

ANNUAL ACTION PLAN 2023




KVK_Kawardha (C, G.)





Year of sanction: 2023-24

1.1 Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Office	Mobile	Email
Dr. B. P. Tripathi, I/c SS&H		9826199312	kvkkawardha@yahoo.in

1.2 Staff Position on (31th Dec.2022)

S. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic (Rs.)	Date of Joining	Date of joining this KVK (Year)	Contact No.	Email ID	Photo
1	Programme Coordinator	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
2	Subject Matter Specialist	Dr. B.P.Tripathi	I/c Senior Scientist and Head	Plant Pathology	56100-177500 Level -12	06.09.2012	06.09.2012	9826199312	bp_tripathi2007@yahoo.co.in	
3	Subject Matter Specialist	Er. T. S. Sonwani	Subject Matter Specialist	F.M.P	56100-177500 Level -12	10.09.2012	10.09.2012	9893943109	tsingh_1983@yahoo.com	
4	Subject Matter Specialist	Dr. Smt. Rajeshwari Sahu	Subject Matter Specialist	Horticulture	56100-177500 Level -12	19.02.2013	01.10.2018	9300781195	raji_sahu24@yahoo.in	
5	Subject Matter Specialist	Sh. B. S. Parihar	Subject Matter Specialist	Agronomy	56100-177500 Level -12	18.09.2014	18.09.2014	8770372537	parihar.balbrindsingh7@gmail.com	
6	Subject Matter Specialist	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
7	Subject Matter Specialist	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
8	Programme Assistant	Smt. Swati Sharma	Programme Assistant	Entomology	35400-112400 Level -8	05.11.2014	05.11.2014	8839340760	sharmaswati2212@gmail.com	
9	Computer Programmer / Programme Assistant	Mr. Yogesh Kumar Kaushik	Programme Assistant (Computer)	Information Technology	35400-112400 Level -8	12.07.2013	12.07.2013	9826660327	yogeshkumarkaushtik15@gmail.com	
10	Farm Manager	Dr. Smt. Tripti Thakur	Farm Manager	Soil Science	35400-112400 Level -8	26.10.2019	26.10.2019	7898770214	nayaktripti66@gmail.com	
11	Assistant	Shri A. K. Khare	Asstt.Gr - I	Economics	28700-91300 Level -7	16.09.2009	11.08.2015	7987760012	ashokkumarkhare3@gmail.com	
12	Jr. Stenographer / Comp. Operator	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant

13	Driver	Shri Haran Ram Kaushik	Driver	Primary	25300-80500 Level -6	01.04.2013	01.04.2013	7748851885	-	
14	Driver	Shri Jagnandan Sahu (Contractual)	Driver	Graduation	14200/-	20.12.2021	20.12.2021	9754025976	-	
15	Supporting staff	Shri. Salik Ram Lodhi	Peon	Middle	19500-62000 Level 4	16.09.2008	02.01.2013	9109855505	-	
16	Supporting staff	Shri Shiv Kumar Lodhi	Watchman	Primary	19500-62000 Level 4	16.09.2008	16.09.2008	8878228420	-	

1.3 Total land with KVK (in ha):19.68 (5.63 ha area Encroachment)

S. No.	Item	Area (ha)
1	Under Buildings	0.050
2	Under Demonstration Units	1.00
3	Under Crops	10.00
4	Orchard/Agro-forestry	2.00
5	Others (specify)	1.00
Total		14.05

1.4 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	2008	290.00	550000.00	2008	290	complete
2	Farmers Hostel	Nil						
3	Staff Quarters (6)	Nil						
4	Demonstration Units (2)	MGNREGA	2018-19 To 2021-22	1197.00	6909000.00	2018-19	1197.00	complete
5	Fencing	RKVY	2012-13	285m	100000.00	2014-15	285m	Complete
			2012-13	-	962000.00	2012-13		Complete
6	Rain Water harvesting system	NIL						
7	Threshing floor	RKVY	2013-14	251	838000.00	2013-14	251	complete
8	Farm godown	ICAR	2014-15	235	250000.00	2014-15	235	complete

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor (Power Tiller)	2008	451015.00	200000.00	Poor condition
Motor Cycle 1	2010	43843.00	69400.00	Poor condition
Motor Cycle 2	2022	90360.00	650.00	Good Condition
Bolero(Jeep)	2018	774890.00	25000.00	Good Condition
Other (Pl. specify)				

C) Equipment & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Table	2009	13875.00	Good
Table	2009	4800.00	Good
Revolving Chair	2009	6900.00	Good
Revolving Chair	2009	4740.00	Good
Steel office chair	2009	9440.00	Good
Steel Stool	2009	1680.00	Good
		5179.00	
UPS	2009	3409.00	Good
Computer Set	2009	39754.00	Good
Printer	2009	5264.00	Good
		1917.00	
Gas cylinder 19 kg	2010	3150.00	Good
Projector Screen	2011	12375.00	Good
LCD Projector	2011	62268.00	Good
Wooden chairs	2011	45675.00	Good
Wooden Table	2011	34000.00	Good
Wooden Computer Table	2011	14820.00	Good
Steel Almirah	2011	27690.00	Good
Steel Almirah	2011	9820.00	Good
Steel Book Cash	2011	15000.00	Good
		20580.00	
Conference table	2012	110700.00	Good
Office table	2012	6240.00	Good

Sofa set	2012	27290.00	Good
Center table	2012	3005.00	Good
Computer table	2012	14820.00 26720.00	Good
Fax Machine	2011	13982.00	Good
Computer Set	2011	32000.00	Good
Printer	2011	11606.00 2181.00	Good
Refrigerator	2011	15504.00	Good
Digital Camera	2011	9990.00	Good
Cooler	2011	8000.00	Good
Cooler	2011	6990.00	Good
Stabilizer	2011	6555.00	Good
UPS	2011	1785.00	Good
Power Protector	2011	997.00	Good
Photo copier Machine	2011	53014.00	Good
Computer Set	2012	79192.00	Good
Printer	2012	10106.00	Good
Printer	2012	5712.00 4751.00	Good
UPS	2012	3200.00	Good
HD TV (LED)	2012	39900.00	Good
AC	2012	29151.00	Good
Tractor	2009	451015.00	Good
Cultivator	2009	15078.00	Good
Jeep trolley	2009	35280.00	Good
Seed drill	2009	33128.00	Repairable
Tube well	2009	75352.00	Good
Irrigation System	2011	99095.00	Good
Kundam	2011	400.00	Good
Rapa	2011	840.00	Good
Darati	2011	210.00	Good
Khurpi	2011	120.00	Good
Khurpi	2011	135.00	Good
Mobile Seed Grader	2012	595080.00	Good
Chain link	2012	463080.00	Good
Straight type Angle	2012	498919.00	Good
Tube well	2013	66527.00	Good
Tube well	2013	70242.00	Good
Power sprayer cum duster	2013	5778.00	Good
Winnowing fan	2013	7875.00	Good
Chap cutter	2013	19740.00	Good
Leveller	2013	11550.00	Good
M. B. Plough	2013	20738.00	Good
Seed cum fertilizer drill	2013	40950.00	Good
Multi crop Thresher	2013	105000.00	Good
Power Reaper	2013	126200.00	Good
Tractor Trolley	2013	175812.00	Good
Electric Weight Machine	2013	13306.00	Good
Rotavator	2013	90276.00	Good
Pump set	2013	105972.00	Good

1.5.(A). Details of SAC meeting to be conducted in the year

Sl. No.	Tentative Date
1	15.02.2023
2	

2. DETAILS OF DISTRICT

Major farming systems / enterprises (based on the Agro-ecological situation analysis made by the KVK) Add AES if needed

S. No.	Farming system/enterprise	Description
1	Rainfed	Paddy – Soybean-
2	Rainfed upland	Pigeon pea – Soybean
3	Irrigated	Chickpea – Wheat
4	Irrigated	Sugarcane

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

S. No.	Agro-climatic Zone	Characteristics
1	Chhattisgarh Plain Zone	
2	Vertisol (Kanhar-clayey)	low-lying deep bluish black soil with high moisture retention capacity. It is well suited for rabi crops, particularly wheat
3	Incept sol (Matasi-Sandyloam)	This is a yellow sandy soil, with an admixture of clay. It has limited moisture retention capacity. Though used for paddy
4	Alfisols (Dorsa-clayloam)	This type of soil is intermediate in terms of soil moisture retention between kanhar and matasi. This is best described as loamy, and is a colour between brown and yellow.
5	Entisol (Bhata-gravelly)	This soil is a coarse-textured, red sandy-gravelly soil, found on upland tops. It is deficient in minerals and other productivity enhancing nutrients

SWOT Analysis of each Agro-Ecological Situations of district

AES-1 (name)

Strength	Weakness	Opportunities	Threats
•	•	•	•

AES-2 (name)

Strength	Weakness	Opportunities	Threats
•	•	•	•

AES-3 (name)

Strength	Weakness	Opportunities	Threats
•	•	•	•

AES-4 (name)

Strength	Weakness	Opportunities	Threats
•	•	•	•

Add AES if needed

Land Use Pattern

Particulars	Area "000 ha"
Total Geographical area	441.23
Forest	35.80
Waste Land	-
Other than cultivated area	19.517
Cultivable waste and alkaline land	
Pastures	27.89
Bushes	
Current Fallow	6.177
Other Fallow	5.169
Agricultural Land	
Area Sown	56.796
Kharif	1.64 lac ha
Rabi	1.40 lac ha
Zaid	
Cropping Intensity	163.8 %

Irrigated Area with Different Sources:

S. No.	Description	Area (ha)
1	Canal	16.864
2	Well	0.706
3	Tube well	43.187
4	Ponds	1.824
5	Others	

Soil types

S. No.	Soil type	Characteristics	Area "000 ha"
1	Vertisols (Kanhar-clayey)	-	103.34
2	Inceptisol (Matasi-Sandyloam)	-	27.62
3	Alfisols (Dorsa-clayloam)	-	23.13
4	Entisol (Bhata-gravelly)	-	23.06
5	Others (Sandy)	-	16.35
	Total		198.50

Note: Figure. In parenthesis denotes the percentage of total area.

Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (Qt.)	Productivity (Q /ha)
1	Paddy	82830	269198	3250
2	Soybean	16930	26546	1568
3	Groundnut	5465	10001	1830
4	Pigeon pea	24600	40713	1655
5	Moong	2250	1031	458
6	Urd	5370	4258	793
7	wheat	16500	35475	2150
8	Rapeseed	6100	4184	680
9	Linseed	2500	863	345
10	Chickpea	9300	43530	1280
11	Sugarcane	31600	2488500	78750

Weather data (Jan, 2022- Dec., 2022)

Month /Year	Rainfall (m. m.)	Temperature (° C)	
		Maximum	Minimum
Jan, 22		28	12
Feb, 22		36	10
Mar, 22		40	13
Apr, 22		44	33
May, 22		45	28
Jun, 22	128.2	47	27
July, 2022	416.2	35	30
Aug., 2022	398.9	36	27
Sept., 2022	153.1	35	27
Oct. 2022		32	18
Nov. 2022		29	17
Dec. 2022		31	18

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred/ Indigenous</i>	358678	..... MT.	..... kg
Buffalo	40090	..... MT.	..... kg
Sheep			
<i>Crossbred/ Indigenous</i>	829	..... MT wool	..... kg
Goats	77181	..... MT	..... kg
Pigs <i>Crossbred/ Indigenous</i>	4812	---	---
Rabbits	174		
Poultry			
Hens	168	..... Lakh eggs	..... eggs/ bird/yr
Turkey and others	19		
Category	Area	Production	Productivity
Fish	7194 (ha)	19500 Q/ month	..... Q/ ha.

Details of Operational area / Villages (2022)

Sl. No.	Tehsil	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Kawardha	Kawardha	Barpelatola	OFT, FLD, CFLDs	Varietal	Varietal Evaluation
2	S. Lohara	S. Lohara	Budhwara	OFT, FLD, CFLDs	Farm Mechanization	Farm Mechanization
3	S. Lohara	S. Lohara	Gangpur	OFT, FLD, CFLDs	Farm Mechanization	Farm Mechanization
4	S. Lohara	S. Lohara	Saliha	OFT, FLD, CFLDs	IDM, IPM, ICM	IDM, IPM, ICM
5	S. Lohara	S. Lohara	Kosmanda	OFT, FLD, CFLDs	IDM, IPM, ICM	IDM, IPM, ICM
6	S. Lohara	S. Lohara	Bandhatola	OFT, FLD, CFLDs	Farm Mechanization	Farm Mechanization

Priority / Thrust areas

S. No.	Particulars
1.	➤ Introduction of sugarcane varieties resistant to Whip Smut
2.	➤ Varietal replacement in various crops
3.	➤ Change in Paddy-chick pea/ soybean- chick pea cropping systems
4.	➤ Introduction of sugarcane varieties resistant to red rot, root borer and shoot borer
5.	➤ Insuring production and availability of <i>Trichoderma viride</i> locally
6.	➤ Combined use of organic manures and inorganic fertilizer
7.	➤ Enhancement of milk & meat productivity through improved breeds
8.	➤ Farm mechanization through improved agricultural implements
9.	➤ Employment generation for rural women & rural youth through income generation activities

TECHNICAL PROGRAMME

A. Details of targeted mandatory activities by KVK

OFT		FLD and CFLD	
1		2	
Number of OFTs	Number of Farmers	Number of FLDs	Number of Farmers
17	72	16	199

Training		Extension Activities	
3		4	
Number of Courses	Number of Participants	Number of activities	Number of participants
145	4175	23	155

Seed Production (Qtl.)	Planting material (Nos.)
1000	21900

B. Abstract of interventions to be undertaken

S. N o.	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	Weed Management	Rice	Heavy Yield Loss due to Weed Infestation,	Assessment of Chemical weed management in rice		2		2	Weedicide
2	Precision agriculture	Rice	Low yield of Rice due to Rice Sheath blight	Assessment of Integrated diseases management of Sheath blight of Rice		2		2	Fungicide
3	Precision agriculture	Rice	Low yield of Rice due to Sheath rot	Assessment of Integrated diseases management of Sheath rot of Rice		2		2	IDM inputs
4	Varietal Assessment	Soybean	Use of low yielding variety	Assessment of High yielding variety of Soybean		2		2	Seed
5	Precision agriculture	Pigeon pea	Low yield of Pigeon pea due to incidence of wilt	Assessment of <i>Trichoderma mutant culture</i> for management of Pigeon pea wilt		2		2	<i>Trichoderma culture</i>
6	Precision agriculture	Banana	Heavy crop loss due to Sigatoka disease in Banana	Assessment of Integrated Disease Management of Sigatoka disease of Banana		2		2	Fungicide
7	Precision agriculture	Tomato	Heavy crop loss due to Blight disease in Tomato.	Assessment of Integrated disease management in early blight of tomato		2		2	Fungicide
8	Weed management	Chickpea	Heavy Yield Loss due to Weed Infestation	Assessment of chemical weed management in Chickpea		2		2	Weedicide
9	farm mechanization	Chickpea	Low yield Due to traditional method of sowing & water logging	Assessment of Raised bed planter for line sowing of Chickpea		2		2	Raised bed Planter
10	farm mechanization	wheat	Low yield Due to traditional method of sowing	Assessment of Happy seeder for sowing of wheat		2		2	Happy seeder
11	Farm mechanization	Sugarcane	Farmers generally work for leaves-removing proceeds by manually is more time and labour intensive	Assessment of Sugarcane leaf scraper		2		2	Sugarcane leaf scraper
12	Integrated Crop Management	Sugarcane+onion	Farmers only take sole sugarcane	Assessment of sugarcane Onion Intercropping		2		2	seed
13	Varietal evaluation	Chilli	Low yield due to attack of thrips and anthracnose	Assessment of High yielding variety of Chilli		2		2	seed
14	Varietal evaluation	Onion	Area of soybean production decreases due to low yield.	Assessment of Onion cultivation under upland farming situation during Kharif season		2		2	seed
15	Varietal evaluation	Tomato	Lack of high yielding potential variety with long distance transportation capacity, free from tomato leaf curl virus.	Assessment of High Yielding varieties of Tomato		2		2	seed
16	Varietal evaluation	fruits & Vegetables	Bulk production of Tomato	Assessment of value addition of fruits & Vegetables for nutritional security of farm families		2		2	Tomato, spices & preservative
17	INM	Enterprise	Traditional method requires long duration to decomposition, not fully decomposed, produce available once in a year	Assessment of Smart Ghuruwa Khad technique		5		5	Model Ghuruwa

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
Weed Management	01									
Precision agriculture	01									
Precision	01									

agriculture										
Varietal Assessment		01								
Precision agriculture			01							
Precision agriculture						1				
Precision agriculture					1					
Weed management			1							
farm mechanization			1							
farm mechanization	1									
Farm mechanization				1						
Integrated Crop Management				1						
Varietal evaluation					1					
Varietal evaluation					1					
Varietal evaluation					1					
Varietal evaluation					1					
TOTAL	4	1	3	2	5	1				

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
TOTAL								

Details of On Farm Trial (OFT)

OFT-1

Crop / Enterprise	
Title of on farm trial	
Problem diagnosed	
Farmers' Practices	
Details of technologies selected for assessment	T ₁
	T ₂
Source of technology	
Plot size	
No. of farmers	
Total cost	
Critical input	
Performance indicators: (i) Technical- yield (q/ ha) (ii) Economic (iii) Social – Employment generation	

OFT -1

Detailed Information about OFT:

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of Chemical weed management in rice
Year/Season:	2023/Kharif

Farming situation:	Rainfed
Problem diagnosis:	Heavy Yield Loss due to Weed Infestation, Labour Problem
Thematic area:	Weed Management
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	Application of Pretilachlor (6%) + Pyrazosulfuron (0.15% GR) at 600+15 g/ha at 6-8 days after transplanting and thin layer of water for 2-3 days
T1 – Farmers Practice-	Farmers Practice (Delayed Manual Weeding)
T2 –Recommended Practice-	Application of Pretilachlor (6%) + Pyrazosulfuron (0.15% GR) at 600+15 g/ha at 6-8 days after transplanting and thin layer of water for 2-3 days
T3- Recommended Practice-	
Date of sowing:	15.07.2023
Date of harvesting:	15.11.2023
Source of technology:	NIBSM, Raipur
Characteristics of technology:	6-8 days after transplanting and thin layer of water for 2-3 days
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Plant Protection
Title of on-farm trial:	Assessment of Integrated diseases management of Sheath blight of Rice
Year/Season:	2023/Kharif
Farming situation:	Rainfed
Problem diagnosis:	Low yield of Rice due to Rice Sheath blight
Thematic area:	Precision agriculture
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Use of not recommended fungicide for the control of disease
T2 –Recommended Practice-	1.Seed treatment with <i>Pseudomonas fluorescens</i> @ of10g/kg of seed followed by seedling dip @ of 2.5 kg or products/ha dissolved in 100 litres and dipping for 30 minutes. 2.Soil application of <i>P.fluorescens</i> @ of 2.5 kg/ha after 30 days of transplanting (<i>P.fluorescens</i> should be mixed with 50 kg of FYM/Sand and then applied
T3- Recommended Practice-	Propiconazole (1ml/lit)
Date of sowing:	10.07.2023
Date of harvesting:	20.11.2023
Source of technology:	IGKV, Raipur
Characteristics of technology:	Is ideal for effective and economic control of sheath blight and associated yield losses.
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	
Name of Discipline	Plant Protection
Title of on-farm trial:	Assessment of Integrated diseases management of Sheath rot of Rice
Year/Season:	2023/Kharif
Farming situation:	Rainfed
Problem diagnosis:	Low yield of Rice due to Sheath rot

Thematic area:	Precision agriculture
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Use of not recommended fungicide for the control of disease
T2 –Recommended Practice-	1.Seed treatment with <i>Pseudomonas fluorescens</i> @ of 10g/kg of seed followed by seedling dip @ of 2.5 kg or products/ha dissolved in 100 litres and dipping for 30 minutes. 2.Soil application of <i>P.fluorescens</i> @ of 2.5 kg/ha after 30 days of transplanting (<i>P.fluorescens</i> should be mixed with 50 kg of FYM/Sand and then applied.
T3- Recommended Practice-	Propiconazole (1ml/lit)
Date of sowing:	10.07.2023
Date of harvesting:	20.11.2023
Source of technology:	IGKV,Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of High yielding variety of Soybean
Year/Season:	2023/Kharif
Farming situation:	Rainfed
Problem diagnosis:	Use of low yielding variety
Thematic area:	Varietal Assessment
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Soybean (JS-93-05,JS-95-60)
T2 –Recommended Practice-	Improved high yielding variety JS-20-98 of Soybean
T3- Recommended Practice-	
Date of sowing:	10.07.2023
Date of harvesting:	20.11.2023
Source of technology:	JNKV
Characteristics of technology:	It possesses high yielding potential under adverse and normal situations both.
Name of Crop/Enterprises:	Soybean
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Plant Protection
Title of on-farm trial:	Assessment of <i>Trichoderma mutant culture</i> for management of Pigeon pea wilt
Year/Season:	2023/Kharif
Farming situation:	Rainfed

Problem diagnosis:	Low yield of Pigeon pea due to incidence of wilt diseases of Pigeon pea
Thematic area:	Precision agriculture
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Use of not recommended fungicide for the control of disease
T2 –Recommended Practice-	Seed treatment as well as soil treatment with <i>Trichoderma mutant culture</i>
T3- Recommended Practice-	
Date of sowing:	10.07.2023
Date of harvesting:	20.11.2023
Source of technology:	BARC ,Mumbai
Characteristics of technology:	
Name of Crop/Enterprises:	Pigeon pea
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Plant Protection
Title of on-farm trial:	Assessment of Integrated Disease Management of Sigatoka disease of Banana
Year/Season:	2023/Kharif
Farming situation:	Rainfed
Problem diagnosis:	Heavy crop loss due to Sigatoka disease in Banana
Thematic area:	Precision agriculture
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Use of not recommended fungicide for the control of disease
T2 –Recommended Practice-	Metiram 55% + Pyraclostrobin 5% WG@ 2.0 gm/litre of water/Cultural practices/maintain proper spacing /avoid water logging /remove affected leaf
T3- Recommended Practice-	
Date of sowing:	10.07.2023
Date of harvesting:	20.11.2023
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Banana
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Plant Protection
Title of on-farm trial:	Assessment of Integrated disease management in early blight of tomato
Year/Season:	2023/Kharif
Farming situation:	Rainfed
Problem diagnosis:	Heavy crop loss due to Blight disease in Tomato.

Thematic area:	Precision agriculture
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Non judicious use of Fungicide
T2 –Recommended Practice-	Use of Tebuconazole @ 1.0 gm/litre of water/Cultural practices/Tolerant Variety /Staking /Seed treatment /weed control Proper drainage and use of biological agent
T3- Recommended Practice-	
Date of sowing:	10.07.2023
Date of harvesting:	20.11.2023
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Tomato
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of chemical weed management in Chickpea
Year/Season:	2023-24/Rabi
Farming situation:	Irrigated
Problem diagnosis:	Heavy Yield Loss due to Weed Infestation, Labour Problem Major Weed (Medic ago denticulata)
Thematic area:	Weed management
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	No use of herbicides, delayed manual weeding due to labour problem
T2 –Recommended Practice-	Use of Topramezone33.6% SC @20.6g/ha PoE
T3- Recommended Practice-	
Date of sowing:	05.11.2023
Date of harvesting:	10.03.2024
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Chickpea
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Agri Engineering
Title of on-farm trial:	Assessment of Raised bed planter for line sowing of Chickpea
Year/Season:	2023-24/Rabi
Farming situation:	Irrigated

Problem diagnosis:	Low yield Due to traditional method of sowing because broadcasting and Line sowing causes improper coverage of seed and fertilizer, Drainage or water logging
Thematic area:	Chickpea Production technology through farm mechanization
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Sowing of chickpea through Seed cum fertilizer drill
T2 –Recommended Practice-	Sowing of chickpea through Raised bed planter
T3- Recommended Practice-	
Date of sowing:	05.11.2023
Date of harvesting:	10.03.2024
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Chickpea
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Agri Engineering
Title of on-farm trial:	Assessment of Happy seeder for sowing of wheat
Year/Season:	2023-24/Rabi
Farming situation:	Irrigated
Problem diagnosis:	Low yield Due to traditional method of sowing Because due to lack aware of moisture condition in the field causes less germinations of seeds
Thematic area:	Wheat Production technology through farm mechanization
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Sowing of chickpea through Seed cum fertilizer drill
T2 –Recommended Practice-	Sowing of wheat through happy seeder
T3- Recommended Practice-	
Date of sowing:	15.11.2023
Date of harvesting:	10.03.2024
Source of technology:	IGKV, Raipur
Characteristics of technology:	The Happy Seeder features a front-mounted rotavator unit that compacts paddy stubble into the soil and prepares field beds
Name of Crop/Enterprises:	Chickpea
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Agri Engineering
Title of on-farm trial:	Assessment of Sugarcane leaf scraper
Year/Season:	2023-24/Rabi
Farming situation:	Irrigated

Problem diagnosis:	Farmers generally work for leaves-removing proceeds by manually is more time and labour intensive work. in this methods not fully leaves-removed by manually could carry some soil, sand and mud, thus damaging the downstream sugarcane process machine and reduced sugar yield
Thematic area:	Farm mechanization
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Manually removing leaf of sugarcane by sickles
T2 –Recommended Practice-	Use of sugarcane Leaf scrapping tools
T3- Recommended Practice-	
Date of sowing:	15.11.2023
Date of harvesting:	10.11.2024
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of sugarcane Onion Intercropping
Year/Season:	2023-24/Rabi
Farming situation:	Irrigated
Problem diagnosis:	Farmers only take sole sugarcane
Thematic area:	Integrated Crop Management
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Sole Sugarcane
T2 –Recommended Practice-	Sugarcane: Onion (1:3) (120cmx60)
T3- Recommended Practice-	
Date of sowing:	15.12.2023
Date of harvesting:	20.03.2024
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Onion Sugarcane
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Horticulture
Title of on-farm trial:	Assessment of High yielding variety of Chilli
Year/Season:	2023/Kharif
Farming situation:	Midland Irrigated
Problem diagnosis:	Low yield due to attack of thrips and anthracnose

Thematic area:	Varietal evaluation
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Use of Hybrids-NS 1701
T2 –Recommended Practice-	Hybrid- Kashi Ratna
T3- Recommended Practice-	
Date of sowing:	15.06.2023
Date of harvesting:	10.03.2024
Source of technology:	IIVR, Varanasi
Characteristics of technology:	
Name of Crop/Enterprises:	Chilli
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Horticulture
Title of on-farm trial:	Assessment of Onion cultivation under upland farming situation during Kharif season
Year/Season:	2023/Kharif
Farming situation:	Upland Rainfed
Problem diagnosis:	Area of soybean production decreases due to low yield under Rainfed upland farming situation in the district.
Thematic area:	Varietal evaluation
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Cultivation of Soybean
T2 –Recommended Practice-	Onion cultivation var. Bhima dark red with recommended POP
T3- Recommended Practice-	
Date of sowing:	15.06.2023
Date of harvesting:	10.11.2023
Source of technology:	DOGR, Pune
Characteristics of technology:	
Name of Crop/Enterprises:	Onion
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Horticulture
Title of on-farm trial:	Assessment of High Yielding varieties of Tomato
Year/Season:	2023/Rabi
Farming situation:	Upland Irrigated
Problem diagnosis:	Lack of high yielding potential variety with long distance transportation capacity,

	free from tomato leaf curl virus.
Thematic area:	Varietal evaluation
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Use of Hybrids- Abhilash
T2 –Recommended Practice-	OP variety- Kashi Adarsh
T3- Recommended Practice-	
Date of sowing:	15.11.2023
Date of harvesting:	10.03.2024
Source of technology:	IIVR, Varanasi
Characteristics of technology:	
Name of Crop/Enterprises:	Tomato
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Horticulture
Title of on-farm trial:	Assessment of value addition of fruits &Vegetables for nutritional security of farm families
Year/Season:	2023/Kharif and Rabi
Farming situation:	Upland Irrigated
Problem diagnosis:	Bulk production of fruits & vegetables like Tomato, potato, Guava, mango, Bael, Aonla, Ambadi during season are not stored for longer period
Thematic area:	Varietal evaluation
No of trials:	04
No. of farmers involved	04
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Drying of Vegetables for home consumption
T2 –Recommended Practice-	Preparation of Sauce, Ketchup, pickles, marmalade ,Jelly & RTS
T3- Recommended Practice-	
Date of sowing:	
Date of harvesting:	
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Fruits & Vegetables
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Name of Discipline	Agronomy
Title of on-farm trial:	Assessment of Smart Ghuruwa Khad technique
Year/Season:	
Farming situation:	
Problem diagnosis:	Traditional method requires long duration to decomposition, not fully decomposed, produce available once in a year
Thematic area:	INM
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Traditional method of Ghuruwa Khad
T2 –Recommended Practice-	Base of Ghuruwa made compact with bricks, gravels etc. divide of pit in two parts in particular size, added Trichoderma for fast decomposition, Final produce mix with different culture (PSB+ Azotobactor) at the time of spreading in the field Collection of manure two time in a year
T3- Recommended Practice-	
Date of sowing:	-
Date of harvesting:	-
Source of technology:	IGKV, Raipur
Characteristics of technology:	
Name of Crop/Enterprises:	Enterprises
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Information about Extension OFT:

Title	
Season & Year	
Problem identified	
Thematic Area	
Farming situation	
Name of Technology Intervention under study	
Farmers Practice	
No. of replication (Farmers)	

Results / findings

Performance indicators/ parameters	Unit/ details

Information about Home Science OFT:

Title of on-farm trial:	
Year/Season:	
Problem diagnosis:	
Thematic area: (Focus area in DFI and nutri smart initiatives)	
No of trials:	
No. of farmers/farm women involved	
Type of OFT (Assessment/ Refinement):	
Details of technology selected for assessment:	
T1 – Farmers Practice-	
T2 –Recommended Practice-	
Source of technology:	
Characteristics of technology:	
Name of Crop/Enterprises:	
Farming situation:	
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Frontline Demonstrations

Details of FLDs to be organized (Based on soil test analysis)

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demonstration	Parameters identified for performance evaluation
1	Rice	Integrated crop management	Demonstration on Crop Management Practices in Line Sown Direct Seeded Rice	Seed, Herbicide	Kharif 2023	5.0	12	No. of effective tillers/m ² , Yield data, Net return, B:C ratio
2	Soybean	Integrated crop management	Demonstration on High Yielding Variety of Soybean RSC-10-46	Seeds	Kharif-2023	5.00	12	No. of pods/plant, Yield, Net return, B:C ratio
3	Soybean	Precision agriculture	Demonstration of Integrated disease management of Soybean	Trichoderma and fungicide	Kharif-2023	5.00	12	Disease Incidence (%) , yield, B:C ratio
4	Chickpea	Integrated crop management	Demonstration on High Yielding Variety of Chickpea (RVG-204)	Seeds	Rabi-2023-24	5.00	12	No. of pods/plant, Yield, Net return, B:C ratio
5	Chickpea	Precision agriculture	Demonstration of <i>Trichoderma viride</i> for control of chickpea collar rot	Trichoderma	Rabi-2023-24	5.00	12	No. of plants infested/m ² no. of Pod/plant, yield, B:C ratio
6	Wheat	Integrated crop management	Demonstration on High Yielding Variety of Wheat (C.G. Amber wheat)	Seeds	Rabi-2023-24	5.00	12	No. of pods/plant, Yield, Net return, B:C ratio
7	Brinjal	Varietal Evaluation	Demonstration of Chhattisgarh Safed baigan-1	Seed	Kharif-2023	1.0	12	Average yield/ha, B:C Ratio
8	Sem	Varietal evaluation	Demonstration of Indira Sem-2	Seed	Kharif - 2023	1.0	12	Average yield/ha, B:C Ratio
9	Colocasia	Varietal evaluation	Demonstration of Indira Arbi-1	Tuber	Rabi - 2023-24	1.0	12	Average yield/ha, B:C Ratio

Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	10	November and February	1000
2	Farmers Training	48	June to March	500
3	Media coverage	40	June to March	-
4	Training for extension functionaries	04	June and November	100

Details of FLD on Enterprises

Farm Implements

*Field efficiency, labour saving etc.

Name of the implement	crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated	
							Demon.	Local check
Inclined Plate Planter	Rice	Kharif 2023	13	5.00	Machine for Demonstration	Field Capacity, Yield, Net returns, B:C ratio	Field Capacity, Yield, Net returns, B:C ratio	Field Capacity, Yield, Net returns, B:C ratio
Broad Bed Furrow seed drill.	Soybean	Kharif 2023	13	5.00	Machine for Demonstration	Field Capacity, Yield, Net returns, B:C ratio	Field Capacity, Yield, Net returns, B:C ratio	Field Capacity, Yield, Net returns, B:C ratio
Broad Bed Furrow seed drill	Chickpea	Rabi 2023-24	13	5.0	Machine for Demonstration	Field Capacity, Yield, Net returns, B:C ratio	Field Capacity, Yield, Net returns, B:C ratio	Field Capacity, Yield, Net returns, B:C ratio
Seed Cum fertilizer Drill	Wheat	Rabi 2023-24	13	5.0	Machine for Demonstration	Field Capacity, Yield, Net returns, B:C ratio	Field Capacity, Yield, Net returns, B:C ratio	Field Capacity, Yield, Net returns, B:C ratio

*Field efficiency, labour saving etc.

Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated	
						Demo.	Local check

*Milk production, meat production, egg production, reduction in disease incidence etc.

Other Enterprises

Enterprise	Variety/breed/Species /others	No. of farmers	No. of Units/ area	Critical inputs	Performance parameters/ indicators	Data on parameter in relation to technology demonstrated	
						Demo.	Local check
Oyster mushroom	Mushroom	12		Spawn	Income and employment generation / year, B:C Ratio	Income and employment generation / year, B:C Ratio	Income and employment generation / year, B:C Ratio
Sugarcane	Sugarcane	12	5.00	fungicide	No of infected plant/m ² , Yield, Net return, B:C ratio	No of infected plant/m ² , Yield, Net return, B:C ratio	No of infected plant/m ² , Yield, Net return, B:C ratio
Badi cultivation	Fruits & Vegetables	12	1.0	Seed	Average yield/ha, B:C Ratio	Average yield/ha	B:C Ratio

Cluster Demonstration of Oilseed and Pulses under NFSM (2023-24)

Sl. No.	Crop	Thematic area	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demonstration	Parameters identified
1	Soybean	Crop production	BBF,Raised Bed Planting,Line Sowing	Seed, PSB, Rhizobium Culture	Kharif 2023	30	75	No. of pods/plant, Yield, Net return, B:C ratio
2	Pigeon pea	Crop production	Raised Bed Line Planting, Sowing	Seed, Trichoderma, PSB, Rhizobium Culture	Kharif 2023	20	50	No. of pods/plant, Yield, Net return, B:C ratio
3	Chickpea	Crop production	BBF,Raised Bed Planting,Line Sowing	Seed, Trichoderma, PSB, Rhizobium Culture	Rabi-2023	40	100	No. of pods/plant, Yield, Net return, B:C ratio
4	Linseed	Crop	Line Sowing	Seed, PSB,	Rabi-2023	20	50	No. of pods/plant, Yield, Net

5	Mustard	production Crop production	Line Sowing	Rhizobium Culture Seed, , PSB, Rhizobium Culture	Rabi-2023	20	50	return, B:C ratio No. of pods/plant, Yield, Net return, B:C ratio
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Extension and Training activities under CFLDs Oilseed and Pulses

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	05	October to march	500
2	Farmers Training	15	October to march	100
3	Media coverage	20	October to march	100
4	Training for extension functionaries	02	October to march	50

Training (Including the sponsored and FLD training programmes):

A) ON Campus

Thematic Area	No. of Courses	Duration (Days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management	01	01	35	6	41	12	0	12	53
Resource Conservation Technologies	01	01	70	23	93	11	22	33	126
Integrated Farming	04	01	53	22	75	8	9	17	92
Water management	02	01	17	3	20	2	4	6	26
Seed production	04	01	67	20	86	11	22	33	119
Integrated Crop Management	04	01	16	2	18	0	6	6	24
Total	16	6	258	76	333	44	63	107	258
II Horticulture									
a) Vegetable & fruit Crops									
Off-season vegetables	3	3	27	6	33	5	4	9	42
Protective cultivation (Green Houses, Shade Net etc.)	2	2	27	7	34	10	7	17	51
Total	5	5	54	13	67	15	11	26	
b) Fruits									
Management of young plants/orchards	02	01	20	25	45	5	10	15	60
Total	02	01	22	30	52	5	15	10	62
c) Ornamental Plants									
Total	02	01	18	20	38	5	10	15	53
d) Plantation crops									
Total	02	01	22	25	47	5	10	15	62
e) Tuber crops									
Total	02	01	18	22	40	5	7	12	52
e) Tuber crops									
Total	02	01	20	25	45	5	10	15	60
Total	02	01	10	25	35	12	10	22	57

Thematic Area	No. of Courses	Duration (Days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
f) Spices									
Production and Management technology	02	01	15	25	40	5	5	10	50
Total	18	9	170	219	389	54	84	128	
g) Medicinal and Aromatic Plants									
Production and management technology	2	2	26	6	32	5	4	9	41
Total	2	2	26	6	32	5	4	9	2
Grand total (Horticulture)	25	16	250	238	488	74	99	163	610
III Soil Health and Fertility Management									
Soil fertility management	2	2	17	3	20	0	2	2	22
Soil and Water Conservation	2	1	16	9	25	2	1	3	28
Integrated Nutrient Management	2	2	16	9	25	2	1	3	28
Production and use of organic inputs	2	2	48	3	51	2	2	4	55
Management of Problematic soils	1	1	31	2	33	18	1	19	52
Micro nutrient deficiency in crops	1	1	16	9	25	2	1	3	28
Nutrient Use Efficiency	1	1	16	9	25	2	1	3	28
Soil and Water Testing	2	2	48	3	51	2	2	4	55
Total	13	12	208	47	255	30	11	41	
IV Livestock Production and Management									
Dairy Management	02	01	17	3	20	0	2	2	22
Poultry Management	02	01	16	9	25	2	1	3	28
Disease Management									
Feed management	02	01	16	9	25	2	1	3	28
Production of quality animal products	02	01	48	3	51	2	2	4	55
Total	08	04							
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									

Thematic Area	No. of Courses	Duration (Days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
nutrient efficiency diet									
Minimization of nutrient loss in processing									
Gender mainstreaming through SHGs									
Value addition									
Income generation activities for empowerment of rural Women									
Location specific drudgery reduction technologies									
Women and child care									
Total									
VI Agril. Engineering									
Total									
VII Plant Protection									
Integrated Pest Management	2	2	66	19	85	21	11	32	117
Integrated Disease Management	2	2	77	33	110	12	20	32	142
Bio-control of pests and diseases	2	2	64	16	80	16	39	55	135
Production of bio control agents and bio pesticides	2	2	60	27	87	18	12	30	117
Total	8	8	267	95	362	67	82	149	
VIII Fisheries									
Integrated fish farming	02	01	55	16	71	16	39	55	126
Total	02	01	55	16	71	16	39	55	126
IX Production of Inputs at site									
Vermi-compost production	04	01	27	6	33	5	4	9	42
Organic manures production	04	01	26	6	32	5	4	9	41
Total	08	02							
X Capacity Building and Group Dynamics									
Leadership development	01	01	64	16	80	16	39	55	135
Group dynamics	2	2	27	6	33	5	4	9	42
Formation and Management of SHGs	02	01	26	6	32	5	4	9	41

Thematic Area	No. of Courses	Duration (Days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Mobilization of social capital	04	01	27	6	33	5	4	9	42
Entrepreneurial development of farmers/youths	02	01	55	16	71	16	39	55	126
WTO and IPR issues	01	01	27	6	33	5	4	9	42
Total	12	7	226	56	282	52	94	146	
XI Agro-forestry									
Total									
XII Others (Pl. Specify)	05	01	10	22	32	25	22	47	79
Grand Total	111	61							
(B) RURAL YOUTH									
Mushroom Production	08	01	25	26	51	14	10	24	75
Bee-keeping	01	01	22	25	47	27	1	28	75
Seed production	05	01	33	5	38	10	2	12	50
Planting material production	04	01	30	5	35	11	14	25	60
Vermi-culture	06	01	37	10	47	25	14	39	86
Value addition	05	01	22	22	44	15	14	29	73
Sheep and goat rearing	01	01	23	5	28	6	7	13	41
Para extension workers	01	01	35	6	41	8	9	17	58
TOTAL	31	08							
(C) Extension Personnel									
Productivity enhancement in field crops	04	01	10	11	21	15	4	19	40
Integrated Pest Management	02	01	15	5	20	10	4	14	34
Integrated Nutrient management	02	01	22	5	27	17	15	32	59
Protected cultivation technology	02	01	36	9	45	0	1	1	46
Group Dynamics and farmers organization	01	01	5	6	11	7	8	15	26
Capacity building for ICT application									
Livestock feed and fodder production	01	01	38	3	41	5	6	11	52
Production and use of organic inputs	02	01	12	12	24	5	6	11	35
Gender	04	01	15	8	23	6	9	15	38

Thematic Area	No. of Courses	Duration (Days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
mainstreaming through SHGs									
Any other (Pl. Specify)	05	01	18	2	20	9	8	17	37
TOTAL	24	09							

B) OFF Campus

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management	04	01	35	6	41	12	0	12	53
Resource Conservation Technologies	02	01	70	23	93	11	22	33	126
Cropping Systems	02	01	53	22	75	8	9	17	92
Crop Diversification	03	01	17	3	20	2	4	6	26
Integrated Farming	02	01	67	20	86	11	22	33	119
Water management	02	01	16	2	18	0	6	6	24
Seed production	04	01	27	6	33	5	4	9	42
Nursery management	04	01	27	7	34	10	7	17	51
Integrated Crop Management	04	01	20	25	45	5	10	15	60
Fodder production	01	01	22	30	52	5	15	10	62
Production of organic inputs	02	01	18	20	38	5	10	15	53
Total	30	11							
II Horticulture									
a) Vegetable Crops									
Nursery raising	02	01	18	22	40	5	7	12	52
Export potential vegetables	01	01	20	25	45	5	10	15	60
Protective cultivation (Green Houses, Shade Net etc.)	02	01	10	25	35	12	10	22	57
b) Fruits	05	01	17	3	20	0	2	2	22
Cultivation of Fruit	01	01	16	9	25	2	1	3	28
Management of young plants/orchards	02	01	16	9	25	2	1	3	28
Export potential of ornamental plants	02	01	48	3	51	2	2	4	55
Propagation techniques of Ornamental Plants	02	01	31	2	33	18	1	19	52
d) Plantation crops	02	01	16	9	25	2	1	3	28
e) Tuber crops	01	01	16	9	25	2	1	3	28
f) Spices	01	01	16	9	25	2	1	3	28
g) Medicinal and Aromatic Plants	04	01	10	25	35	12	10	22	57

III Soil Health and Fertility Management									
Soil fertility management	01	01	25	26	51	14	10	24	75
Soil and Water Conservation	01	01	22	25	47	27	1	28	75
Integrated Nutrient Management	01	01	33	5	38	10	2	12	50
Production and use of organic inputs	01	01		5	35		14		
			30			11		25	60
Management of Problematic soils	01	01	37	10	47	25	14	39	86
Micro nutrient deficiency in crops	01	01	22	22	44	15	14	29	73
Nutrient Use Efficiency	01	01	23	5	28	6	7	13	0
Soil and Water Testing	02	01	37	10	47	25	14	39	41
IV Livestock Production and Management									
Dairy Management	01	01	15	5	20	10	4	14	86
Poultry Management	01	01	22	5	27	17	15	32	34
Disease Management	01	01	36	9	45	0	1	1	59
Feed management	01	01	38	3	41	5	6	11	46
Production of quality animal products	01	01	12	12	24	5	6	11	52
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									
Total									
VI Agril.	10	10	35	6	41	8	9	17	

Engineering									
VII Plant Protection									
Integrated Pest Management	02	01	64	16	80	16	39	55	135
Integrated Disease Management	02	01	27	6	33	5	4	9	42
Bio-control of pests and diseases	02	01	26	6	32	5	4	9	41
Production of bio control agents and bio pesticides	02	01	27	6	33	5	4	9	42
VIII Fisheries	02	01	26	6	32	5	4	9	41
IX Production of Inputs at site									
X Capacity Building and Group Dynamics									
Leadership development									
Group dynamics									
Formation and Management of SHGs	04	01	25	26	51	14	10	24	75
Mobilization of social capital	01	01	22	25	47	27	1	28	75
Entrepreneurial development of farmers/youths	01	01	33	5	38	10	2	12	50
WTO and IPR issues									0
XI Agro-forestry									0
XII Others (Pl. Specify)	05	01	37	10	47	25	14	39	86
TOTAL	31	19							
(B) RURAL YOUTH									
Production of organic inputs	04	01	22	22	44	15	14	29	73
Sheep and goat rearing	01	01	23	5	28	6	7	13	41
TOTAL	05	02							
(C) Extension Personnel	02	01	35	6	41	8	9	17	58
TOTAL	02	01							

Annexure – I: Experts discipline wise Training Programme

i) Farmers & Farm women

1. On Campus

Month/ Tentative Date	Clientele	Title of the training programme	Duration in days	Number of participants						Grand Total
				Others			Number of SC/ST			
				Male	Female	Total	Male	Female	Total	
Crop Production										
April 2023	FW	Commercial fruit production	01							
Jan to Dec 2023	FW	Integrated farming	01							
June 2023 and Oct 2023	FW	Seed production	01							
June 2023 and Oct 2023	FW	Production of organic inputs	01							
Jan to Dec 2023	FW	Planting material production	01							
Jan to Dec 2023	FW	Vermi culture	01							
Horticulture										
June 2023	FW	Nursery Management	01							
Jan to Dec 2023	FW	pruning of orchards	01							
Oct 2023	FW	Protected cultivation of vegetable crops	01							
June 2023 and Oct 2023	FW	Commercial fruit production	01							
Oct to Feb 2023	FW	Mushroom Production	01							
June 2023 and Oct 2023	FW	Rearing of beekiping	01							
Livestock production										
Home Science										
Plant Protection										
July 2023	FW	Integrated disease management of Rice	01							
Sep 2023	FW	Integrated disease management of Paigeonpea	01							
Sep 2023	FW	Integrated disease	01							

		management of Soybean								
Jan 2023 and Dec 2023	FW	Integrated disease management of Sugarcane	01							
Oct to Feb 2023	FW	Integrated disease management of Chickpea	01							
Oct to Feb 2023	FW	Integrated disease management of Vegetables	01							
Agriculture Extension (Capacity Building and Group Dynamics)										
Soil Science										

2. Off Campus

Month/ Tentative Date	Clientele	Title of the training programme	Duration in days	Number of participants						Grand Total
				Others			Number of SC/ST			
				Male	Female	Total	Male	Female	Total	
Crop Production										
April 2023	FW	Commercial fruit production	01							
June 2023 and Oct 2023	FW	Seed production	01							
June 2023 and Oct 2023	FW	Production of organic inputs	01							
Jan to Dec 2023	FW	Vermi culture	01							
Horticulture										
June 2023	FW	Nursery Management	01							
Jan to Dec 2023	FW	pruning of orchards	01							
Oct 2023	FW	Protected cultivation of vegetable crops	01							
June 2023 and Oct 2023	FW	Commercial fruit production	01							
Oct to Feb 2023	FW	Mushroom Production	01							
June 2023 and Oct 2023	FW	Rearing of beekiping	01							
Livestock										

Month/ Tentative Date	Clientele	Title of the training programme	Duration in days	Number of participants						Grand Total
				Others			Number of SC/ST			
				Male	Female	Total	Male	Female	Total	
production										
Home Science										
Plant Protection										
July 2023	FW	Integrated disease management of Rice	01							
Sep 2023	FW	Integrated disease management of Pigeonpea	01							
Sep 2023	FW	Integrated disease management of Soybean	01							
Jan 2023 and Dec 2023	FW	Integrated disease management of Sugarcane	01							
Oct to Feb 2023	FW	Integrated disease management of Chickpea	01							
Oct to Feb 2023	FW	Integrated disease management of Vegetables	01							
Agriculture Extension (Capacity Building and Group Dynamics)										
Soil Science										

Vocational Training Programme for Rural Youth:

Month/ Tentative Date	Clientele	Title of the training programme	Duration in days	Number of participants						Grand Total
				Others			Number of SC/ST			
				Male	Female	Total	Male	Female	Total	
Crop Production										
Jan to Dec 2023	RY	Commercial fruit production	01							
Jan to Dec 2023	RY	Integrated farming	01							
Nov 2023	RY	Seed production	01							
June 2023	RY	Production of organic	01							

Month/ Tentative Date	Clientele	Title of the training programme	Duration in days	Number of participants						Grand Total
				Others			Number of SC/ST			
				Male	Female	Total	Male	Female	Total	
		inputs								
Dec 2023	RY	Planting material production	01							
Jan to Dec 2023	RY	Vermi culture	01							
Horticulture										
Jan to Dec 2023	RY	Nursery Management	01							
Jan to Dec 2023	RY	pruning of orchards	01							
Nov 2023	RY	Protected cultivation of vegetable crops	01							
Jan to Dec 2023	RY	Commercial fruit production	01							
Oct to Dec 2023	RY	Mushroom Production	01							
Jan to Dec 2023	RY	Rearing of beekiping	01							
Livestock production										
Home Science										
Plant Protection										
July to Sep 2023	RY	Integrated disease management of Rice	01							
July to Dec 2023	RY	Integrated disease management of Paigeonpea	01							
July to Sep 2023	RY	Integrated disease management of Soybean	01							
Jan to Dec 2023	RY	Integrated disease management of Sugarcane	01							
Nov to Feb 2023	RY	Integrated disease management of Chickpea	01							
Jan to Dec 2023	RY	Integrated disease management of Vegetables	01							
Agriculture Extension (Capacity Building and Group Dynamics)										
Soil Science										

Month/ Tentative Date	Clientele	Title of the training programme	Duration in days	Number of participants						Grand Total
				Others			Number of SC/ST			
				Male	Female	Total	Male	Female	Total	

Training Programme for Extension Functionaries:

Month/ Tentative Date	Clientele	Title of the training programme	Duration in days	Number of participants						Grand Total
				Others			Number of SC/ST			
				Male	Female	Total	Male	Female	Total	
Crop Production										
Aug 2023	IS	Crop Production	1							
Aug 2023	IS	Pest Management in Cereal crop	1							
July 2023	IS	Insect and pest management of Soybean, Linseed and Mustard	1							
Horticulture										
Jan to Dec 2023	IS	Gender mainstreaming through SHGs	1							
Jan to Dec 2023	IS	Formation and Management of SHGs	1							
Jan to Dec 2023	IS	Women and Child care	1							
Jan to Dec 2023	IS	Low cost and nutrient efficient diet designing	1							
Livestock production										
Jan to Dec 2023	IS	Management in farm animals	1							
Jan to Dec 2023	IS	Livestock feed and fodder production	1							
			1							
Home Science										
Plant Protection										
Jan to Dec 2023	IS	Disease and insect management of Chickpea, Pigeon pea and Urd Moong	2							
Jan to Dec 2023	IS	Disease management of Rice , Wheat and Sugarcane	2							
Dec 2023	IS	Disease and insect management	2							

Month/ Tentative Date	Clientele	Title of the training programme	Duration in days	Number of participants						Grand Total
				Others			Number of SC/ST			
				Male	Female	Total	Male	Female	Total	
		of Tomato, Brinjal , Chill i and Califlower								
Agriculture Extension (Capacity Building and Group Dynamics)										
July 2023	IS	Group Dynamics and farmers organization	1							
Jan to Dec 2023	IS	Aware of Crop Doctor Apps and its Uses	1							
Soil Science										
Jan to Dec 2023	IS	Fodder & Vermi Compost Production Technology under NGGB Scheme on	1							
Jan to Dec 2023	IS	Care and maintenance of farm machinery and implements	1							

iii) Sponsored Training Programmes

S. No	Title	Thematic area	Sub Theme	Durati on n	Clie nt PF/ RY/ EF	No. of course s	No. of participants						Spon sor ing age ncy
							Male		Female		Total		
							Othe r	SC/S T	Othe r	SC/S T	Othe r	SC/S T		Tota l
1	Nursery Management	Crop production and management	Increasing production and productivity of crops	1	FW	1							
2	Seed Production	Crop production and management	Increasing production and productivity of crops	1	FW	1							
3	Integrated crop management	Crop production and management	Increasing production and productivity of crops	1	FW	1							
4	Production of organic inputs	Crop production and management	Increasing production and productivity of crops	1	FW	1							
5	Seed Production	Crop production and management	Increasing production and productivity of crops	1	FW	1							

6	Vegetable production technology	Crop production and management	Commercial production of vegetables	1	FW	1									
7	Vegetable production technology	Crop production and management	Production and value addition	1	FW	1									
8	Micro irrigation systems	Crop production and management	Fruit Plants	1	FW	1									
9	Production and use of Ornamental plants	Crop production and management	Ornamental plants	1	FW	1									
10	Methods used for Value addition of spices crop	Crop production and management	Spices crops	1	FW	1									
11	Soil health and fertility management	Crop production and management	Soil health and fertility management	1	FW	1									
12	Use of net shed house for protective cultivation	Crop production and management	Methods of protective cultivation	1	FW	1									
13	Value addition of jaggery	Crop production and management	Value addition of jaggery	1	FW	1									
14	Integrated Pest Management	Crop production and management	Integrated Pest Management	1	FW	1									
15	Production of bio control agents and bio pesticides	Crop production and management	Production of bio control agents and bio pesticides	1	FW	1									
16	Insect Pest of Sugarcane	Crop production and management	Insect Pest Management of Sugarcane	1	FW	1									
17	Diseases of Sugarcane	Crop production and management	Diseases management of Sugarcane	1	FW	1									
18	Diseases of Vegetable crop	Crop production and management	Diseases Management of Vegetable crop	1	FW	1									
19	Disease and Insect of Pulse crop	Crop production and management	Disease and Insect pest management of Pulse crop	1	FW	1									
20	Diseases of Oilseed crop	Crop production and management	Diseases Management of Oilseed crops	1	FW	1									

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	10									
Kisan Mela	02									
Kisan Ghosthi	15									
Exhibition	04									
Film Show	70									
Method Demonstrations	17									
Farmers Seminar	04									
Workshop	12									
Group meetings	12									
Lectures delivered as resource persons	05									
Newspaper coverage	70									
Radio talks	05									
TV talks	06									
Popular articles	5									
Extension Literature	05									
Advisory Services	40									
Scientific visit to farmers field	70									
Farmers visit to KVK	85									
Diagnostic visits	35	350			35					
Exposure visits	07									
Ex-trainees Sammelan	10									
Soil health Camp	02									
Animal Health Camp	02									
Agri mobile clinic	40									
Soil test campaigns	03									
Farm Science Club Conveners meet	03									
Self Help Group Conveners meetings	05									
Mahila Mandals Conveners meetings	05									
Celebration of important days (specify)	15	850			50					
Others (pl. specify)	10									
Total										

Target for Production and supply of Technological products

SEED MATERIALS

Category	Crop	Variety	Quantity (qtl.)
CEREALS	Wheat	C.G. Amber	30.00
OILSEEDS	Soybean	RSC 10-46	50.00
	Soybean	JS 20-116	50.00
PULSES	Black gram	Indira urd -1	10.00
	Pigeonpea	C.G.Arhar-1	15.00

	Chickpea	RVG 204	90.00
VEGETABLES	Tomato	Pusa Rubi	0.25
	Coriander	C.G. Dhaniya-1	2.0
	Fenugreek	RMT 305	1.0
FLOWER CROPS	Marigold	Pusa Arpit	5.0
OTHERS (Specify)			

PLANTING MATERIALS

SI. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Mango (Grafted)	Dashari	2000
		Himsagar	200
		Amrapali	500
		Dilpasand	100
		Alphanso	2000
	Guava (air layering)	Allahabad safeda	5000
		Lalit	500
	Custard apple (Grafted)	Balanagar	2000
		Arka sahan	100
		Papaya	Pusa Nanha	1000
SPICES			
VEGETABLES			
FOREST SPECIES			
ORNAMENTAL CROPS	lemongrass	-	25000
PLANTATION CROPS	Lemon (air layering)	PDKV lime	3000
		Vikram	2000
		Premalini	500
		Kagzi	1000
		Drumstick	PKM-1	2000
Others (specify)			

Bio-products

SI. No.	Product Name	Species	Quantity	
			No	(kg)
BIOAGENTS				
1	Trichoderma			2000
2	<i>Rhizobium</i>			
3				
BIOFERTILIZERS				
1	Vermicompost			5000
2	NADEP			1000
3				
BIO PESTICIDES				
1	Dasparni arkl			800
2	Pesticides			1000
	Jivamrit			1000
	Ghanjivamrit			1000

3	Bijamrit			1000
	Nimastra			1000
	Agni astra			1000
	Bramhastra			1000
	Sonthastra			1000
	Fungicide			1000
	Sapta Dhanyankur arka			1000

LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			Nos	Kg
Cattle	Sahiwal		3	
SHEEP AND GOAT				
POULTRY	Kadakhnath		24000	
FISHERIES	Fish			500
Others (Specify) Duckery	Duck		1000	
Quail Farming	Quail		1000	

Literature to be Developed/Published

KVK News Letter

Date of start	Periodicity	Number of copies to be published
01.01.2023	January – March 2023	1000
01.04.2023	April – June 2023	1000
01.07.2023	July- September 2023	1000
01.01.2024	October – December 2023	1000

Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	DVD	World Soil Health Day	01
2	DVD	KVK FARM (Kharif & Rabi -2023)	02
3	DVD	Field Day	04
4	DVD	Kisan Mela/Sangosthi	02

Success stories/Case studies identified for development as a case: (no.)

Indicate the specific training need analysis tools/methodology followed for (Viz PRA, AES, line dept, ex trainees, interface,)

S. No.	Training	Need analysis tools/methodology followed
1	Identification of courses for farmers/farm women	Seasonal cultivation and value addition of Vegetable, Fruits, Spices to full fill the family needs

2	Rural Youth	Millets cultivation and processing through improve mechanization
3	In-service personnel	Productivity enhancement in agriculture and allied sector
4	methodology for identifying OFTs/FLDs	Conduct trails of thematic area/discipline wise
5	Matrix ranking	

Field activities

Name of villages identified for adoption with block name:

S.No.	Name of Village	Name of Block	Distance of village from KVK (Km)	Activities planned
1	Budhwara	S.Lohara	30	OFT,FLD,CFLDs
2	Khapri	S.Lohara	20	CFLDs, Training
3	Kosmanda	S.Lohara	50	CFLDS, Training
4	Bandhatola	S.Lohara	30	OFT,FLD,CFLDs
5	Manikpur	Bodala	22	OFT,FLD,CFLDs

1. No. of farm families selected per village :

2. No. of survey/PRA to be conducted:

3.11. Activities of Soil and Water Testing Laboratory

Year of establishment: 2017

List of equipments purchased:

Sl. No.	Name of the Equipment	Qty.	Condition
1	Double Beam Spectrophotometer	01	Good Condition
2	Digital Balance Citizen	01	Good Condition
3	Double Distillation Unit Borosil	01	Good Condition
4	Water Analyzer Esico	01	Good Condition
5	Rotary Shaker Remi	01	Good Condition
6	Digital Ph Meter Esico	01	Good Condition
7	Flame Photometer Make Systronics	01	Good Condition
8	Conductivity Meter Make Contech	01	Good Condition
9	Hot air oven Make Unitech	01	Good Condition
10	LG Refrigerator (LG GI -1302 RPZY)	01	Good Condition
11	Automatic Nitrogen Digestion System	01	Good Condition
12	Electronic Four Stage Semi Automatic Acid Neutralizer Scrubber model KEIVA Automatic Nitrogen Distillation Systems	01	Good Condition
13	Electronic Kelpus Superior Fully Auto Run Completely Auto Sequencing Programmable Microprocessor Based Compatible Touch Screen Distillation System with in built software with model Classic DX	01	Good Condition

Details of samples analyzed so far:

Details	No. of Samples	No. of Farmers (SHC)	No. of Villages	Amount realized
Soil Samples	1500	10600	20	-
Water Samples				
Total	1500	10600	20	-

LINKAGES

Functional linkage with different organizations

Name of organization	Nature of linkage
MANAGE,	For training
IIVR	For Seed Production Programme Of vegetable crops
DOGR	For Seed Production Programme Of vegetable crops

Details of linkage with ATMA / NFSM

a) Is ATMA implemented in your district Yes

Name of Programme	Nature of linkage
ATMA	Training and FLDs

Give details of programmers implemented under National Horticultural Mission

Name of Programme	Nature of linkage
NHM	Farmers Fair/Exhibition

Action plan for Flagship programmes implemented at KVK

(NICRA, ARYA, Natural farming, CBBO, Seed Hub, Agri Drone etc)

Name of Flagship programmes: Seed Hub (2023-24)

Month	Activity details	Targeted Beneficiaries/Area/Coverage
Kharif 2023	Pigeon pea	15.00
Rabi 2023-24	Chickpea	60.00

Name of Flagship programmes: Natural Farming (2023-24)

Month	Activity details	Targeted Beneficiaries/Area/Coverage	Targeted Area/Coverage
January	Awareness Programme ,	Farmers and farm Women	10
February	Awareness Programme	Farmers and farm Women	10
March	Awareness Programme	Farmers and farm Women	10
April	Awareness Programme	Farmers and farm Women	03
May	Awareness Programme	Farmers and farm Women	02
June	Awareness Programme ,Training	Farmers and farm Women	02
July	Awareness Programme, Demonstration	Farmers and farm Women	04
August	Awareness Programme	Farmers and farm Women	04
September	Awareness Programme	Farmers and farm Women	04
October	Awareness Programme ,training	Farmers and farm Women	04
November	Awareness Programme, Demonstration	Farmers and farm Women	04

December	Awareness Programme	Farmers and farm Women	04
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Planning for Crop Cafeteria

Total Area of Crop cafeteria: 2000 Sq m

Crop	Season	Variety	Particulars /details	Area (Sq m)
Soybean	Kharif 2023	RVS 2001-04	High Yielding Variety	25
		JS 20-29	High Yielding Variety	25
		JS 97-52	High yielding Variety	25
		JS-93-05	High Yielding Variety	25
		JS-20-69	High Yielding Variety	25
Green Gram		CG SOYA -1	Bud Blight Resistant	25
		IPM 2-14	Yellow Mosaic Resistant	25
		PARRYMOONG	High Yielding Variety	25
Groundnut		Dharni	High Yielding Variety	25
Black gram		Indira urd-1	Yellow Mosaic Resistant	25
Rice		Purnima	Drought resistant	25
		Danteshwari	Sheath blight resistant	25
		Mamleshwari	High Yielding Variety	25
		Indira brani rice-1	Blight resistant variety	25
		Rajeshwari	Sheath blight resistant	25
		Durgeshwari	Sheath blight resistant	25
		Chandrasahini	High Yielding Variety	25
		Mahamaya	Sheath blight resistant	25
		Karma masuri	Blast resistance	25
		C.G. Zinc Rice	High Yielding Variety	25
		Shyamala	High Yielding Variety	25
		Indira Maheshwari	High Yielding Variety	25
		Jaldubi	Sheath blight resistant	25
		Bamleshwari	Bacterial leaf blight resistance	25
		C.G. Devbhog	High Yielding Variety	25
		Dub raj selection - 1	High Yielding Variety	25
		C.G. Zinc Rice-1	High Yielding Variety	25

		Indira sugandhit rice-1	High Yielding Variety	25
		Varun bhogselection-1	High Yielding Variety	25
		Badshah bhog selection -1	High Yielding Variety	25
		Dubraj cuten-1	High Yielding Variety	25
		Vishnu bhog selection-1	High Yielding Variety	25
		Indira arobic-1	High Yielding Variety	25
Chickpea	Rabi 2023-24	RVG 201	High yielding Variety	25
		RVG 202	Drought Tolerant	25
		Jaki 9218	High yielding Variety	25
		Indira chana-1	High yielding Variety	25
		Ujjawal	Wilt Resistant	25
Sugarcane	Rabi 2023-24	Nira (86032)	High Yielding Variety	25
		10001	High Yielding Variety	25
		12085	High Yielding Variety	25
		Shyama (98004)	High Yielding Variety	25
		Prabha (85004)	High Yielding Variety	25
Wheat	Rabi 2023-24	GW-322	Suitable for Time sown irrigated condition	25
		GW-366	Suitable for Time sown irrigated condition	25
		CG Gehu-3	Suitable for Time sown irrigated condition	25
		HI-1544	Suitable for Time sown irrigated condition	25
		Ratan	Suitable for Time sown restricted irrigation	25
		HI-8737	Suitable for Time sown restricted irrigation	25
		MP-3366	Suitable for Time sown restricted irrigation	25
		CG-1018	Suitable for Time sown restricted irrigation	25
		MP-1203	Suitable for Time sown restricted irrigation	25
		JW-3288	Suitable for Time sown restricted irrigation	25
		JW 3336	Suitable for Time sown restricted irrigation	25
		JW 3211	Suitable for Time sown restricted irrigation	25
		Kanchan	Suitable for Time sown restricted irrigation	25
		Raj 4238	Suitable for Time sown restricted irrigation	25
		Lok 1	Suitable for Time sown restricted irrigation	25
		C.G. Amber	Suitable for Time sown restricted irrigation	25

		Gehnu		
		HD 2864	Suitable for Time sown restricted irrigation	25
		MP 3288	Suitable for Time sown restricted irrigation	25
		GW 273	Suitable for Time sown restricted irrigation	25
		HI 1500	Suitable for Time sown restricted irrigation	25
PEA	Rabi 2023-24	INDIRA MUTTER-1	Powdery Mildew Resistant	25
LATHYRUS	Rabi 2023-24	MAHATEORA	Powdery Mildew Resistant	25
		PRATIK	Downey Mildew Resistant	25
LINSEED	Rabi 2023-24	RLC-143	Dwarf Variety	25
		RLC-133	Alternaria Blight Resistant	25
GREENGRAM	Rabi 2023-24	Paity Moong	Yellow Mosaic Resistant	25
BLACKGRAM	Rabi 2023-24	INDIRA URD -1	Yellow Mosaic Resistant	25
MUSTARD		CG SARSO-1	Suitable for CG	25

Details of Demonstration Unit at KVK

Demonstration Unit	Particulars /details	Area (Sq m)	Output/Production
Quail unit	Quail Production (Capacity: 1500Birds)	80	2000/year
Dairy Unit	One indigenous breed i.e. Sahiwal has been stock in 09 numbers under pure breeding programme Fodder land developed at KVK Farm for Year round fodder production to reduce the concentrate feed cost	210	3500 lit per year
Mother Orchard	Total 200 fruit plants has been established in medium and high density covering an area 1ha	1 ha	25000 plant per year
Nursery Unit	National Horticulture Mission allotted and sanctions Rs. 1500000.00 during 2017-18 for establishment of mother orchard and prepares 25000.00 plants annually.	0.25ha	3.5 lac
Duck Unit	Total 450 duck for production of egg and chick of duck	168	3000/year
Poultry Unit	Kadakhnath Production (Capacity: 3000Birds)	300	24000/year
Vermicompost Unit	Twenty five Vermi composting pit for collecting cow dung and 150 qtl. Vermicompost produce one cycle in 45-60 days	144	600q/year
Seed Processing Unit	Seed selling license issue by DDA, Kabirdham, Seed Grader Registration from CG Rajya Seed Certification Agency Per Day Capacity: 250Qt-	223	1000qseed /year