	5	20	4	1	5	25
05-06/05/24	-do-	Preparation of ration for	1(2)	on	15	5	20	3	2	5	25

		milch animal									
18-19/05/24	-do-	Feeding technique in poultry	1(2)	on	15	5	20	3	2	5	25
06-07/06/24	-do-	Vaccination technique in farm animals	1(2)	off	18	2	20	3	2	5	25
13-14/06/24	-do-	Identification of disease and vaccination in cattle	1(2)	on	18	2	20	3	2	5	25
12-13 /07 /24	-do-	Goat rearing	1(2)	off	18	2	20	4	1	5	25
16-17/08/24	-do-	Layout of cattle shed	1(2)	on	16	4	20	4	1	5	25
19-20/09 /24	-do-	Care of newly bron calf and colostrum feeding	1(2)	off	20	-	20	5	-	5	25
12-13 /10/ 24	-do-	Broiler production technique	1(2)	off	18	2	20	4	1	5	25
22-23/ 10/ 24	-do-	green fodder prduction	1(2)	off	20	-	20	5	-	5	25
15-16/11/24	-do-	Balance ration preparation for milch cattle	1(2)	on	18	2	20	5	-	5	25
12-13/12/24	-do-	Preparation of mineral mixture from locally available material	1(2)	on	16	4	20	4	1	5	25
10-11 /01/ 24	-do-	Preparation of Aonla Chavanprash.	1(2)	off	-	16	16	-	9	9	25
10-11/01/24	-do-	Preparation of Bael Murabba.	1(2)	on	-	20	20	-	5	5	25
08-09/2/24	-do-	Preparation of Stuffed red Chilly Pickel	1(2)	off	-	18	18	-	7	7	25
07-08/ 04 /24	-do-	Grain storage	1(2)	on	-	18	18	-	7	7	25
10-11/05/24	-do-	Value Addition in Lemon& Watermelon	1(2)	on	-	15	15	-	10	10	25
16-17/06/24	-do-	Value addition in Jackfruit &mango	1(2)	on	-	7	7	-	18	18	25
06-07/07/24	-do-	Drudgery Reduction Techniques in Paddy Transplanting .	1(2)	on	-	15	15	-	10	10	25
19-20.09/24	-do-	Vegetable nursery raising Techniques	1(2)	on	-	10	10	-	15	15	25

21-22/10/24	-do-	Minimization of nutrient losses during Cooking	1(2)	off	-	15	15	-	10	10	25
01-02/11/24	-do-	Value Addition sooran & ginger	1(2)	off	-	18	18	-	7	7	25
06-07/12/24	-do-	Preparation of Aonla Murabba.	1(2)	off	-	15	15	-	10	10	25
06-07/02/24	-do-	Maintenance of Diesel engine	1(2)	off	18	3	21	2	2	4	25
16-17/03/24	-do-	Maintenance of power Thresher	1(2)	off	19	2	21	2	2	4	25
12-13/04/24	-do-	Repair and maintenance of Speyer	1(2)	off	14	2	16	9	-	9	25
15-16/05/24	-do-	Maintenance and calibration of seed drill &zero till drill machine	1(2)	off	17	2	19	4	2	6	25
12-13/09/24	-do-	Use and maintenance of paddy thresher	1(2)	off	16	1	17	6	2	8	25
09-10/10/24	-do-	Maintenance of zero till drill machine	1(2)	off	19	2	21	2	2	4	25

(2) Vocational training programmes for Rural Youth

Date	Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			SC/ST participants			Grand Total
					M	F	Total	M	F	Total	
13-15.06.24	Rice	Seed production	Seed production techniques in rice	1(3)	17	4	21	3	1	4	25
04-06.10.24	Lentil	Seed production	Seed production technique in lentil	1(3)	14	8	22	2	1	3	25
02-04.11.24	Wheat	Seed production	Seed production technique in wheat	1(3)	16	5	21	3	1	4	25
04-05.07.24	Vegetable	Production of high value crop	Seed technique Kharif vegetable.	1(3)	18	2	20	4	1	5	25
06-07-24 to 06-8-24	Fruit &vegetable	Production of high value crop	Mali training	1(30)	8	-	8	2	-	2	10
12-14.09.24	Flower	Nursery raging	Nursery raging and Production of Flower Tech.	1(2)	17	1	18	5	2	7	25
09-11.10.24	Mango	Orchard management	High density Cultivation Tech. of mango	1(3)	16	5	21	2	2	4	25
18-20.12.24	fruit & veg. presentation	Value addition in aonla	Preparation technique of Aonla product	1(3)	16	5	21	2	2	4	25

18-20.09.24	Mushroom	Mushroom production	Button mushroom production Tech.	1(5)	17	3	20	4	1	5	25
09-11.10.24	Mushroom	Mushroom cultivation	Button Mushroom production Tech.	1(5)	18	2	20	4	1	5	25
02-04-03.24	Bee keeping	Bee keeping production	Bee keeping Tech.	1(5)	15	2	17	6	2	8	25
01-03.11.24	Mushroom	Mushroom cultivation	Milky Mushroom prod.	1(3)	17	3	20	05	-	05	25
11-13.04.24	Vermi composting	Production of site	Vermi compost technique.	1(3)	15	-	15	10	-	10	25
16-18.01.24	Dairy	Dairy management	Dairy farming Tech.	1(3)	18	2	20	3	2	5	25
21-23.02.24	Dairy	Dairy management	Scientific dairy farming Tech.	1(3)	15	5	20	5	-	5	25
10-12.09.24	Goat	Dairy	Dairy Prod.	1(3)	18	03	21	4	-	4	25
09-11.10.24	Poultry	Poultry management	Broiler production Tech.	1(3)	12	3	15	5	-	5	20

11-13.12.24	Poultry	Poultry management	Broiler production	1(3)	20	-	20	5	-	5	25
09-11.01.24	Preservation	Fruit &vegetable preservation	Preparation of Aonla, Candy&Murraba	1(3)	-	10	10	-	15	15	25
23-24-01-24	Preservation	Fruit &vegetable preservation	Value Addition in Bael and Tomato.	1(3)	-		13	-	12	12	25
08-10.08.24	Diesel engine	Repairer & mentenence of farm machinery &implement	Repairing of the diesel engine	1(3)	14	7	21	4	-	4	25
14-16.12.24	farm machinery	Repairer & mentenence of farm machinery &implement	Care and maintenance of Tractor and Diesel engine. Pump	1(3)	17	4	21	4	-	4	25

(3) Training programme for Extension Functionaries

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST			Grand Total
					Male	Female	Total	Male	Female	Total	
04-05.09.24	**Ext. Func.**	Production techniques of oilseed crops	1(2)	On	17	4	21	3	1	4	25
03-04.10.24	-do-	Production techniques of pulse crops	1(2)	On	17	4	21	3	1	4	25
14-15.12. 24	-do-	Rejuvanation of old orchard	1(2)	On	22	-	22	3	-	3	25
20-21.12.24	-do-	Rejuvanation of old orchard	1(2)	Off	22	-	22	3	-	3	25

19-20.01.24	-do-	Insect pest management in mango	1(2)	On	15	3	18	5	2	7	25
16-17.06.24	-do-	Integrated pest management in kharif crops	1(2)	On	15	-	15	10	-	10	25
07-08.02.24	-do-	Feeding of probiotics for enhancing the milk production	1(2)	On	20	-	20	5	-	5	25
05-06.10.24	-do-	Probiotic consumption of miniral mlixture	1(2)	On	20	-	20	5	-	5	25
08-09.06.24	-do-	Use and maintenance of power tiller	1(2)	Off	18	2	20	3	2	5	25
12-13/10/24	-do-	Maintenance & repair of farm implements	1(2)	On	18		18	5	2	7	25
21-22.12.24	-do-	Nutritional deficiency diseases	1(2)	Off	0	18	18	0	7	7	25

10. Doubling Farmers Income: (Action Plan of DFI 2024)

Summary of 02 Villages adapted by KVK -Basti

Name of the KVK	Name of Villages	Block & Tehsil of Village	Total Population of Village	No of Farmer Family in the Village	Distance of Village from KVK	Distance between both Villages
Basti	Bhelwal	Bahadurpur, Basti Sadar	2265	232	17 KM	29 KM
	Pariwarpur	Kaptanganj, Harriya	1380	105	12 KM	29 KM

Activities Planned for Village Bhelwal

A. Development of Self Help Group -05 (10-15 member)

B. Demonstration:

S.N.	Crop/Enterprises	Variety/Breed	Area (ha)/Units	No. of Farmers/Demonstration
1	Banana+ Intercropping of vegetable(Tomato)	G-9	0.5	05
2	Papaya Intercropping of vegetable(Cowpea)	Pusa Nanha	0.5	05
3	Paddy	NDR-2065	5.0	13
4	Wheat	HD-2967	5.0	13
5	Lentil	Pant P-1	2.0	10
6	Mustard	Pusa-30	5.0	25
7	Okra	VRO-06	1.0	10
8	Cow Pea	Kashi Kanchan	0.4	10

9	Chilli	Kashi Anmol	0.40	04
10	Pointed Guard	Narendra Parval-307	0.40	04
11	Vegetable Pea	Narendra Pea-05	1.0	10
12	Value addition in fruits(Aonla, Karonda, Ambearella fruit), Mango & Bael	-	5 unit	05
13	Establishment of Kitchen & Nutritional Garden (200 sq.m)	-	5 unit	05
14	Establishment of Mushroom Unit (10X10 feet)	Button Mushroom	5 unit	05
15	Breed improvement in goats	Barbari (Buck)	5 unit	05

C. Training Programme

S.N	Title	No. of course	Duration(days)	No. of Participants		
				Male	Female	Total
1	Production technology of cereal, Pulse, oil seed crops	1	2	17	9	26
2	value addition of fruits & vegetable	1	2	21	7	28
3	Training on mushroom Production	1	2	20	5	25
4	Training Programme on goat rearing	1	2	22	3	25
5	Training on poultry production	1	2	19	7	26
6	Training on Nutritional/ Kitchen garden	1	2	20	7	27
7	**Total**	**6**		**119**	**38**	**157**

D. Extension Activities:

S. No.	Name of Activity	No. of Activity	No. of Participants
1	Kissan Gosthi	2	80
2	Mela/Exhibition	1	150
3	Leaflet & folder	4	500 each
4	Field Visit	8	80
5	Exposure Visit	1	25

Activities Planned for Village- Pariwarpur

A. Development of Self Help Group -05 (10-12 member)

B. Demonstration :

S.N.	Crop/Enterprises	Variety/Breed	Area (ha)/Units	No. of Farmers/Demonstration
1	Banana+ Intercropping of vegetable(Tomato)	G-9	0.5	05
2	Papaya Intercropping of vegetable(Cowpea)	Pusa Nanha	0.5	05
3	Paddy	NDR-2065	4.0	10
4	Wheat	HD-3086	4.0	10
5	Lentil	Pant P-1	2.0	10
6	Mustard	Pusa-30	3.0	15
7	Okra	VRO-06	0.50	5
8	Cow Pea	Kashi Kanchan	0.40	10
9	Chilli	Kashi Anmol	0.40	04
10	Pointed Guard	Narendra parval-307	0.40	04
11	Vegetable Pea	Narendra Pea-05	0.5	5
12	Value addition in fruits(Aonla, Karonda, Ambearella fruit), Mango & Bael	-	4 unit	04
13	Establishment of Kitchen & Nutritional Garden (200 sq.m)	-	4 unit	04
14	Establishment of Mushroom Unit (10X10 feet)	Button Mushroom	4 unit	04
15	Breed improvement in goats	Barbari (Buck)	3 unit	03

C. Training Programme

S.N	Title	No. of course	Duration(days)	No. of Participants		
				Male	Female	Total
1	Production technique of cereal, Pulse oil, seed Crops	1	2	15	10	25
2	Training on poultry production	1	2	15	7	22
3	Training Programme on goat rearing	1	2	20	5	25
4	Training on Nutritional/ Kitchen garden	1	2	21	6	27
5	Training on mushroom Production	1	2	22	5	27
6	value addition of fruits & vegetable	1	2	21	5	26
7	**Total**	**6**		**114**	**38**	**152**

D. Extension Activities:

S. No.	Name of Activity	No. of Activity	No. of Participants
1	Kissan Gosthi	2	75
2	Mela/Exhibition	1	120
3	Field Visit	6	80
4	Exposure Visit	1	30
5	Leaflet & folder	3	400 each

11. Action Plan for Nutri-Sensitive Agriculture Resources and Innovations (NARI)

A)

Sl. No.	Activities planned	Topic
1.	Awarenes Programme- Gosthi	1. Awareness on Nutritional Sensitive Agricultural for farmer, farm women & rural youth
		2. Awareness on Nutritional gardening
		3. Role and Importance of Nutritious diet for human being

B) Training

S. No.	Title	No. of Participants
1	Value addition in Aonla & Mushroom	25
2	Care of neo natal and feeding practices for infants	25
3	Establishment of Nutritional garden	25
4	Importance of nutritional diet for human being	25

C) Bio- Fortification

- Fortification of locally available materials at village level for preparation of nutritional rich diet.
- Processing of fruit & vegetable .

D) Demonstration.

S.No.	Crop	Area(ha)	No. of Demo.
1	Kitchen gardening 200 sq.m	0.01	05
2	Vegetable(carrot,Bhindi, chilli,tomato, brinjal,corriander,spinach)	0.5	05

E) Nutrition Through demonstration.

S. No.	Demonstration	No. of Demonstration
1	Nutritional gardening 200 sq.m	20
2	Preparation of poshak laddu (jaggary+jeera seed+sonth+ghee)	10
3	Preparation of energy khichdi (crushed mix vege.(carrot, pea, leafy veg.+moong dal)	10

22. Major focus on soil testing and developing the soil health card : KVK, Basti has soil testing Lab and center is developing the soil health cards based on FLDs programme and other activities in following village.

S. No.	Name Of Village	Name of Block	No. Soil Sample	No. of Farmers Covered
1	Gokulpur	Duboulia	100	255
2	Dhaurahra	Bahadurpur	125	390
3	Kadsary	Bahadurpur	120	420
4	Kaudikol	Kaptanganj	150	410
5	Pokhra	Kaptanganj	125	300
6	Badawal	Harriya	150	445
7	Ramawapur Khurd	Kaptanganj	100	330
8	Kurha Patti	Bahadurpur	130	450
Total			**1000**	**3000**

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