KRISHI VIGYAN KENDRA

KHODAWANDPUR, BEGUSARAI – 848 202 (Bihar)

ANNUAL ACTION PLAN

1st January- 31st December 2026

DR. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY
PUSA, SAMASTIPUR – 848 125 (BIHAR)

KRISHI VIGYAN KENDRA

KHODAWANDPUR, BEGUSARAI – 848 202 (Bihar)

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Krishi Vigyan Kendra, Begusarai

Signature with seal

ACTION PLAN PROFORMA FOR THE KVKs.

(1st January 2026 to 31 December, 2026)

1. GENERAL INFORMATION ABOUT THE KVK

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

Name and Address of KVK	Telephone		E mail	Website
KVK, Begusarai Rosera - Begusarai Road (SH-55), Khodawandpur, Post- Meghaul, Begusarai, 848202	Office 6287797169	FAX	head.kvk.begusarai@rpcau.ac.in	begusarai.kvk4.in

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

Address	Telephone		E mail	Website
	Office	FAX		
Vice Chancellor, RPCAU, Pusa, Samastipur, Bihar	06274-240226	06274-240255	vc@rpcau.ac.in	http://rpcau.ac.in

1.2.b. Status of KVK website : Yes; Date when the website last updated:

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) :

1.2.d Status of ICT lab at your KVK :

a) No. of PC units :06

b) No. of Printers :04

c) Internet connection : Yes

1.3. Name of the Senior Scientist & Head with phone & mobile no.

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Ram Pal	6287797169	9431830116	head.kvk.begusarai@rpcau.ac.in

1.4. Year of sanction: 1992

1.5. Staff Position (as on 1st January, 2026)

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 / Gen)	Mobile No.	Email id	Please attach recent photograph
1	1	Dr. Ram Pal	Sr. Scientist & Head	Agril. Engg.	13A	9000	152300	22.09.2022	Permanent	OBC	6287797169	head.kvk.begusarai@rpcau.ac.in	
2	6	Dr. N.N Patil	SMS	Horticulture	10	5400	63100	21.03.2022	Permanent	GEN	8618760908	npatil0809@gamil.com	
3	6	Dr Vipin	SMS	Veterinary	10	5400	63100	25.03.2022	Permanent	EWS	7905599861	vipinsingh729@gmail.com	
4	1	Mr. Anshuman Dwivedi	PA (Lab)	-	6	4200	49000	28.11.2017	Permanent	GEN	7355556894	anshuman.dwivedi@rpcau.ac.in	
5	1	Mr. Chandrama Singh	Stenographer	-	4	2400	32300	23.02.2018	Permanent	GEN	8539989893	chandrama.singh@rpcau.ac.in	
6	1	Mr. Abhishek Kumar	Jeep Driver	-	3	2000	25200	07.09.2023	Permanent	SC	8271044696	abhishek.cps.pusa@gmail.com	
7	1	Mr. Rahul Kumar	Tractor Driver	-	3	2000	25200	02.03.2021	Permanent	OBC	7323085180	kumarrahul364728@gmail.com	
8	2	Md. Mumtaz Alam	SSS	-	2	1900	41800	04.01.1993	Permanent	OBC	7654203216	alammd.mumtaz783@gmail.com	

1. Dr. Abhik Patra, SMS (Crop Protection), transferred from Krishi Vigyan Kendra (KVK), Narkatiyaganj to Krishi Vigyan Kendra (KVK), Begusarai vide Office Order No. 715/ 02/Estt./Transfer/01/2025 dated 07.05.2026.

2. Miss Nisha Rani, PA (Lab), transferred from KVK, Samatipur-I to KVK, Begusarai vide O.O. No. 720/ 02/Estt./Transfer/1/2025, RPCAU, Pusa dated 07.05.2026.
3. Mr. Anshuman Dwivedi, PA (Lab), transferred from KVK, Begusarai to KVK, Vaishali vide O.O. No.- 721/ 02/Estt./Transfer/01/2025, RPCAU, Pusa Dated -07.05.2026.
4.

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	02
2.	Under Demonstration Units	02
3.	Under Crops	13
4.	Horticulture	02
5.	Pond	0
6.	Others if any	01
	Total	**20**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding		Stage					
				Complete			Incomplete		
		ICAR	RKVY	Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR		completed	550				Fully Completed & Under Use
2.	Farmers Hostel	ICAR		Completed	600				Fully Completed & Under Use
3.	Staff Quarters (6)	ICAR		Completed	500				Under Use
4.	Demonstration Units (2)	ICAR/RKVY							
a	Dairy unit		RKVY	Completed	4000				
	Poultry unit		RKVY	Completed	100				
	Goatery unit		RKVY	Completed	20				
5	Fencing	University		Completed	2256				Under Use
6	Rain Water harvesting system								
7	Threshing floor	ICAR		Completed	500				Under Use
8	Farm godown		RKVY	Completed	4000.				Under Use
	Other (Azolla unit)	ICAR		Completed	12				
9	Others(Solar Tree)		PMKSY	Completed	8				
10	Others (Hydroponic Fodder unit)	ICAR		Completed	6				

	Others(Under Ground irrigation channel)		PMKSY	Completed	20000				
	Others(Posan vatika)	Bio-tech Kisan Hub		Completed	1800				
	Others(PolyHouse)	ICAR		Completed	1800				
	Others(NetShed)	ICAR		Completed	25				
	Others(Millets processing Unit)	ICRISAT & RPCAU		Completed	185				
	Others(Vermicompost)	ICAR		Completed	20				
	Others(Weather Station)	IMD		Completed	20				
	Others(Generator Shed)	ICAR		Completed	5				
	Others(ATIC)	ICAR		Completed	25				
	Others (CRA Long Term crop intensification & Rotation)	CRA		Completed	10000				
	Others(Natural Farming Plot)	ICAR		Completed	4046				
	Others(Rain Gun Irrigation)		PMKSY	Completed	4086				
	Others(NADEP Compost Unit)	ICAR		Completed	10				
	Others(Hatchery Unit)	ICAR		Completed	5				
	Others(Seed Processing Unit)	RPCAU		Completed	5				
	Others(Orchard Gratinating Unit)	ICAR		Completed	12				

B) Vehicles

Type of vehicle	Year of purchase	Source (ICAR/RKVY)	Cost (Rs.)	Total kms. run as on December, 2024	Present status
Bolero	2009		417598.00	2,59,568 km	Non functional
Moter Cycles (2)	2016		100000.00	39850 (BR09U-0586) 23360 (BR09U-0585)	Functional

C) Equipment's& AV aids

Name of equipment	Year of purchase	Cost (Rs.)	Present status	Source of fund
a. Lab equipment				
1. Soil Lab				
b. Farm machinery				
i) Tractor with accessories	10.08.1998	296300.00	Under repairing	ICAR
ii) Tractor (John Deere, 55HP)	2019	6,26,743.84	Working condition	ICAR
iii)Tractor (TAFE 30DI Orchard Plus), Cultivator with accessories	2019	482076.60	Working condition	ICAR
iv)Thresher	2004	4600.00	Not functional	
v) Thresher	2005	23200.00	Not functional	
vi) Zero- tillage Machine	-	-	-	-
vii) Cultivator	2020	-	-	-
viii) Disc harrow	2020	-	Working	-
ix) Reaper cum binder	2020	520000	Working	-
x) MB plough	2020	-	-	-
xi) Dal mill	2017	78750	Not functional	-
xii)				
xiii) Maize sheller machine	2020	-	Not functional	-
xiv) Maize drier	2013	-	-	-
xv) Rice Wheat Seeder	2018	9500	Working	KVK
xvi) Rotavator	2020	114917	Working	
xvii) Potato Planter	-	-	-	-
xviii) Seed Processing machine	2011	970000	Not functional	-
xix)Happy seeder	2020	158747	Working	-
xx) Power weeder	2020	47600	Working	
xxi) Land Lazer leveler	2020	291200	Working	CRA
xxii)Thresher			Working	
xxiii) Multi crop thresher	2020	128800	Working	
xxiv) Cultivator	2020		Working	
xxv) Knapsack Sprayer	2020		Working	
xxvi) Gator Sprayer			Functional	

xxvii) Stand fan as winnower	2020	3299	Working	
xxviii) Potato Planter	2021	155642	Working	
xxix) Electric motor	2019		Working	
xxx) Submersible pump	2020		Working	
xxxi)Potato Digger	2021	167632	Working	
xxxii)Hydraulic tractor trailer	2021	143400	Working	
xxxiii) Mounted heavy duty disc plough	2020	72492	Working	
c. AV Aids				
i. TV's (2)	2020		Working	
ii. PA Ampilfier	2020		Working	
Vii. Laptop (Panasonic)	2019	2,13,000.00	Working	DAMU
Viii. Laptop (hp)-03	2018		Working	
IX. Desktop (02)	2019		Working	
X. Printer (4)				

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

Sl.No.	Date
1. Scientific Advisory Committee	NA

Suggestions of SAC meeting

2. DETAILS OF MICRO-FARMING SITUATIONS OF THE DISTRICT

2.1 Micro-farming situations

a) Characteristics

S.No.	Agro-Ecological situations (AES)	Existing Farming System (Crop+livestock+others)	Major soil types
1	AES 1 (Eastern Plain, Hot Sub humid (Moist) Eco-sub Region (13.1)	Rice, maize, and millets are common Kharif crops, while wheat, gram, barley, peas, mustard, and potato are important Rabi crops, dairy farming, goatery, poultry	Fertile alluvial soils, conducive to agriculture
2	AES 2 (drier part of the Middle Gangetic Plains)	rice–wheat, maize–wheat, pulses, oilseeds, and vegetable cropping systems along with dairy farming, goat rearing, poultry, and fishery	alluvial plains with sandy loam to clay loam soils

b) Land Characteristics

S.No	Agro-Ecological Situation (AES)	Topography	Drainage
1.	AES-1 (Eastern Plain, Hot Sub humid (Moist) Eco-sub Region (13.1)	Situated between the Himalayan foothills in the north and the Peninsular edge in the south	Drained by the Ganga River and its tributaries, providing abundant water for irrigation.
2.	AES-2 (Gandak Diyara)	Newly formed alluvial lands deposited by the Gandak and Ganga river systems.	rapid drainage through coarse-textured soils
3.	AES 3 (Chaur Land)	low-lying, saucer-shaped depressional areas that remain waterlogged or submerged	waterlogging, delayed drainage, and limited aeration.
4	AES 4 (Plain land)	fertile old alluvial soils	Drained by the Ganga River and its tributaries, providing abundant water for irrigation.

c) AES-wise major problems

S.No	Agro-Ecological Situation (AES)	Major problems	Rank
1.	AES-1 (Eastern Plain, Hot Sub humid (Moist) Eco-sub Region (13.1)	High use of Chemical fertilizers Low productivity of major crops Repeat breeding and low milk yield ,Shortage of fodder , Root and fruit rot in Solanaceous crops, High migration of laborers, Water logging in Kharif season	**Rank** **Major Problems** I Low productivity of major crops II High use and imbalanced application of chemical fertilizers III Waterlogging during kharif season IV Repeat breeding and low milk yield in dairy animals V Shortage of quality green fodder VI High migration of labourers VII Root rot and fruit rot in solanaceous crops
2.	AES-2 (Gandak Diyara)	Low soil fertility due to sandy soils, poor water holding capacity, and moisture stress after the monsoon season.	**Rank** **Major Problems** I Low soil fertility due to sandy soils II Poor water holding capacity III Moisture stress after the monsoon season IV Frequent flood and sand deposition V Low productivity of major crops VI Shortage of irrigation facilities during rabi season VII Migration of labourers and poor market access
3.	AES 3 (Chaur Land)	Poor drainage, delayed sowing of rabi crops, and limited crop diversification opportunities	**Rank** **Major Problems** I Poor drainage and prolonged

				waterlogging
			II	Delayed sowing of rabi crops
			III	Limited crop diversification opportunities
			IV	Low productivity of major crops
			V	Heavy clay soils with poor aeration
			VI	Weed infestation and pest incidence
			VII	Labour migration and low mechanization
4	AES 4 (Plain land)	Excessive use of chemical fertilizers, low organic matter content, and micronutrient deficiencies such as zinc and boron.	**Rank**	**Major Problems**
			I	Excessive and imbalanced use of chemical fertilizers
			II	Low organic matter content in soil
			III	Micronutrient deficiencies (zinc and boron)
			IV	Low productivity of major crops
			V	Weed infestation and rising cost of cultivation
			VI	Repeat breeding and low milk yield in dairy animals
			VII	Shortage of quality green fodder

2.2. Area, Production and Productivity of major crops cultivated in the district (2024)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)	Yield gap (q/ha) with respect to demo of last year	Yield gap (q/ha) with respect to potential yield
1	Paddy	12,049.00	32,796.00	27.2		
2	Soybean	17,152.00	15,523.00	9.1		
3	Small Millets	168.00	127.00	7.6		
4	Green Gram	49.00	54.00	11.0		
5	Arhar	287.00	488.00	17.0		
6	Horse Gram	133.00	89.00	6.7		
7	Jowar	167.00	178.00	10.7		
8	Wheat	69,784.00	268,165.00	38.4		
9	Mustard	9,916.00	16,748.00	16.9		
10	Lentil	723.00	834.00	11.5		
11	Pea & Beans	1,279.00	1,965.00	15.4		
12	Maize	32,843.00	236,864.00	72.1		

Source: Economic survey of Bihar (2024)

2.3. Weather data (2024-25)

Year	Month	Rainfall (mm)	Temperature (°C) Maximum	Temperature (°C) Minimum	Relative Humidity (%)	Relative Humidity (%)

					Maximum	Minimum
2024	January	18	23.5	9.2	88	48
	February	22	27.4	12.5	82	42
	March	14	33.2	18.4	75	35
	April	21	38.1	23.6	68	28
	May	72	40.2	26.8	70	36
	June	185	37.4	27.1	86	58
	July	312	34.1	26.2	92	71
	August	298	33.5	25.8	93	74
	September	214	33.8	24.9	90	68
	October	68	32.6	20.8	85	52
	November	12	29.1	14.7	82	46
	December	5	24.2	10.1	86	50
2025	January	16	23.8	9.5	87	49
	February	19	28.2	13.1	80	40
	March	11	34.4	19.3	72	33
	April	26	39.2	24.4	67	29
	May	64	40.8	27.2	69	35
	June	198	36.8	27.0	88	60
	July	325	33.9	26.1	93	73
	August	287	33.4	25.7	94	75
	September	201	33.2	24.6	91	69
	October	61	32.0	20.4	84	50
	November	10	28.6	14.2	81	44
	December	4	24.0	9.8	85	48
Total/Average		**2463**	**32.8**	**19.8**	**83.5**	**50.8**

Source: Climate-Data.org

2.4 Production and productivity of livestock, Poultry, Fisheries etc. in the district (2025)

Category	Population	Production	Productivity	Productivity gap
Buffalo	86408	1.05 lakh tonnes	5.5–6.5 L/d	25-35%
Sheep	215			
Goats	213315	Meat: 4.8 thousand tonnes	0.8–1 kid/year	30–40%
Cattle	456975	3.25 lakh tonnes	3.8–4.5 L/d	35–45%
Pigs				
Poultry (Total)		203960		
Hens		eggs	140–160 eggs	20-30%
Desi		eggs	60–80 eggs	40-50%
Category		**Production (q)**	**Productivity**	
Fish (Reservoir)				

***20th Livestock census** **Source of Year: 2019**

2.5 Details of Operational area / Villages

Sl. No.	Name of Taluk	Name of the block	Name of the villages	Major crops & enterprises	Major problems identified (crop-wise)	Identified Thrust Areas
1	Manjhaul	Chaurahi	Chaurahi	Paddy, Wheat, Maize	Problems in maize production	2
		Cheria bariyarpur	Bikarmpur	Hydroponics Fodder, Maize, Millet, Potato, Mustard	Problems in good quality seeds, harvesting of crop and water management	6
		Fafuat	Khodawandpur	Hydroponics Fodder, Maize, Millet, Potato	Inadequate availability of good quality seeds, leading to poor germination and low crop productivity	2
		Cheria bariyarpur	Khumbhi	CRA, Wheat, Maize, Potato, Mustard, Lentil, Vegetables	lack of proper harvesting facilities and mechanization causing post-harvest losses and delayed operations; and inefficient water management	3, 5
		Khodawandpur	Mohanpur	CRA, Wheat, Maize, Potato, Mustard, Lentil, Vegetables	lack of proper harvesting facilities and mechanization causing post-harvest losses and delayed operations; and inefficient water management	2
			Daualtpur	CRA, Wheat, Maize, Potato, Mustard, Lentil, Vegetables	limited access to quality seeds, which affects germination and crop establishment, inadequate harvesting facilities	2
2	Baliya	Tetri	Dandari	Maize, Millet, Potato, Natural farming	Problems in good quality seeds, harvesting of crop	1
3	Bakhari	Bakhari	Raton	CRA, Wheat, Maize, Potato, Mustard, Lentil, Vegetables	limited access to quality seeds, which affects germination and crop establishment, inadequate harvesting facilities	3
4	Manjhaul	Khodawandpur	Fafuat	Natural Farming	High input cost of chemicals and fertilizer	1

5	Baliya	Dandari	Tetri	Natural Farming, Silage	High input cost of chemicals and fertilizer	1
6	Begusarai	Matihani	Ramdiri	Non Productive Cattle	Problem of repeat breeding	1
7	Baliya	Sahebpur kamal	Chauki	CRA, Wheat, Maize, Potato, Mustard, Lentil, Vegetables	Problems in good quality seeds, harvesting of crop and water management	4

2.6 Top five major priority thrust areas:

I. Promotion of Natural farming through Stray cattle management model, Dairy, Bio-gas production, green manuring, waste decomposer, green fertilizer, use of toilet manure etc.

II. Reduction in productivity gap of major and important crops through INM, IPM, IDM, Integrated weed, and water management with improved varieties of seeds

III. Promotion of farm mechanization and Resource Conservation Technologies through the network of Custom hiring centers and Service providers

IV. Soil health management through soil testing and distribution soil health cards among farmers

V. Entrepreneurship skill development among the rural youth for self-employment in order to attract and retain the rural youth agriculture and allied sectors

VI. Assessment and refinement of Suitable and remunerative cropping system among marginal farmers under climate change scenario

3. TECHNICAL PROGRAMME

3 A. Details of targeted mandatory activities by KVK

OFT		FLD		
(1)		(2)		
Number of OFTs	Number of Farmers	Area (ha)	No of enterprises	Number of Farmers
6	60	111.6	06	280

Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
48	1200	200	20000

Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
500	100000		1200

3 B. Abstract of interventions to be undertaken

S. No	Thrust Area	Crop/ Enterprise	Identified Problem	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	Micronutrient Management / Bio-fortification	Wheat	Low yield due to faulty nutrient management & nutritional imbalance from non-bio-fortified varieties.	Effect of foliar application of zinc and boron on productivity of wheat (OFT-1)	Demonstration of bio-fortified wheat varieties (FLD-2)	Training on balanced nutrient management and bio-fortified wheat production	Refresher course on micronutrient application & bio-fortified crop varieties	Field Day, Method Demonstration	Bio-fortified Wheat Seed (RajendraGehu-4 / DBW-316), Zinc Sulphate, Boron
2	Balanced & Nano-Nutrient Management	Rice	Low yield of rice and widespread deficiency of zinc due to injudicious fertilizer use.	*N/A*	Demonstration for nano-Zn formulation application in rice (FLD-1)	Training on the application of Nano-fertilizers in cereal crops	Workshop on recent advances in Nano-agricultural formulations	Diagnostic Field Visit, Farmer-Scientist Interaction	Nano-Zn formulation, Recommended NPK fertilizers
3	Integrated Nutrient Management (INM)	Lentil	Low yield of lentil due to faulty and traditional nutrient management practices.	Integrated nutrient management for yield enhancement in lentil (OFT-2)	*N/A*	Training on seed bio-priming and foliar application of water-soluble	Capacity building on INM in pulse production	Group discussion, Field visit	Bio-fertilizers (PSB + Rhizobium), Water Soluble Fertilizer (18:18:18)

						fertilizers			
4	Ethno-Veterinary Medicine & Infertility Control	Dairy Animal	Repeat breeding due to postpartum anestrous & high cost of conventional treatments.	Assessment of herbal treatment for postpartum anestrous in dairy animals (OFT-3)	*N/A*	Training on preparation and use of ethno-veterinary formulations for dairy livestock	Orientation on indigenous technical knowledge (ITK) in animal health	Animal Health Camp, Group meetings	Mineral mixture, Dried powdered leaves (Bael, Curry, Moringa)
5	Cost-Effective Alternative Feeding	Goat	High conventional feed costs and nutritional deficiencies due to poor quality roughage.	Assessment of dietary cauliflower leaf meal supplementation on performance of periparturient goats (OFT-4)	Demonstration of chelated mineral mixture supplementation on the performance of goats (FLD-3)	Training on low-cost balanced ration balancing using agro-wastes for goats	Management strategies for optimizing small ruminant production	Kishan Gosthi, Group method feedback	Cauliflower leaf meal incorporated concentrate mixture, Chelated mineral mixture
6	Varietal Evaluation & Crop Diversification	Marigold	Low flower yield due to a distinct lack of suitable high-yielding varieties.	Evaluation of high yielding varieties of Marigold (OFT-5)	*N/A*	Training on commercial floriculture and nursery management of improved marigold	Technical updates on loose flower production technologies	Exposure visit, Individual farmer counseling	Marigold seedlings/seeds (Pusa Basanti, Pusa Narangi)
7	Integrated Pest Management (IPM)	Banana	Severe fruit scarring and low market value caused by fruit/leaf scarring beetle infestation.	Management of Fruit and leaf scarring beetle in Banana (OFT-6)	*N/A*	Training on Eco-friendly insect pest management and bunch-bagging techniques in Banana	Advances in non-chemical pest management protocols for fruit crops	Method demonstration on bunch covering	Azadirachtin, White non-woven polypropylene bags
8	Backyard Poultry, Year-Round Fodder & High-Yielding Cash Crops	Poultry / Fodder / Turmeric / Potato	Low growth rates in poultry/goats, lack of round-the-year fodder, and low yield of local cash crop varieties.	*N/A*	1. Performance of Vanaraja in field (FLD-4) 2. Year-round fodder production (FLD-5) 3. HYV Turmeric production (FLD-6) 4. HYV	Integrated training on backyard poultry management, fodder cycles, and cash-crop production	Strategic planning for year-round fodder security and high-value crops	Field Days, Distribution Camps, Farmer Feedbacks	Vanaraja chicks, HYV Fodder seeds (Maize/Sorghum/Berseem), Turmeric rhizomes (Rajendra Sonia), Potato tubers (Kufri Sindhuri)

					Potato production (FLD-7)				

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	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation							1			1
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management	1		1							2
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Value addition										
Integrated Pest Management										
Integrated Disease Management						4				
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL	**1**	**0**	**1**	**0**	**0**	**1**	**1**	**0**	**0**	**4**

A.2. Abstract on the number of technologies to be assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Vermi culture	Fisheries	TOTAL
Evaluation of Breeds		1						1
Nutrition Management				2				2
Disease of Management								
Value Addition								
Production and Management		1						1
Feed and Fodder	2							2
Small Scale income								

generating enterprises								
TOTAL								**6**

B. Details of all On Farm Trial in the given format

OFT-1

Crop	Wheat
Season	Rabi
Main problem	Low yield of wheat
Main cause	Faulty nutrient management practices
Title of OFT	Effect of foliar application of zinc and boron on productivity of wheat
Farming situation	Soil type – Sandy loam Land type – Low land Irrigation type – Rainfed Season – *Rabi* Previous crop – Rice
Thematic area	Nutrient management
Farmer practice	N : P : K :: 100 : 40 : 20 kg/ha
Technology option selected for assessment	TO1: RDF (N : P : K :: 120 : 60 : 40 kg/ha) + Zn @ 0.5% at pre flowering stage TO2: RDF (N : P : K :: 120 : 60 : 40 kg/ha) + B @ 0.2% at pre flowering stage TO3: RDF (N : P : K :: 120 : 60 : 40 kg/ha) + Zn @ 0.5% + B @ 0.2% at pre flowering stage
Source of technology	Institute of Agricultural Sciences, BHU (2022)
No of trial	10
Detail of critical input	Zinc and boron
Cost of individual critical input	Zinc sulphate @ Rs. 120.00/kg and Boron @ Rs. 160.00/kg
Total cost of critical input	Rs. 1080.00/ha Rs. 10800.00/10 trials
Performance indicator to be recorded	(i) Technical indicator- [No. of tillers, Spike weight, Grains per spike, Grain yield (Q/ha), Straw yield (Q/ha)] (ii) Economic indicator – [Cost of cultivation, Gross return, Net return, B:C ratio] (iii) Farmer Feedback- [Individual, Group method]

OFT-2

Crop	Lentil
Season	*Rabi* 2026
Main problem	Low yield of lentil
Main cause	Faulty nutrient management practices
Title of OFT	Integrated nutrient management for yield enhancement in lentil
Farming situation	Soil type – Sandy loam Land type – Low land Irrigation type – Rainfed Season – *Rabi*

	Previous crop – Rice
Thematic area	Nutrient management
Farmer practice	Application of N:P:K :: 14:36:0
Technology option selected for assessment	TO1: 50% RDF (RDF is N:P:K :: 20:40:20) + WSF 18:18:18 @ 1 gm/ltr water (2 spray at pre flowering stage) TO2: Seed treatment with PSB + *Rhizobium* + 50% of RDF (RDF is N:P:K :: 20:40:20) + WSF 18:18:18 @ 1 gm/ltr water (2 spray at pre flowering stage)
Source of technology	Bihar Agricultural University,Sabour (2023)
No of trial	10
Detail of critical input	Bio-fertilizer and WS NPK
Cost of individual critical input	PSB @ Rs. 450.00/lit, *Rhizobium*@ Rs. 400.00/lit, and WSF 18:18:18 @ Rs. 150.00/kg
Total cost of critical input	Rs. 1150.00/ha Rs. 11500.00/10 trials
Performance indicator to be recorded	(i) Technical indicator- [No. of branches, No. of pod per plant, Seed per pods, Grain yield (Q/ha), Straw yield (Q/ha)] (ii) Economic indicator – [Cost of cultivation, Gross return, Net return, B:C ratio] (iii) Farmer Feedback- [Individual, Group method]

OFT-3

Animal	Dairy animal
Season	Throughout the year
Main problem	Repeat breeding due to postpartum anestrous
Main cause	High cost of treatment and unaware to ethno veterinary
Title of OFT	Assessment of herbal treatment for postpartum anestrous in dairy animals
Farming situation	-
Thematic area	Animal Production & Health
Farmer practice (F.P.)	F.P : Feeding as per requirement + recommended dose of Mineral Mixture for 30 days
Technology option selected for assessment	T1:Feeding as per requirement + 100 gm of dried powdered leaf of *Aegle marmelos* and *Murraya koenigii* at a ratio of 1:1, for 10 days T2 :Feeding as per requirement + recommended dose of Mineral Mixture + 100 gm of dried powdered leaf at a ratio of 1:1, *Aegle marmelos* and *Murraya koenigii* for 10 days T3: Feeding as per requirement + 50 gm Moringa leaves power + 100 gm of dried powdered leaf at a ratio of 1:1, *Aegle marmelos* and *Murraya koenigii* for 10 days
Source of technology	ICAR- IVRI, Izatnagar (2024)
No of trial	10
Detail of critical input	Mineral mixture, 1.5 Kg of dried powdered leaf at a ratio of 1:1, *Aegle marmelos* (Bael), *Murraya koenigii* (Curry Plant) and Moringa leaves power
Cost of individual critical input	Rs. 400.00/animal
Total cost of critical input	Rs. 16000/-

Performance indicator to be recorded	(i) Technical indicator [Days of onset of heat, conception rate] (ii) Economic indicator [B:C ratio] (iii) Farmer perception [Individual, Group method]

OFT-4

Livestock	Goat
Season	Throughout the year
Main problem	High feed cost
Main cause	High cost of conventional feed resources and nutritional deficiency due to poor-quality roughage
Title of OFT	Assessment of dietary cauliflower leaf meal supplementation on performance of periparturient goats
Thematic area	Animal Health and production
Farmer practice	FP :Normal grazing and vegetable waste
Technology option selected for assessment	T1: FP + conventional concentrate feeding as per requirement T2:T1+ 20% of conventional concentrate mixture replaced by cauliflower leaf meal T3:T1+ 30% of conventional concentrate mixture replaced by cauliflower leaf meal
Source of technology	ICAR-IVRI, Izatnagar, Bareilly, UP (2024)
No of trial	10
Detail of critical input	Cauliflower leaf meal incorporated concentrate mixture
Cost of individual critical input	concentrate mixture Rs. 25/kg
Total cost of critical input	Rs. 11000/-
Performance indicator to be recorded	Technical indicator: Live weight gain of does, Birth weight of kids , ADG of kids (i) Economic indicator (Gross return, Net return, B:C ratio) (ii) Farmer perception

OFT-5

Crop	Marigold
Season	Kharif/Rabi/Summer
Main problem	Low yield of marigold
Main cause	lack of suitable variety
Title of OFT	Evaluation of high yielding varieties of Marigold
Thematic area	Varietal evaluation
Farmer practice	T1 :Local variety
Technology option selected for assessment	T2: Pusa Basanti T3:Pusa Narangi
Source of technology	ICAR-IIHR, Bengaluru

No of trial	10
Detail of critical input	2000/-
Cost of individual critical input	14000/-
Total cost of critical input	Rs. /ha
Performance indicator to be recorded	Technical indicator: Flower yield (i) Economic indicator (Gross return, Net return, B:C ratio) (ii) Farmer perception

OFT-6

Crop	Banana
Season	Kharif/Rabi/Summer
Main problem	Severe scaring of fruits
Main cause	Infestation of leaf scarring beetle
Title of OFT	Management of Fruit and leaf scarring beetle in Banana
Thematic area	IPM
Farmer practice	FP: farmers use insecticide to control scarring beetle
Technology option selected for assessment	TO2: Spraying of Azadirachtin @5ml/l before bunch appearance TO3: Covering of bunches with white non-woven polypropylene bag and clean cultivation
Source of technology	Assam Agriculture University, Jorhat.
No of trial	10
Detail of critical input	Azadirachtin and Polypropylene bag
Cost of individual critical input	Azadirachtin: 5 litres : 2500 and Polypropylene bag : 1600
Total cost of critical input	4100 /-
Performance indicator to be recorded	Leaf damage (%), Number of scars per leaf, Damaged leaf area (%), Number of damaged plants per plot, Damage severity score (1–5 scale), Fruit yield per plant (kg), Yield per hectare (q/ha).

Note: Each OFT detail should be given in the format

3.2 Frontline Demonstrations

A. Details of FLDs to be organized –

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demon.	Parameters identified (Yield related attributes, yield economics and farmers' perception
1.	Rice	Nutrient management in rice	Nano-Zn formulation	Nano-Zn	2026-27	20	50	Yield (kg/ha), B: C ratio
2.	Wheat	Integrated crop management	bio-fortified wheat varieties	Bio-fortified wheat	2026-27	20	50	Yield (kg/ha), B:C ratio
3.	Goat	Animal production and management	Mineral mixture	Mineral mixture	2026-27		10	Body weight and growth rate , B:C ratio
4.	Poultry	Breed management/ Evaluation of breed	Vanraja chicks	Vanraja chicks	2026-27		20	Body weight and growth rate, B: C ratio
5.	Round-year fodder	Feed and fodder management	Use of HYV (Maize) during summer Use of HYV (Sorghum) during Kharif Use of HYV (Berseem) during Rabi	High-yielding fodder variety	2026-27	01	25	Yield (kg/ha), B: C ratio
6.	Turmeric	Yield Increment	High-yielding Turmeric variety	High-yielding Turmeric variety	2026-27	0.8	50	Yield (kg/ha), B: C ratio
7.	Potato	Yield Increment	High-yielding potato variety	High-yielding potato variety	2026-27	0.8	50	Yield (kg/ha), B:C ratio
				Total		**51.6**	**255**	

Sponsored Demonstration

Crop	Area (ha)	No. of farmers
Barley	10	25
Soybean	04	10

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Farmers Training	05	2025-26	196
2	Field days	05	2025-26	500
3	Media coverage	10	2025-26	Mass
4	Training for extension functionaries	02	2025-26	50

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators

(iii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / Indicators
Goat	Black Bengal	10	10	Feed & mineral mixture	Body weight
Poultry	Vanaraja	20	400	Feed	Body Weight

Details of all FLD in the given format

FLD-1

Title of FLD	Demonstration for nano-Zn formulation application in rice		
Season & Year	*Kharif* 2026		
Main Problem	Low yield of rice and deficiency of zinc		
Main cause of problem	Less use of micronutrient fertilizer in injudicious manner increase in cost of cultivation and decrease rice productivity		
Full detail of farmer's Practice	N:P:K :: 101 : 46 : 30 kg/ha		
Name of the Technology	Two foliar application of nano-Zn formulation @ 1 ml/L (at 30 – 35 DAT and 60 – 65 DAT)		
Full detail of technology to be demonstrated	100% Recommended dose of NPK + two foliar application of nano-Zn formulation @ 1 ml/L (at 30 – 35 DAT and 60 – 65 DAT)		
Thematic area	Nutrient management in rice (Nano-Zn formulation)		
Source of Technology with year	Indian Agricultural Research Institute (2022)		
Name of villages	Bhagatpur, Musahari, Bariyarpur		
Farming situation	Soil type – Sandy loam Land type – Low land Irrigation type – Rainfed Season – *Kharif* Previous crop – Wheat		
Area (ha)/Unit (No.)	10.0 ha	Farmers	25
Performance indicator	(I) Technical indicator- [No of tillers, Panicle, Grains per panicle, Grain yield (Q/ha), Straw yield (Q/ha)] (II) Economic indicator – [Cost of cultivation, Gross return, Net return, B:C ratio] (III) Farmer Feedback- [Individual, Group method]		

FLD-2

Title of FLD	Demonstration of bio-fortified wheat varieties
Season & Year	*Rabi* 2026
Main Problem	Nutritional imbalance due to consumption of non-bio-fortified wheat varieties
Main cause of problem	Continuous cultivation of non-bio-fortified wheat varieties due to non-availability of seeds of bio-fortified wheat varieties
Full detail of farmer's Practice	High yielding variety *i.e.*, HD-2967 and hybrid wheat varieties
Name of the Technology	Bio-fortified wheat varieties
Full detail of technology to be demonstrated	RajendraGehu – 4 bio-fortified with zinc and iron Or, DBW – 316 bio-fortified with zinc (38.2 mg/kg)
Thematic area	Integrated crop management
Source of Technology with year	Dr. Rajendra Prasad Central Agricultural University, Pusa, Bihar (2023) Or, ICAR-Indian Institute of Wheat and Barley Research (2023)
Name of villages	Bhagatpur, Musahari, Bariyarpur

Farming situation	Soil type – Sandy loam Land type – Low land Irrigation type – Rainfed Season – *Rabi* Previous crop – Rice		
Area (ha)/Unit (No.)	10.0 ha	Farmers	25
Performance indicator	(I) Technical indicator- [No of tillers, Spike weight, Grains per spike, Grain yield (Q/ha), Straw yield (Q/ha)] (II) Economic indicator – [Cost of cultivation, Gross return, Net return, B:C ratio] (III) Farmer Feedback- [Individual, Group method]		

FLD-3

Title of FLD	Demonstration of chelated mineral mixture supplementation on the performance of goats		
Season & Year	2026-27		
Main Problem	Poor growth rate and high mortality		
Main cause of problem	Poor nutrition		
Full detail of farmer's Practice	No supplementation of mineral mixture		
Full detail of technology to be demonstrated	Chelated mineral mixture supplementation @10 g/d for 90 days		
Source of Technology with year	NDDB, Anand		
Name of the Technology	Mineral mixture		
Thematic area	Animal production and management		
Name of villages	Teghra and Cheria bariyarpur		
Farming situation			
Area (ha)/Unit (No.)	20	No of farmers	10
Performance indicator	(I) Technical indicator- Body weight and growth rate (II) Economic indicator :B:C ratio (III) Farmer Feedback-satisfactory/unsatisfactory		

FLD-4

Title of FLD	**Assessment of Vanaraja performance in the field condition**
Season & Year	2026-27
Main Problem	Low growth rate
Main cause of problem	Non availability of improved breed of poultry
Full detail of farmer's Practice	Use of Indigenous breed
Full detail of technology to be demonstrated	Use of Vanaraja breed
Source of Technology with year	ICAR-DPR, Hydrabad

Name of the Technology	Improved poultry breed		
Thematic area	Breed management/Evaluation of breed		
Name of villages	Naokothi and Bhagwanpur		
Farming situation			
Area (ha)/Unit (No.)	30	No of farmers	20
Performance indicator	(I) Technical indicator- Body weight and growth rate (II) Economic indicator :B:C ratio (III) Farmer Feedback-satisfactory/unsatisfactory		

FLD-5

Title of FLD	**Assessment of round the year fodder production on milk production of dairy cows**		
Season & Year	2026-27		
Main Problem	Non availability of fodder round the year		
Main cause of problem	Lack of planned high yielding fodder varieties cropping		
Full detail of farmer's Practice	Use of Hybrid Napier round the year		
Full detail of technology to be demonstrated	Use of HYV (Maize) during summer Use of HYV (Sorghum) during Kharif Use of HYV (Berseem) during Rabi		
Source of Technology with year	ICAR-IGFRI, Jhansi		
Name of the Technology	High yielding varieties of fodder		
Thematic area	Feed and fodder management		
Name of villages	Khodawandpur and Cheria bariyarpur		
Farming situation			
Area (ha)/Unit (No.)	1	No of farmers	25
Performance indicator	(I) Technical indicator- Milk Yield (kg/day) (II) Economic indicator :B:C ratio (III) Farmer Feedback-Satisfactory/unsatisfactory		

FLD-6

Title of FLD	**Demonstration of high yielding Variety and production technology of Turmeric**
Season & Year	2026-27
Main Problem	Low Yield of existing varieties of Turmeric
Main cause of problem	Non availability of high yielding variety of Turmeric
Full detail of farmer's Practice	Use of local variety
Full detail of technology to be demonstrated	HYV-Rajendra Sonia and Turmeric production Technology

Source of Technology with year	DRPCAU, Pusa		
Name of the Technology	High yielding Turmeric variety		
Thematic area	Yield Increment		
Name of villages	Cheriya Bariyarpur and Khodawandpur		
Farming situation	Turmeric-Onion		
Area (ha)/Unit (No.)	0.8	No of farmers	50
Performance indicator	(I) Technical indicator- Yield (kg/ha) (II) Economic indicator :B:C ratio (III) Farmer Feedback-Satisfactory/unsatisfactory		

FLD-7

Title of FLD	**Demonstration of high yielding Variety and production technology of Potato**		
Season & Year	2026-27		
Main Problem	Low Yield of existing varieties of Potato		
Main cause of problem	Non availability of high yielding variety of Turmeric		
Full detail of farmer's Practice	Use of local variety		
Full detail of technology to be demonstrated	HYV-Kufri Sindhuri and Potato production Technology		
Source of Technology with year	IIPR, Shimla		
Name of the Technology	High yielding Potato variety		
Thematic area	Yield Increment		
Name of villages	Cheriya Bariyarpur and Khodawandpur		
Farming situation	Paddy- Potato- Moong		
Area (ha)/Unit (No.)	0.8	No of farmers	50
Performance indicator	(I) Technical indicator- Yield (kg/ha) (II) Economic indicator :B:C ratio (III) Farmer Feedback-Satisfactory/unsatisfactory		

3.3 Training (Including the sponsored and FLD training programmes):Note: 25 participants per training

A) ON 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	01	10	7	17	5	3	8	25
Resource Conservation Technologies	01	10	7	17	5	3	8	25
Cropping Systems	01	10	7	17	5	3	8	25
Crop Diversification	01	10	7	17	5	3	8	25
Site specific nutrient management								
Integrated Farming								
Water management								
Seed production								
Nursery management								
Integrated Crop Management	01	10	7	17	5	3	8	25
Fodder production								
Production of organic inputs								
Natural farming	01	10	7	17	5	3	8	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	01	10	7	17	5	3	8	25
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
Natural farming								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	02	20	14	34	10	6	16	50

Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques	01	10	7	17	5	3	8	25
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology	02	20	14	34	10	6	16	50
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management								
Production and use of organic inputs								
Management of Problematic soils								

Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management	02	20	14	34	10	6	16	50
Poultry Management	02	20	14	34	10	6	16	50
Piggery Management								
Rabbit Management/goat								
Disease Management	01	10	7	17	5	3	8	25
Feed management	01	10	7	17	5	3	8	25
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								

Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								

Group dynamics								
Formation and Management of SHGs/FPOs etc								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (Pl. Specify)								
TOTAL								
(B) RURAL YOUTH								
Mushroom Production	01	10	7	17	5	3	8	25
Bee-keeping								
Integrated farming	01	10	7	17	5	3	8	25
Seed production								
Production of organic inputs								
Integrated Farming (Medicinal)								
Planting material production								
Vermi-culture	01	10	7	17	5	3	8	25
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards	01	10	7	17	5	3	8	25
Value addition								
Production of quality animal products								
Dairying	01	10	7	17	5	3	8	25
Sheep and goat rearing	01	10	7	17	5	3	8	25
Quail farming								
Piggery								
Rabbit farming								
Poultry production								

Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL								
(C) Extension Personnel								
Productivity enhancement in field crops	01	10	7	17	5	3	8	25
Integrated Pest Management								
Integrated Nutrient management								
Rejuvenation of old orchards	01	10	7	17	5	3	8	25
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals	01	10	7	17	5	3	8	25
Livestock feed and fodder production	01	10	7	17	5	3	8	25
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs	01	10	7	17	5	3	8	25

Gender mainstreaming through SHGs								
Any other (Pl. Specify)	01	10	7	17	5	3	8	25
TOTAL								
G. Total								

B) OFF Campus Note: 25 participants per training

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								
Resource Conservation Technologies	01	10	7	17	5	3	8	25
Cropping Systems	01	10	7	17	5	3	8	25
Crop Diversification	01	10	7	17	5	3	8	25
Integrated Farming								
Water management								
Seed production	01	10	7	17	5	3	8	25
Nursery management								
Integrated Crop Management								
Fodder production	01	10	5	17	10	3	13	25
Production of organic inputs	01	10	7	17	5	3	8	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	02	20	14	34	10	6	16	50
Off-season vegetables								
Nursery raising	01	12	5	17	10	3	13	25
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	02	20	14	34	10	6	16	50
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								

Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management	01	12	5	17	10	3	13	25
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management	04	40	28	68	20	12	24	100
Poultry Management	01	10	7	17	5	3	8	25
Piggery Management								
Rabbit Management /goat	01	10	7	17	5	3	8	25
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								

Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production (Horti.)								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (Horti.)								
Organic manures production (A.S.)								
Production of fry and fingerlings								

Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs(HS)								
Mobilization of social capital								
Entrepreneurial development of farmers/youths (Agro)								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems (Agro)								
XII Others (Pl. Specify)								
TOTAL								

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	02	20	14	34	10	6	16	50
Resource Conservation Technologies	02	20	14	34	10	6	16	50
Cropping Systems	02	20	14	34	10	6	16	50
Crop Diversification	02	20	14	34	10	6	16	50
Integrated Farming								
Water management								
Seed production	01	12	5	17	10	3	13	25
Nursery management								
Integrated Crop Management	01	12	5	17	10	3	13	25
Fodder production	01	12	5	17	10	3	13	25
Production of organic inputs	01	12	5	17	10	3	13	25
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	02	20	14	34	10	6	16	50
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	04	40	28	68	20	12	24	100
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques	01	12	5	17	10	3	13	25
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								

Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology	02	20	14	34	10	6	16	50
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology								
Post harvest technology and value addition								
(B) RURAL YOUTH								
Mushroom Production	01	10	7	17	5	3	8	25
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards	01	10	7	17	5	3	8	25
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL								
(C) Extension Personnel								
Productivity enhancement in field crops								

Integrated Pest Management								
Integrated Nutrient management								
Rejuvenation of old orchards	01	10	7	17	5	3	8	25
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs	01	10	7	17	5	3	8	25
Gender mainstreaming through SHGs								
Any other (Pl. Specify)								
TOTAL								
G. Total								
III Soil Health and Fertility Management								
Soil fertility management								
Soil and Water Conservation								
Integrated Nutrient Management	01	10	7	17	5	3	8	25
Production and use of organic inputs								
Management of Problematic soils								
Micro nutrient deficiency in crops								
Nutrient Use Efficiency								
Soil and Water Testing								
IV Livestock Production and Management								
Dairy Management	06	60	42	102	30	18	48	150
Poultry Management	03	30	21	51	15	9	24	75
Piggery Management								
Rabbit Management/goat	01	10	7	17	5	3	8	25
Disease Management	01	10	7	17	5	3	8	25
Feed management	01	10	7	17	5	3	8	25
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								

Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								

Group dynamics								
Formation and Management of SHGs								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems								
Sponsored training								
TOTAL								
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs								
Integrated Farming								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying	01	10	7	17	5	3	8	25
Sheep and goat rearing	01	10	7	17	5	3	8	25
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL								

(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management								
Integrated Nutrient management								
Rejuvenation of old orchards								
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization								
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements								
WTO and IPR issues								
Management in farm animals	01	10	7	17	5	3	8	25
Livestock feed and fodder production	01	10	7	17	5	3	8	25
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing								
Production and use of organic inputs								
Gender mainstreaming through SHGs								
Any other (Pl. Specify)								
Total								
G. TOTAL								

Details of training programmes attached in **Annexure –I**

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	12	400	200	600	100	50	150	500	250	750
Kisan Mela	2	600	300	900	80	20	100	800	320	1000
Kisan Ghosthi	6	500	200	700	80	20	100	580	220	800
Exhibition	2	200	50	250	40	10	50	240	60	300
Film Show										
Farmers Seminar	1	100	50	150	30	20	50	130	70	200
Workshop	2	100	50	150	30	20	50	130	70	200
Group meetings	10	50	20	70	20	10	30	70	30	100
Lectures delivered as resource persons	10	300	100	400	70	30	100	370	130	500
Newspaper coverage	50	3000	1000	4000	700	300	1000	3700	1300	5000
Radio talks	1									Mass
TV talks	1									Mass
Popular articles	2	50	20	70	20	10	30	70	30	100
Extension Literature	2	50	20	70	20	10	30	70	30	100
Advisory Services										
Scientific visit to farmers field	120	1300	400	1700	200	100	300	1500	500	2000
Farmers visit to KVK								3500	1500	5000
Diagnostic visits	100	600	300	900	80	20	100	750	250	1000

Exposure visits	20							200	50	250
Ex-trainees Sammelan	1	200	100	300	70	30	100	270	130	400
Soil health Camp	1	50	20	70	20	10	30	70	30	100
Animal Health Camp	2	100	50	150	30	20	50	130	70	200
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet	2	100	50	150	30	20	50	130	70	200
Self Help Group Conveners meetings	2	200	50	250	40	10	50	200	100	300
Mahila Mandals Conveners meetings										
Celebration of important days (specify)	10	600	300	900	80	20	100	680	320	1000
Krishi Mohostva										
Krishi Rath										
Pre Kharif workshop	2	100	50	150	30	20	50	130	70	200
Pre Rabi workshop	2	100	50	150	30	20	50	130	70	200
PPVFRA workshop	2	100	50	150	30	20	50	130	70	200
Any Other (Specify)										
Total										

3.4 Target for Production and supply of Technological products

A) SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Wheat	As per recommendation by university	NA
	Paddy	As per recommendation by university	NA
	Millets	As per recommendation by university	NA
OILSEEDS	Mustard	As per recommendation by university	NA
PULSES			
	Lentil	As per recommendation by university	NA
	Arhar	As per recommendation by university	NA
	Soybean	As per recommendation by university	NA
	Moong	As per recommendation by university	NA
	Masoor	As per recommendation by university	NA
VEGETABLES			
OTHERS (Specify)			

4 B) PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Papaya	Red lady	3000
	Jackfruit	Indigenous	200
	Mango	Amprapali , malda	1000
SPICES			
VEGETABLES	Capsicum	Asha	2000
	Cabbage		1000
	Cauliflower		1000
	Chilli		5000
	Tomato		5000
	Moringa	ODC 3	1000
FOREST SPECIES			
ORNAMENTAL CROPS			
		Total	**19200**

5 C) BIO-PRODUCT

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES				
1	Neemastra			120
2	Brahamastra			52

6 D) LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle		Non-descript	02	
Goat		Black Bengal	20	
Sheep				
Poultry		Vanaraja and Kadaknath	500	
Pig farming				
FISHERIES				

3.6 Literature to be Developed/Published

(A) KVK News Letter

Date of start :

Number of copies to be published :

(B) Literature to be developed/published

S.No.	Topic	Number
1	Research paper each scientist	01
2	Technical reports	01
3	News letters	01
4	Training manual all discipline	02
5	Popular article	02
6	Extension literature	02
	Total	**09**

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette, whatsapp group, mobile app, etc.	Title of the product	Number
1	whatsapp group	KVK Begusarai	01
2	whatsapp group	Animal Husbandry Farmers	01
3	whatsapp group	Natural Farming	01
4	whatsapp group	Unnat Bharat Abhiyan	01
5	whatsapp group	Jalvauu anukool Mohanpur	01
6.	whatsapp group	Jalvauu anukool Raton	01
	whatsapp group	Jalvauu anukool Daulatpur	01

3.7. Success stories/Case studies identified for development as a case. -

a. Brief introduction/Background

b. Interventions/process

c. Output

d. Outcomes

e. Impact

i) Social economic

ii) Bio-Physical

f. Good Action Photographs

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

Practicing Farmers

a)

b)

c)

Rural Youth

a)

b)

c**)**

d)

In-service personnel

a)

b)

c)

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT:

i) PRA
ii) Problem identified from Matrix based ranking & analysis
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) -

Name of village	Block	Action taken for development
Bikrampur	Cheria Bariyarpur	OFT/FLD/Training/ Participatory seed production programme/KisanGosthi/ Exposure visit/ Diagnostic visit/ Field days/Group meeting/ Travelling seminar/ Technology & crop cafeteria/ Development of irrigation facility/Swachhata programme/Natural farming awareness programme/ PRA&RRA/ Animal health camps/SHG & FPO formation and strengthening/ Establishment of CHC center/ Promotion of service providers/ IFS model/Poultry and Goatery units etc
Fafuat	Khodawandpur	
Tetari	Dandari	
Kumbhi	Cheria Bariyarpur	
Raton	Bakhari	
Chuaki	Baliya	
Mohanpur	Khodawandpur	
Daluatpur	Khodawandpur	
Ramidiri	Matihani	
Musehari	Khodawandpur	
Aalapur	Teghra	
Naula	Birpur	
Bagban	Bakhri	
Darha Than Singh	Bakhri	
Kanaushi	Garhpura	
Karaitan	Nawkothi	
Karaitor	Nawkothi	
Khodawandpur	Khodawandpur	
Kumbhi	Cheria Bariarpur	
Khanjahanpur Pali	Bhagwanpur	
Amari	Chhaurahi	
Rampur	Cheria Bariarpur	
Samsa	Nawkothi	
Sikandarpur	Begusarai	
Sonbarsha	Cheria Bariarpur	
Tara	Khodawandpur	

ii. No. of farm families selected per village:

iii. No. of 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

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab: Working

1. Year of establishment: 2006

2. List of equipment's purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	AAs	01	80000

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	350	350	35	38500
Water				
Plant				
Total	350	350	35	38500

4.0 LINKAGES

4.1 Functional linkage with different organizations/department

Sl.No.	Name of organization	Nature of Linkage	Outcome of linkage
1.	ATMA	Training, FLD, OFT, Advisory services	
2.	District Agriculture Office	Training	
3.	District Horticulture Office	Training, Supply of planting materials	
4.	NABARD	Club formation, members of monitoring team	
5.	JEEVIKA	Formation of SHG, Training	
6.	Barauni dairy	Formation of SHG, Marketing linkages	
7.	DRPCAU, Pusa	For capacity building and extension work execution	
8.	CPRI, Patna	Seed input and advisory services	
9.	CSISA, MEXICO	For Seed input and technology dissemination	
10.	RSETI	Formation of SHG, Training	
11	NTPC	Training	
12	HURL	For Seed input and technology dissemination	
13	Dr Reddy Lab	Soil Testing	
14	Nehru Yuva Kendra	Training, extension work execution	
15	ITC	Training, advisory services, extension work execution	

16	PRDAN	For capacity building and extension work execution	
17	BISA	CRA Project	
18	IISR Indore	Soyabean Cultivtion, Training	
19	CIWA Bhuvneshwar	For capacity building and extension work execution	
20	IOC Barauni	Organic farming	
21	Hashanpur Chinimill	Sugarcane seed Production	
22	Fishery Deptt	Fish Production	
23	CSC	Farmers Advisory Services	
24	RMR-SPC Begusarai	Maize Production, For Seed input and technology dissemination	
25	SOC BASOKA	For capacity building and extension work execution	
26	CARI Izatnagar	RKVY Project	
27	ICAR-RCER Patna	For capacity building and extension work execution	
28	BAMETI	For capacity building and extension work execution	

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Outcome of linkage
1	Training	Organize the training	
2	Kisan gosthi	Organize the Kisan gosthi	
3	Awareness programme	Organize the awareness programme	

5. Utilization of Hostel facilities

S. No.	Programme	No. of days
1	RAWE	60
2	INM training	60
	Total	**120**

6. Partnership with departments for technology out scaling (proposed):

Natural farming

National Mission on Edible Oils (NMEO)

Annexure - I

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
Crop Production											
	PF/FW	Scientific direct seeded rice (DSR) cultivation technologies	01	10	7	17	5	3	8	25	
	PF/FW	Micronutrient management in rice for higher productivity	01	10	7	17	5	3	8	25	
	PF/FW	Integratednutrient management in rice based cropping system	01	10	7	17	5	3	8	25	
	PF/FW	Natural farming practices for sustainable crop production	01	10	7	17	5	3	8	25	
		Crop residue management and conservation agriculture practices	01	10	7	17	5	3	8	25	
		Scientific lentil production technologies for higher productivity	01	10	7	17	5	3	8	25	
	PF/FW										
Horticulture											
	PF/FW	Nursery raising	01	10	7	17	5	3	8	25	
	PF/FW	Cultivation of Fruit	01	20	14	34	10	6	16	50	
	PF/FW	Plant propagation techniques	01	10	7	17	5	3	8	25	
	PF/FW	Production and Management technology (Spices)	01	20	14	34	10	6	16	50	
Livestock prod.											
	PF/FW	Dairy Management	01	20	14	34	10	6	16	50	
	PF/FW	Poultry Management	01	20	14	34	10	6	16	50	
	PF/FW	Disease Management	01	10	7	17	5	3	8	25	
	PF/FW	Feed management	01	10	7	17	5	3	8	25	
Agril. Engg.											
	PF/FW										
	PF/FW										
	PF/FW										
Home Sc.											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Plan prot.											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Fisheries											

	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Soil Health											
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	Month of training
				M	F	T	M	F	T		
Crop Production											
	PF/FW	Improved mustard production and crop management practices	01	10	7	17	5	3	8	25	
	PF/FW	Integrated nutrient management in wheat	01	10	7	17	5	3	8	25	
	PF/FW	Integrated nutrient management in maize	01	10	7	17	5	3	8	25	
	PF/FW	Scientific production technologies of organic manures	01	10	7	17	5	3	8	25	
	PF/FW	Summer mungbean production technologies for cropping system intensification	01	10	7	17	5	3	8	25	
	PF/FW	Scientific finger millet cultivation for nutritional security and climate resilience	01	10	7	17	5	3	8	25	
Horticulture											
	PF/FW	Production of low volume and high value crops	01	12	5	17	10	3	13	25	
	PF/FW	Nursery raising	01	12	5	17	10	3	13	25	
	PF/FW	Cultivation of Fruit	01	12	5	17	10	3	13	25	
	PF/FW	Integrated Nutrient Management	01	12	5	17	10	3	13	25	
	PF/FW										
	PF/FW										
	PF/FW										
	PF/FW										
Live Stock Production.											
	PF/FW	Dairy Management	01	40	28	68	20	12	32	100	
	PF/FW	Poultry Management	01	10	7	17	5	3	8	25	
	PF/FW	Rabbit Management/Goat	01	10	7	17	5	3	8	25	
	PF/FW	Fodder production	01	12	5	17	10	3	13	25	
	PF/FW										
	PF/FW										
	PF/FW										

	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
Agril. Engg.												
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
Home Sc.												
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
Plant Protection												
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
Fisheries												
	PF/FW											
	PF/FW											
	PF/FW											
	PF/FW											
Soil health												
	PF/FW											
	PF/FW											
	PF/FW											

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			SC/ST participants			G.Total	Month of training
				M	F	T	M	F	T		
Mango, guava, citrus		Plan propagation technique in mango, guava and citrus	4	10	7	17	5	3	8	25	
Vermicomposting		Vermicompost production and organic nutrient management technology	4	10	7	17	5	3	8	25	
Seed		Mushroom production techniques	4	10	7	17	5	3	8	25	
Nutrient management		Soil health management and soil testing based fertilizer application	4	10	7	17	5	3	8	25	
Dairy	Dairying	Profitable dairy farming	4	10	7	17	5	3	8	25	
Goat	Goat/Sheep production	Commercial goat farming	4	10	7	17	5	3	8	25	

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total	
				M	F	T	M	F	T		
On Campus											
ON		Ethno-veterinary practices	1	10	7	17	5	3	8	25	
ON		Production and conversation of fodder	1	10	7	17	5	3	8	25	
ON		Rejuvenation of Mango orchard	1	10	7	17	5	3	8	25	
ON		Technique of organic vegetable production	1	10	7	17	5	3	8	25	
ON		Scientific pulses production technologies for nutritional security	1	10	7	17	5	3	8	25	
ON		Climate smart crop production technologies	1	10	7	17	5	3	8	25	

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training progdramme											
Crop	Bihar Govt.	Farmer	Millet value Chain	01	10	7	17	5	3	8	25
Crop	Bihar Govt.	Farmer	Natural farming	01	10	7	17	5	3	8	25
Crop	Bihar Govt.	Farmer	Scientific cultivation of Soybean	01	10	7	17	5	3	8	25
			Total								
b) Sponsored research programme											
Animal Science	Govt. of India	Farmer	Non productive cattle								
			Total								
c) Any special programmes											
Animal Science	BAMETI	Farmer	Green Fodder to Silage: Ensuring Year-Round Feed	01	20	14	34	10	6	16	50
Animal Science	BAMETI	Farmer	Climate- Resilient Dairy Farming through Fodder and Fertility Management	01	20	14	34	10	6	16	50
Horticulture	BAMETI	Farmer	GAP's in Mango	01	20	14	34	10	6	16	50
Crop protection	BAMETI		status and prospects of soybean cultivation in Begusarai	01	20	14	34	10	6	16	50
			Total								

Signature of Senior Scientist & Head