PROFORMA FOR ANNUAL REPORT OF KVKS 2024 (January-December)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra, Chandel. ICAR Research Complex for NEH Region, Manipur Centre Chandel-795127	-	-	chandelkvk@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
ICAR Research Complex for NEH Region, Manipur Centre Lamphelpat Imphal- 795004	O385-2414654	O385-2414260	horc.mn@icar.gov.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. A. Ameeta Devi	KVK Chandel, Monsang Pantha village, PS & PO Chandel, Manipur - 795127	8837279778, 9402882656	ameeta2016@gmail.com

1.4**. Year of sanction: 2006**

1.5. Staff Position

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Category (SC/ST / OBC/ Others)
1	Sr. Scientist & Head	Dr. A. Ameeta Devi	Head	Animal Science	37400-67000	135300	11.10.2023	OBC
2	Subject Matter Specialist	Ts. Leenda Monsang	CTO	Plant Breeding	15600-39100	102800	26.3.2007	ST
3	Subject Matter Specialist	Dr.Kl Levish Chongloi	CTO	Agronomy	15600-39100	102800	27.3.2007	ST
4	Subject Matter Specialist	K. Sonamani Singh	CTO	Agril.Engg	15600-39100	102800	28.3.2007	OBC
5	Subject Matter Specialist	Ps. Lavid Anal	ACTO	Horticulture	15600-39100	88400	26.3.2007	ST
6	Subject Matter Specialist	Vacant						
7	Subject Matter Specialist	Vacant						
8	Programme Assistant	Vacant						
9	Computer Programmer	Dehkhohao Doungel	Tech. Officer	Computer appl.	9300-34800	58600	23.4.2011	ST
10	Farm Manager	Super Kamei	Sr. Tech. Officer	Farm Management	9300-34800	63100	05.4.2011	ST
11	Superintendent / Accountant	Vacant						
12	Stenographer	Ts. Ramesh	Personal	Administrative	9300-34800	47600	11.1.2007	ST

		Monsang	Assistant					
13	Driver	Ng. Genet Monsang	Technician	Driver	5200-20200	42800	11.1.2007	ST
14	Driver	Vacant						
15	Supporting staff	k. Dathung Monsang	Supporting Staff	Peon	5200-20200	33000	20.6.2007	ST
16	Supporting staff	W. John Monsang	Supporting Staff	Chawkidar	5200-20200	33000	20.6.2007	ST
	Total							

Note: No column in the table must be left blank

1.6. a . Total land with KVK (in ha) : 20 ha
b. Total cultivable land with KVK (in ha): 5 ha
c. Total cultivated land (in ha) : 3 ha

S. No.	Item	Area (ha)
1	Under Buildings (Administrative building+ Farmers' Hostel+ Staff Quarters)	0.45
2.	Under Demonstration Units (pl. specify the name) i. Piggery Unit ii. Poultry Unit iii. Goatery unit iv. Polyhouse v. vermi-compost vi. Goatery unit vii. mushroom unit	2.008 24mx 24m
3.	Under Crops (Cereals, pulses, oilseeds etc.) (Pl. specify separately)	
4	Under vegetables i. Cabbage-0.25 ii. Broccoli -0.25 iii. Tomato -0.10 iv. Capsicum -0.10 v. Okra -0.05	0.75ha
4.	Under Spices (Pl. specify separately) ii. Turmeric – 0.15 ha	0.15ha
5.	Orchard/Agro-forestry	0.75

1.7. **Infrastructural Development:**

A) Buildings

Sl. No.	Name of building	Source of fundin g	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	3/8/12	550	74,00000/-	-	-	-
2.	Farmers Hostel	-	-	-	-	-	-	-
3.	Staff Quarters (6)	ICAR			79,13000/-	21-05-2012		completed
4.	Demonstration Units (2) (Poultry & Piggery)	ICAR	November 2014	80	15,51953/-	-	-	Functional
5	Fencing	ICAR	-	-	-		740 m	20 % completed (**need repair all post and barbwire**)

B) Vehicles

Type of vehicle	Regd. No.	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
BOLERO LX 4WD BS2	MNO1K8730	18-10-06	4,76,279	1, 78, 218	Off the road/condemned/auction

C) Equipments& AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
LCD Projector	2007	67080	Good Condition
13 Computer Set & 10 Printers	2007, 2014, 2016, 2024	74,700, (received from JD), 2,95,154; 5,06,644	All 13 nos. of computer set & 10 Printers are in good condition
One Xerox Machine	2007	98, 937	Not good
A3 3 in 1 Printer	2024	58500	Good condition
One Scanner	2007	3700	Good condition
Projector Screen	2007	8528	Good condition
Two Generators	2007, 2015	11500, 75000	Working
One Power Tiller	2011	1,67,202	Good condition
One Tractor	2017	9, 79,968	Good condition
One 5 HP Kirloskar	2012	38,500	Not working
One Honda water pump	2017	21, 989	Good condition
Two Camera	2007, 2008	Received from ICAR Imphal, store dept.	Not working
One Sony SLR	2024	170730	Good condition
Paddy transplanter	2019	2,48630	Good condition
Automatic potato planter	2019	1,42,551	Good condition
Power weeder	2019	2,44,500	Good condition
Cono weeder power operated	2019	92,808	Good condition
Stationary 7 hp water pump	2019	71,180	Good condition
Hand cranking Two row rice transplanter	2019	44,160	Good condition
Tractor operated post hole digger	2019	2,49,850	Good condition
Power sprayer	2019	70,771	Good condition
Bund former	2019	30,950	Good condition
Potato digger	2019	1,44600	Good condition
Small tractor with small trolley with cultivar	2019	4,96224	Good condition
Solar pump with accessories	2019	3,50000	Good condition
Chain Saw (1)	2024	46,300	Good condition
Petrol Engine Trimmer/Cutter (1)	2024	20,600	Good condition
Vacuum Cleaner (1)	2024	20,500	Good condition
Hand Held Brush Cutter Petrol Engine Line Trimmer (2)	2024	43,900	Good condition
Egg Incubator (1)	2024	104000	Good condition
Grinder/poultry feed making machine (1)	2024	88000	Good condition
Hot Air Oven (1)	2024	48000	Good condition

Digital Weight Indicator (1)	2024	21300	Good condition
Microprocessor Based Manual or automatic with ATC probe pH Meter (1)	2024	8500	Good condition
Graduated Scale for Vernier / Dial type Calipers Display Calipers (1)	2024	4800	Good condition
Microprocessor Based Automatic pH Meter (2)	2024	9400	Good condition
Lab Junction Automatic 0.001 Digital Conductivity Meter (1)	2024	9600	Good condition

1.8. A). Details SAC meeting* conducted in 2024

Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
22/01/2025	Annexure - I		

** Attach a copy of SAC proceedings along with list of participants*

2. DETAILS OF DISTRICT

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

Sl. No	Farming system/enterprises
1	Rice-based Mono cropping in the Foot-hill
2	Rice-Based Mixed farming System in Jhum lands
3	Horticultural-Based farming System
4	Low land rice cultivation
5	Jhum improvement practices

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

No	Agro-climatic Zone	Characteristics
1	Sub-tropical Hill Zone	(1000-1500)m above msl; 12-35 degree celcius and rainfall of 1600mm. High in soil acid; clayed to lateritic soil
2	Mild-tropical Hill Zone	(500-800)m above msl; 12-30 degree celcius and rainfall of 1400mm. High in soil acid; loamy; clayed to lateritic soil
3	Sub-Temperate	Above 1500m above msl; 10-25 degree celcius and rainfall of 1700mm. High in soil acid, Loam to lateritic soil

2.3 Soil type/s

Sl. No	Soil type	Characteristics	Area in ha
1	Fine sandy loam soils	Fine sandy loam soils are found in most of the foothills n riverbank of chandel district. vegetables are mostly grown.	231910
2	Clay soils	Found in the low land areas where paddy is the main crop.	99390
3	Loam to lateritic soils	Found in the hills where jhuming is practiced. Vegetables, fruits and upland paddy are grown	331300

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

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1	Rice	8520	1588	0.18
2	Maize	480	106	0.22
3	Banana	820000	860000	1.04
4	Passion Fruit	400000	450000	1012
5	Ginger	310000	298000	0.96
6	Turmeric	120000	126000	1.05

2.5. Weather data

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Morning	Afternoon
Jan	0.0	22.2	6.4	91.1	41.3
Feb	61.2	22.9	9.7	91.9	45.5
Mar	55.7	26.3	13.0	90.9	40.7
Apr	78.2	30.2	18.9	93.0	48.3
May	354.7	29.2	19.8	93.5	64.5
Jun	121.8	30.0	23.0	94.4	70.0
Jul	412.9	29.8	23.1	94.9	72.3
Aug	288.9	29.3	22.6	90.7	73.0
Sept	180.4	30.5	22.3	92.0	70.1
Oct	134.1	27.9	19.7	95.1	68.9
Nov	51.9	26.2	14.0	94.8	56.5
Dec	0.0	23.5	9.2	92.5	51.6

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

Category	Population	Production	Productivity
Cattle			
Crossbred	**36148**	-	-
Indigenous	**24519**	-	-
Buffalo	**5547**	-	-
Sheep			
Crossbred	**123**	-	-
Indigenous	**542**	-	-
Goats	**3411**	-	-
Pigs		-	-
Crossbred	**17996**	-	-
Indigenous	**35795**	-	-
Rabbits	**658**	-	-
Poultry			
Hens	45899	-	-
Desi	**96000**	-	-
Improved	**12889**	-	-
Ducks	**264367**	-	-

Turkey and others	**1248**	-	-
Category	**Area**	**Production**	**Productivity**
Fish	-	-	-
Marine	-	-	-
Inland	-	-	-
Prawn	-	-	-
Scampi	-	-	-
Shrimp	-	-	-

Note: Pl. provide the appropriate Unit against each enterprise

2.7 **Details of Operational area / Villages (2024)**

Sl. No	Taluk/ Eleka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified thrust area
1	Chandel	Chandel	Lambung, Lamphoupasna, Japhou, Monsangpantha, Mantripantha, Riverline, Chandonpokpi, Ziontlang, Chandel khullen, Anal Khullen Modi, Lambung, New Wangparal, Chandropoto, Liwa changing, Phunalsambham Purumchumbang, Hnatham,Purum Lainingkhul, Purum khullen, Pancha, Chandel Christian, Unapat, Unapal, Topaching, Thungcheng, Papam, Khambathel	Rice, Maize, Soybean,Groundnut, Field pea, Rape seed mustard, Arhar, Blackgram; Processing of Fruits , vegetable ,mushroom., loin loom products, artificial flower making, piggery and poultry, lentil	Lacks of technology know how, low crop production of kharif and irrigation problem during rabi season, Water scarcity; Lack of technical and scientific knowledge for processing and preservation, lack of up to date knowledge and design for making loin loom product and decorative articles; lack of scientific rearing and management of pig and poultry	Crop production on cereals, oilseeds & pulses, seed production, Resource, conservation, mushroom.
2	Chandel	Chakpikarong	Toupokpi, Dangkhu, Nungpan, Chalong, Bolok, Rungchang, Phiran machet, Warkhuhrin, Chakpikarong, khupi, Kangbung	French bean, broad bean, Soybean, blackgram	Lacks of technology know how, low crop production of kharif and irrigation problem during rabi season, Water scarcity	Crop production on cereals, oilseeds & pulses
3	Tengnoupal	Tengnoupal	Laiching Maipou, Khulsaibung, Lamlong Christian Compound, Laiching Minou,Maryland, Aimol Khodamphai, Motha	Rice, Lentil, Finger Millets, Sorghum, Mustard, Broad bean, Lentil, Garden pea	Lacks of technology know how, low crop production of kharif and irrigation problem during rabi season, Water scarcity; lack of scientific rearing and management of mithun, pig and poultry	Crop production on cereals, oilseeds & pulses , seed production, Resource conservation, meat & egg production

4	Tengno upal	Machi	Machi	Soybean	Lacks of technology know how, low crop production of kharif and irrigation problem during rabi season, Water scarcity	Crop production on cereals, oilseeds & pulses

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2024

Discipline	OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises)			
	Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers	
	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Agronomy	2	2	6	6	5	5	87	87
Horticulture	1	1	3	3	2	2	8	8
Plant Breeding	2	2	8	8	4	4	27	27
Agril. Engg.	2	2	6	6	2	2	6	6
Total	7	7	23	23	13	13	128	128

Note: Target set during last Annual Zonal Workshop

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
	Number of Courses		Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Agronomy								
Farmers	21	21	944	944	41	41	780	780
Rural youth	2	2	40	40				
Extn. Functionaries	3	3	53	53				
Horticulture								
Farmers	11	11	256	256	20	23	38	38
Rural youth	2	2	40	42				
Extn. Functionaries	1	1	20	20				
Plant Breeding								
Farmers	11	11	220	251	10	10	408	408
Rural youth	2	2	40	41				
Extn. Functionaries	1	1	20	20				
Agril. Engg								
Farmers	2	2	40	40				
Rural youth	2	2	40	40				
Extn. Functionaries	1	1	20	20				
Total	59	59	1733	1767	71	74	1226	1226

Seed Production (ton.)		Planting material (Nos. in lakh)	
Target	Achievement	Target	Achievement
0.005	**1.89**	**0.97**	**0.49**

Note: Target set during last Annual Zonal Workshop

3. B. Abstract of interventions undertaken during 2024

Sl. No	Thrust area	Crop/ Enterprise	Identified problems	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	Maize based cropping system	Maize, Soybean and Rajmah	Monocropping	Assessment of maize-based Cropping System for Enhancing Productivity and cropping intensity		Maize based cropping system for enhancing production and productivity and Integrated nutrient management in Cereals		1.Field visit 2.Method demonstration 3.Regular monitoring of crops at different stages	Supply of seeds, fertilizers and PP chemical
2	Integrated Nutrient Management	Rice	Imbalance use of fertilizers and lack of knowledge on INM	Integrated Nutrient Management in rice var. RC-Maniphou-16		1. Nursery management and scientific cultivation practices of paddy 2. Integrated crop management in Rice (ICM) 3. Field Day on Rice var. RC-Maniphou-16 under Integrated Nutrient Management cum Scientist-Farmers interaction		1.Field visit 2.Method demonstration 3.Regular monitoring of crops at different stages	Supply of seeds, fertilizers and PP chemical

3	Crop production	Paddy	Yield declined due to local cultivars and lack of technology know how	-	Improved techniques of growing HYV paddy RC-Maniphou-13	1. Nursery management and scientific cultivation practices of paddy 2. Integrated Crop Management in Rice 3. Integrated weed management in Rice and Maize	-	1.Field visit 2.Method demonstration 3.Regular monitoring of crops at different stages	Seeds
4	Crop production	Soybean	Yield declined due to local cultivars and lack of technology know how	-	Technology demonstration on HYV soybean DSb-19	1.Package and practices of kharif oilseeds (Soybean and groundnut) and pulses (black gram and rice bean) 2. Awareness programme on enhancement of Oilseed crops under Cluster Front Line Demonstration on Oilseeds under 100 days Action Plan	-	1.Field visit 2.Method demonstration 3.Regular monitoring of crops at different stages	Seeds
5	Crop production	Blackgram	Yield declined due to local cultivars and lack of technology know how	-	Technology demonstration on HYV Blackgram var PU-31	1.Package and practices of kharif oilseeds (Soybean and groundnut) and pulses (black gram and rice bean)	-	1.Field visit 2.Method demonstration 3.Regular monitoring of crops at different stages	Seeds

6	Crop production	Rapeseed-mustard	Yield declined due to local cultivars and lack of technology know how	-	Technology demonstration on HYV Rapeseed-Mustard in Rice Fallows	1. Improvement of Rice fallows through intensification of oilseeds (Rapeseed-mustard) and pulses (Fieldpea and lentil) 2. Input distribution cum awareness programme on Rabi oilseeds and pulses under Front Line Demonstration 3. Field Day on Rapeseed-Mustard var. TS-38 under Cluster Front Line Demonstration on Rabi Oilseeds	-	1.Field visit 2.Method demonstration 3.Regular monitoring of crops at different stages	Seeds
7	Crop production	Fieldpea	Yield declined due to local cultivars and lack of technology know how	-	Technology demonstration on HYV Fieldpea var. Prakash	1. Improvement of Rice fallows through intensification of oilseeds (Rapeseed-mustard) and pulses (Fieldpea and lentil) 2. Input distribution cum awareness programme on Rabi oilseeds and pulses under Front Line Demonstration	-	1.Field visit 2.Method demonstration 3.Regular monitoring of crops at different stages	Seeds

8	Vegetable production	Garden pea	Reduction and fluctuation in yield due to prolong use of locally available seed maternal and lack of improved high yielding garden pea variety	Performance of Garden pea	-	Scientific production technique of garden pea	-	Regular field visit, giving advice to farmers in the field	Supply of seeds, inputs, etc.
9	Spice production	Ginger	Low yield due to lack of imp[roved variety	-	Popularisation of Ginger (Nadia)	Improved cultivation practices of Ginger	-	Field visit	Supply of seeds and inputs, etc.
10	Vegetable production	French bean	Unavailability of improved variety	-	Popularisation of French bean (Arka Sharath)	Improved farming for higher income generation	-	Regular field visit, giving advice to farmers in the field	Supply of seeds, inputs, etc.
11	Resource conservation	Papaya	Soil erosion	Performance of papaya in half moon terrace	-	Construction of half moon terrace for soil & water conservation in hills	-	1.Field visit to farmers' fields 2.Method demonstration 3. Timely monitoring of crop performance	Supply of saplings
12	Resource conservation	Tomato	Non-judicious use of water	Performance of tomato in drip irrigation	-	-	-	1.Field visit to farmers' fields 2.Method demonstration 3. Timely monitoring of crop performance	Supply of drip irrigation set

13	Resource conservation	King chilli	Low soil moisture	Performance of king chilli in mulcjing	-	-	-	Field visit to farmers' fields 2.Method demonstration 3. Timely monitoring of crop performance	Suppy of ,ulch (30 micron)
14	Varietal Performance	Rice	Non availability of HY Rice varieties in the district	Performance assessment of rice varieties	-	1. Seed Production in Improved Rice Varieties. 2. Identification of Off-types and Roguing at Pre- Flowering and post flowering Stage in Seed Production of Improved Rice varieties (RC Maniphou-6, RC Maniphou-7 and RC Maniphou-13 and its Plant protection measures	Participato ry Seed Production	Method Demonstratio n on seed treatment, fertilizer application and spraying of PP Chemicals	Seeds, Fertilizers and PP Chemicals.

15	Varietal Performance	Lentil	Non availability of HY Lentil varieties in the district	Varietal performance of Lentil for higher productivity per unit area	-	1. Agro-techniques on producing seed production in Rapeseed and Lentil . 2. Identification of off-types and Rouging in seed production of Rapeseed Mustard and Lentil and its plant protection measures.	Participatory Seed Production	Method Demonstration on seed treatment, fertilizer application and spraying of PP Chemicals	Seeds, fertilizers and PP Chemicals.
16	Seed Production	Rice	Inefficient in Seed Production	-	Technology Demonstration on Seed Production of Rice	1. Seed Production of Improved Rice varieties 2. Identification of Off types and rouging at Pre-flowering and post flowering stage in seed production of improved Rice varieties and its plant protection measures	Participatory Seed Production	Method Demonstration on seed treatment, fertilizer application and spraying of PP Chemicals	Seeds and PP Chemicals
17	Seed Production	Finger Millet	Inefficient in Seed Production	-	Technology Demonstration on Seed Production of Finger Millet	Importance and scope of Seed production in millets	Participatory Seed Production	Method Demonstration on line sowing.	Seeds

18	Seed Production	Sorghum	Inefficient in Seed Production	-	Technology Demonstration on Seed Production of Sorghum	Importance and scope of Seed production in millets	Participatory Seed Production tion	Method Demonstration on line sowing.	Seeds
19	Seed Production	Mustard	Inefficient in Seed Production	-	Technology Demonstration on Seed Production of Mustard	1. Agro-techniques on producing Seed Production in Rapeseed and Lentil 2.Identification of Off types and rouging in Rapeseed Mustard and Lentil and its plant protection measures	Participatory Seed Production	Method Demonstration on seed treatment, fertilizer application and spraying of PP Chemicals	Seeds
20	Seed Production	Garden pea	Inefficient in Seed Production	-	Technology Demonstration on Seed Production of Garden pea	-	Participatory Seed Production	Method Demonstration on seed treatment, fertilizer application and spraying of PP Chemicals	Seeds

21	Seed Production	Lentil	Inefficient in Seed Production	-	Technology Demonstration on Seed Production of Lentil	1.Agro-techniques on producing Seed Production in Rapeseed and Lentil 2.Identification of Off types and rouging in Rapeseed Mustard and Lentil and its plant protection measures 3. Seed production of Rabi pulses	Participatory Seed Production	Method Demonstration on seed treatment, fertilizer application and spraying of PP Chemicals	Seeds
22	Seed Production	Broad bean	Inefficient in Seed Production	-	Technology Demonstration on Seed Production of Broadbean	Seed production of Rabi pulses	Participatory Seed Production	Method Demonstration on seed treatment, fertilizer application and spraying of PP Chemicals	Seeds

3.1 Achievements on technologies assessed and refined during 2024

A.1 Abstract of the number of technologies assessed* in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	1		1		1					3
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management	1									1
Integrated Farming System	1		1							2
Mushroom cultivation										
Drudgery reduction	1									1
Farm machineries										
Value addition										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology	3									3
Small Scale income generating enterprises										
TOTAL	**7**		**2**		**1**					**10**

* *Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro farming situation.*

A.2. Abstract of the number of technologies refined* in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation										
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient Management										
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries										
Post Harvest Technology										
Integrated Pest Management										
Integrated Disease Management										
Resource conservation technology										
Small Scale income generating enterprises										
TOTAL										

* *Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.*

A.3. Abstract of the number of technologies assessed in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitery	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management								
Value Addition								
Production and Management								
TOTAL								

A.4. Abstract on the number of technologies refined in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitery	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management								
Disease of Management								
Production and Management								
Feed and Fodder								
Small Scale income generating enterprises								
TOTAL								

A.5. Results of On Farm Testing (OFT)

Sl. No.	Title of OFT	Problem Diagnosed	Name of Technology Assessed	Crop/Cropping system/ Enterprise	No. of Trials	Results of Assessment/ Refined (Data on the parameter should be provided)			Feedback from the farmer	Feed back to the Researcher	B:C Ratio (if applicable)
1	Assessment of maize based Inter-Cropping System for Enhancing Productivity and cropping intensity	Mono cropping	T1: Maize (HQPM-5) + Soybean (DSb-19) – Rajmah (Local) cropping system. T2: Maize (HQPM-5) (Sole) – Rajmah (Local) cropping system. T0: Maize (Local) – Fallow	Maize based cropping system	3	T1 Maize (HQPM-5) + Soybean (DSb-19) – Rajmah based cropping system T2 Maize (HQPM-5) (Sole) – Rajmah (Local) cropping system T3 Maize (Local)– Fallow	81.66 41.50 30.15	4.23 3.70 -	Farmers were happy and satisfied with the technology	-	-
2	Assessment of maize based Inter-Cropping	Imbalance use of fertilizers and lack of knowledge	**T1-** 50 % RDF through fertilizers (80:60:40 Kg $N:P_2O_5:K_2O$	Rice	3	**Parameters** Date of sowing Date of	**T1** 20-06-2024 10-07-2024	**T0** 23-03-2024 23-07-	Farmers were happy and satisfied with the technology	-	-

	System for Enhancing Productivity and cropping intensity	on INM	/ha) + 50 % through FYM and Rock phosphate **T0-** Farmer practice (Imbalance application of fertilizers)			transplanting Date of Harvesting Plant height (cm) No. of tillers/plant) No. of filled grains/panicle Test weight (gm) Yield (q/ha) B:C Ratio	 28-10-2024 99.50 17 238 29.50 66.45 3.05:1	2024 2-11-2024 136.90 9 180 31.00 42.30 2.11:1			
3	Performance of Garden pea (Kashi Ageti/Arka Priya /Arkel) for the year 2024	Reduction and fluctuation in yield due to prolong use of locally available seed maternal and lack of improved high yielding garden pea variety	T_1: Kashi Ageti T_2: Arka Priya T_0: Arkel (Check)	Garden pea (Kashi Ageti/Arka Priya /Arkel)	3	T_1: Kashi Ageti T_2: Arka Priya T_0: Arkel (Check)		2.4 1.8 1.03	Farmers were satisfied	-	-
4	Performance of papaya in half	Soil erosion	Half moon terrace	Papaya	3	T1: 1 m dia	1.1	54	Farmers were happy and satisfied with the technology	-	-

	moon terrace					T2 : 1.5 m dia T0: (Local) – No conservation practice	1.2 3.3	68 41			
5	Performance evaluation of drip irrigation system in Tomato	Non-judicious use of water	Drip irrigation	Tomato	3	T1: 2 lph T2: 4lph T3: 8 lph T0: Farmer's practice : No irrigation	Water use efficiency (kg/ha/cumec) 14.8 13.8 12.9 11.7	Yield t /ha 21 17 14 12	Farmers were happy and satisfied with the technology	-	-
6	Performance assessment of rice varieties	Non – availability of high yielding Rice varieties in the district	T1 : RC Maniphou – 15 T2: RC Maniphou – 16 T0: RC Maniphou – 13	Rice	3	**T1 :** RC Maniphou – 15 No.of effective tillers/Hill:10 Plant Height(cm): 84.05 No. of seeds per panicle:161 Duration (days): 117 Yield (q/ha): 53.70 **T2 :** RC Maniphou – 16 No. of effective tillers/Hill: 12 Plant Height(cm): 100.65 No. of seeds per panicle:205 Duration (days): 132 Yield (q/ha): 59.18			-	-	-

						T0 : RC Maniphou – 13 No. of effective tillers/Hill: 11 Plant Height(cm): 100.23 No. of seeds per panicle:187 Duration (days): 122 Yield (q/ha): 55.61			
7	Performance of Lentil for higher productivity per unit area	Non availability of HY Lentil varieties in the district	T1 : IPL 220 T0: HUL 57	Lentil	5	T1 : IPL 220 Plant Height: 43.2cm No. of pods per plant:94.67 No.of seeds per pod:2.3 Days to maturity: 121 Yield(q/ha): 10.32 T0: HUL 57 Plant Height: 36.57cm No. of pods per plant:85.10 No.of seeds per pod:2.1 Days to maturity: 112 Yield(q/ha): 9.07	-	-	-

**Field crops – ton/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermicompost kg/unit area.*

*** Give details of the technology assessed or refined and farmer's practice*

3.2 Achievements of Frontline Demonstrations during 2024

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous years and popularized and recommended for large scale adoption in the district

Sl. No	Crop and Variety/ Enterprise	Technology demonstrated	Horizontal spread of technology		
1	Paddy var. RC Maniphou-13	Balanced fertilization	9	15	10
2	Fieldpea and Rapeseed-mustard	Rice based cropping system in rice fallows	17	37	13
3	Rice variety RC Maniphou 16	Participatory Seed Production	4	8	7
4	French bean	Popularization of French bean (Arka Sharath)	4	10	4
5	Ginger	Popularisation of Ginger (Nadia)	5	15	6
6	Drudgery reduction	Paddy drum seeder	3	15	7
7	Resource conservation	Black mulching in king chilli	4	21	11

** Thematic areas as given in Table 3.1 (A1 and A2)*

b. Details of FLDs conducted during reporting period (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement	Farming situation (Rainfed/ Irrigated, Soil type, altitude, etc)	Status of soil (Kg/ha)		
												N	P	K
					Proposed	Actual	SC/ST	Others	Total					
1	Rice (Cereals)	Crop production	Integrated Crop Managemet	Kharif 2024	10.00	10.00	15.00	-	15	-	Rainfed	-	-	-
2	Soybean (Oilseed)	Crop production	Soybean var. DSb-19	Kharif 2024	5.00	5.00	20.00	-	20	-	Rainfed	-	-	-
3	Blackgram (Pulse)	Crop production	Blackgram var. PU-31	Kharif 2024	5.00	5.00	15.00	-	15	-	Rainfed	-	-	-
4	Fieldpea (Pulse)	Crop production	Fieldpea var. Prakash	Rabi 2024	3.00	3.00	12.00	-	12	-	Rainfed	-	-	-
5	Rapeseed-mustard (Oilseed)	Crop production	Seed treatment, growing in the rice fallow, HYV TS-38	Rabi 2024	10.00	10.00	25.00	-	25	-	Rainfed	-	-	-
6	Ginger (Nadia)	Spice Production	Popularization of Ginger (Nadia)	Kharif & 2024	1.0	1.0	4	0	4	-	Rainfed	-	-	-

7	French bean (Arka Sharath)	Vegetable production	Popularization of French bean (Arka Sharath)	Rabi & 2024	1.0	1.0	4	0	4	-	Rainfed	-	-	-
8	Rice	Seed Production	RC Maniphou -16	Kharif, 2024	7.00	7.00	10	0	10	-	Rainfed	-	-	-
9	Finger Millet	Seed Production	VL 376	Kharif, 2024	2.00	2.00	6	0	6	-	Rainfed	-	-	-
10	Sorghum	Seed Production	CSV 27	Kharif, 2024	1.00	1.00	3	0	3	-	Rainfed	-	-	-
11	Mustard	Seed Production	TS 38	Rabi, 2024-25	5.00	5.00	8	0	8	-	Rainfed	-	-	-
12	Garden Pea	Seed Production	Kashi Mukti	Rabi, 2024-25	1.50	1.50	5	0	5	-	Rainfed	-	-	-
13	Lentil	Seed Production	HUL - 57	Rabi, 2024-25	2.00	2.00	8	0	8	-	Rainfed	-	-	-
14	Lentil	Seed Production	PL 04	Rabi, 2024-25	2.00	2.00	5	0	5	-	Rainfed	-	-	-
15	Broad bean	Seed Production	Local	Rabi, 2024-25	1.00	1.00	4	0	4	-	Rainfed	-	-	-

c. Performance of FLD on Crops during 2024

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Data on parameters other than yield, e.g., disease incidence, pest incidence etc.		Econ. of demo. (Rs./ha.)				Econ. of check (Rs./Ha.)			
				Demo.	Check		H*	L*	Demo	Local	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR
1	Rice (Cereal)	Crop production	10.00	57.95	42.65	26.40	59.55	56.35	-	-	69950	173850	103900	2.48:1	73500	127950	54450	1.74:1
2	Soybean (Oilseed)	Crop production	5.00	17.18	12.80	25.49	17.90	16.45	-	-	37600	111670	74070	2.97:1	35975	83200	47225	2.31:1
3	Blackgram (Pulse)	Crop production	5.00	8.38	6.20	26.01	8.85	7.90	-	-	32250	75420	43170	2.34:1	29550	55800	26250	1.88:1
4	Fieldpea (Pulse)	Crop production	3.00	12.65	9.62	23.95	13.90	11.40	-	-	33500	94875	61375	2.83:1	30750	72150	41400	2.34:1
5	Rapeseed - mustard (Oilseed)	Crop production	10.00	9.45	7.20	25.92	10.20	8.70	-	-	21650	51975	30325	2.40:1	20100	39600	19500	1.97:1
6	Ginger (Nadia)	Spice Production	1.0	201	134	50.0	223	172	28.1	30.5	103600	402000	298400	2.88	89000	198000	109000	1.22
7	French bean (Arka	Vegetable production	1.0	97	66	47.0	112	74	31.0	36.2	56000	194000	129000	2.42	51000	130000	79000	1.54

	Sharath)																	
8	Rice	Seed Production	7.00	56.06	43.83	21.83	58.35	53.77	-	-	76390	196210	119820	2.56	58750	131490	72740	2.23
9	Finger Millet	Seed Production	2.00	12.80	8.12	36.56	14.29	11.32	-	-	31250	64000	32750	2.04	25170	40600	15600	1.61
10	Sorghum	Seed Production	1.00	15.78	10.31	34.66	16.35	15.22	-	-	33900	110460	76560	3.25	27450	72170	44720	2.62
11	Mustard	Seed Production	5.00	9.71	7.63	21.42	10.25	9.17	-	-	23180	87390	64210	3.77	19230	53410	34180S	2.77
12	Garden Pea	Seed Production	1.50	59.99	49.83	16.93	67.21	52.78	-	-	250080	659890	409810	2.63	180750	398640	217890	2.20
13	Lentil	Seed Production	2.00	9.31	7.19	22.77	9.52	9.10	-	-	34200	111720	77520	3.26	29850	71900	42050	2.40
14	Lentil	Seed Production	2.00	9.44	7.19	23.83	9.75	9.14	-	-	34800	118000	83200	3.39	29850	71900	42050	2.40
15	Broad bean	Seed Production	1.00	3.25	2.73	16.00	3.51	3.00	-	-	34650	81250	46.600	2.34	29750	54600	24850	1.83

*H-Highest recorded yield, L- Lowest recorded yield ** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio Produce Sale Price must be as per MSP or Registered Marketing Society Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC *Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.*

d. Extension and Training activities under FLD on Crops

Sl.No.	Activity	No. of activities organised	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days	4	7/11/24	0	39	39	Field Day on Rice var. RC-Maniphou-16 under Integrated Nutrient Management cum Scientist-Farmers interaction
			6/2/25	0	29	29	Field Day on Rapeseed-Mustard var. TS-38 under Cluster Front Line Demonstration on Rabi Oilseeds
			12/6/25	0	55	55	Field Day on Value added products from underutilized indigenous fruits and vegetables
			15/11/24	0	28	28	Field day on Rice var. RC-Maniphou-16 conducted under AICRP on Seed (Crops)
			2/11/24	0	32	32	Field Day on Rice var. RC-Maniphou-13 under NICRA- cum Scientist-Farmers interaction
2	Farmers Training	35	17-19/4/24, 27-30/5/24, 27-28/6/24, 24-26/7/24, 5/8/24, 23-27/9/24, 21/11/24 and 30-31/5/24; 11-13/4/24, 22-24/5/24, 27-28/6/24, 21-23/7/24, 2/8/24, 21-23/9/24, 21/11/24 and 30-31/5/24; 29 to 31/1/24, 13 to 15/2/24, 20 to 22/2/24, 26 to 28/3/24, 23 to 25/4/2024, 28 to	0	805	805	

			30/5/24, 5 to 6/24, 20/8/24, 22 to 23/8/24, 12 to 14/11/24, 30/12/24; 30-31/5/24, 12-14/6/24, 30-312/8/24, 25-27/7/24, 18-19/11/24, 16-17/12/24, 6-7/12/24, 10-11/24, 25-27/10/24				
3	Media coverage	9	7/11/24, 2/8/24, 6/2/25 and 13/12/24; 8/7/24, 12/8/24, 26/2/25 and 13/12/24 15/11/24; 5/12/24	Mass	-	-	-
4	Training for extension functionaries	2	29/10/24, 16-17/12/2024	0	40	40	-
5	Any other (Pl. specify)						
	Total			0	1028	1028	

e. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	No. of farmers	Area (ha)	Performance parameters / Indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Paddy drum seeder	Paddy	3	1.5	Labour req./ ha	2	40	95	The farmers were very satisfied with the technology
				Cost of operation	Rs. 600/-	Rs. 12,000/-	95	
				Plant population/m2	52	50	40	

** Field efficiency, labour saving etc.*

(ii) Livestock Enterprises

Sl. No.	Enterprise/ Category (e.g., Dairy, Poultry etc.)	Thematic area	Name of Technology	No. of farmers	No. of units	No. of animals, poultry birds etc.	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks
							Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	
1																				

(iii) Fisheries

Sl. No.	Category, e.g. Common carp, ornamental fish etc.	Thematic area	Name of Technology	No. of farmers	No. of units	No. of fish/ fingerlings	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks
							Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	
1																				

** *GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio*

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

(iv)Other enterprises

Sl. No.	Category/ Enterprise, e.g., mushroom, vermicompost, apiculture etc.	Thematic area	Name of Technology	No. of farmers	No. of units	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks
						Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	

** *GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio*

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

(v) Farm Implements and Machinery

Sl. No.	Name of implement	Crop	Name of Technology demonstrated	No. of farmers	Area (In ha.)	Field observation (Output/ man-hours)		% change in the parameter	Labour reduction (Man days)	Cost reduction (Rs. per ha. or Rs. per unit etc.)	Remarks
						Demo	Check				

f. Performance of FLD on Crop Hybrids

Sl. No.	Crop	Name of hybrids	Area (ha.)	No. of farmers	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)			
					Demo.	Check		H*	L*	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR
1	Maize	HQPM-5	10.00	25	56.55	30.00	46.95	58.85	54.25	47950	169650	121700	3.54:1	40800	90000	49200	2.20:1

**H-Highest recorded yield, L- Lowest recorded yield* ** *GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio*

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

3.3. Achievements on Training during 2024

**(Attached separate in Excel format)

Annexure 1: Details of Training Programme (On Campus including Sponsored On Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel

Discipline	Area of training	Title of the training programme	Date (From – to)	Duration in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel)	General participants			SC/ST			Grand Total		
							M	F	T	M	F	T	M	F	T
Agronomy	Nursery management	Nursery management and scientific cultivation practices of paddy	17-19/4/24	3	KVK office Chandel	PF	0	0	0	3	17	20	3	17	20
Agronomy	Crop production	Scientific cultivation of millets	13-14/5/24	2	KVK office Chandel	PF	0	0	0	9	11	20	9	11	20
Agronomy	Crop production	Package and practices of kharif oilseeds (Soybean and groundnut) and pulses (black gram and rice bean)	27-30/5/24	4	KVK office Chandel	PF	0	0	0	5	15	20	5	15	20

Agronomy	Crop diversificatio n	Vocational training on Crop diversification in improving household food security and income enhancement	29-31/7/24 to 2/8/24	5	KVK office Chandel	PF	0	0	0	4	20	24	4	20	24
Agronomy	Doubling Farmers Income	Felicitation programme of of DFI Farmers under Ministry of Agriculture and Farmers Welfare, Govt. of India	6/8/24	1	KVK office Chandel	PF	0	0	0	36	54	90	36	54	90
Agronomy	Crop production	Awareness programme on enhancement of Oilseed crops under Cluster Front Line Demonstration on Oilseeds under 100 days Action Plan	5/8/24	1	KVK office Chandel	PF	0	0	0	4	21	25	4	21	25
Agronomy	Cropping system	Improvement of Rice fallows through intensification of oilseeds (Rapeseed-mustard) and pulses (Fieldpea and lentil)	23-27/9/24	4	KVK office Chandel	PF	0	0	0	3	17	20	3	17	20
Agronomy	IFS	Integrated farming system for enhancement of livelihood security for small and marginal farmers	7/10/24	1	KVK office Chandel	EF	0	0	0	11	9	20	11	9	20

Agronomy	Cropping system	Adoption of suitable cropping system under hill ecosystem of Chandel district	25-27/11/24	3	KVK office Chandel	PF	0	0	0	14	6	20	14	6	20
Agronomy	Resource conservation	Resource conservation for sustainable agriculture	16/12/24	1	KVK office Chandel	EF	0	0	0	16	4	20	16	4	20
Agronomy	Vermi Composting	Vocational training on Income generation through Vermi-composting and vermi-culture	24-28/2/25	5	KVK office Chandel	RY	0	0	0	10	10	20	10	10	20
Agronomy	Capacity building for SHGs/FPOs	Planting methods of ginger and turmeric for the farmers (FPO/SHGs) of Chandel districtin collaboration wih Mission Organic Value Chain Development for North Eastern Region (MOVCD-NER)	29/4/24	1	KVK office Chandel	PF	0	0	0	25	38	63	25	38	63
Agronomy	Crop production	Input distribution cum capacity building on Cluster Front Line Demonstration on oilseeds under NFSM	30-31/5/24	2	KVK office Chandel	PF	0	0	0	12	12	24	12	12	24

Agronomy	Soil Sample collection techniques	Soil Sample collection for CEOs and LRPs of Chandel district in collaboration with MOVCD-NER	15/5/24	1	KVK office Chandel	EF	0	0	0	10	3	13	10	3	13
Agronomy	Capacity building for SHGs/FPOs	Awareness programme on Marketing, Brandind and Processing of Farm products for FPOs/SHGs for Chandel block	9/8/24	1	KVK office Chandel	PF	0	0	0	15	43	57	15	43	57
Agronomy	Capacity building for SHGs/FPOs	Capacity building cum scientist farmer interaction meeting and Kisan Mela under HRD	23/8/24	1	KVK office Chandel	PF	0	0	0	13	37	50	13	37	50
Agronomy	KSSW Week	Celebration of Krishi Swarna Samriddhi Week and Technology Week cum Kisan Mela, Animal Health camp and Ginder festival	9-13/12/24	5	KVK office Chandel	PF	0	0	0	64	229	293	64	229	293
Horticulture	Training and Pruning	Training and Pruning of fruit crops	30-31/5/2024	2	KVK Conference, Chandel	FP	0	0	0	3	17	20	3	17	20

Horticulture	Management & Rejuvenation	Management & Rejuvenation of citrus	12-14/6/2024	2	KVK Conference, Chandel	FP	0	0	0	8	18	26	8	18	26
Horticulture	Propagation of ornamental	Propagation of ornamental plants under 100 days action plan	30-31/8/2024	2	KVK Conference, Chandel	FP	0	0	0	5	15	20	5	15	20
Horticulture	Preparation of Ghana Jeevamrut and Neemastra	Preparation of Ghana Jeevamrut and Neemastra	25-27/07/2024	3	KVK Conference, Chandel	FP	0	0	0	15	28	43	15	28	43
Horticulture	Vegetable production	Iproved production technology of radish	18-19/11/2024	2	KVK Conference, Chandel	FP	0	0	0	2	18	20	2	18	20
Horticulture	Organic cultivation	Organic cultivation of solanaceous crops	16-17/12/2024	2	Purum Chumbang	FP	0	0	0	2	18	20	2	18	20
Horticulture	Training and pruning	Training and pruning of fruit crops	6-7/2/2024	3	KVK Conference, Chandel	FP	0	0	0	3	17	20	3	17	20
Horticulture	Propagation	Air Layering of Guava	3-4/3/2024	2	KVK Conference, Chandel	FP	0	0	0	6	14	20	6	14	20

Agril. Engg.	Resource management	Construction of contour bunds	17-19/4/24	3	KVK office Chandel	PF	0	0	0	3	17	20	3	17	20
Agril. Engg.	Resource management	Popularization of agricultural implements in hill agriculture.	13-14/5/24	2	KVK office Chandel	PF	0	0	0	9	11	20	9	11	20
Agril. Engg.	Resource management	Use of locally available materials for construction of brushwood dams	27-30/5/24	4	KVK office Chandel	PF	0	0	0	5	15	20	5	15	20
Agril. Engg.	Resource management	Economic design of low-cost water harvesting structure.	29-31/7/24 to 2/8/24	5	KVK office Chandel	PF	0	0	0	4	20	24	4	20	24
Agril. Engg.	Resource management	Economic design of low-cost water harvesting structure.	6/8/24	1	KVK office Chandel	PF	0	0	0	36	54	90	36	54	90
Agril. Engg.	Resource conservation	Economic design of water harvesting structure in hill agriculture.	5/8/24	1	KVK office Chandel	PF	0	0	0	4	21	25	4	21	25
Agril. Engg.	Resource conservation	Soil and water conservation using agronomical measures	23-27/9/24	4	KVK office Chandel	PF	0	0	0	3	17	20	3	17	20
Agril. Engg.	Resource conservation	Procedure of soil sampling	7/10/24	1	KVK office Chandel	EF	0	0	0	11	9	20	11	9	20

Agril. Engg.	Resource conservation	Low-cost construction of tunnels (mini-poly houses)	25-27/11/24	3	KVK office Chandel	PF	0	0	0	14	6	20	14	6	20
Agril. Engg.	Resource conservation	Soil and water conservation using agronomical measures	16/12/24	1	KVK office Chandel	EF	0	0	0	16	4	20	16	4	20
Agril. Engg.	Resource management	Popularization of agricultural implements	24-28/2/25	5	KVK office Chandel	RY	0	0	0	10	10	20	10	10	20
Agril. Engg.	Resource management	*Jal Kund*-low cost water harvesting technology	29/4/24	1	KVK office Chandel	PF	0	0	0	25	38	63	25	38	63
Agril. Engg.	Resource management	Terrace farming	30-31/5/24	2	KVK office Chandel	PF	0	0	0	12	12	24	12	12	24
Plant Breeding	Seed Production	Seed Production in Improved Maize varieties and its plant protection	20 to 22/2/24	3	KVK, Chandel	Farmer and Farm Women	0	0	0	3	17	20	3	17	20
Plant Breeding	Seed Production	Quality seed Production in Soybean and Groundnut	23 to 25/4/24	3	KVK, Chandel	Farmer and Farm Women	0	0	0	2	18	20	2	18	20
Plant Breeding	Seed Production	Seed Production in Improved Rice varieties	28 to 30/5/24	3	KVK, Chandel	Farmer and Farm Women	0	0	0	11	9	20	11	9	20

Plant Breeding	Seed Production	Importance and scope of Seed production in Millets	5 to 6/6/24	2	KVK, Chandel	Farmer and Farm Women	0	0	0	6	14	20	6	14	20
Plant Breeding	Integrated Pest Management	Pest and Diseases management in Kharif field crops under AICRP seed(Crops) TSP	20/8/24	1	KVK, Chandel	Farmer and Farm Women	0	0	0	18	3	20	18	3	20
Plant Breeding	Seed Production	Participatory Seed production in Rice	29/10/24	1	KVK, Chandel	Extension Personnel	0	0	0	1	19	20	1	19	20
Plant B Breeding eding reeding	Seed Production	Agro – techniques on producing Seed production in Rapeseed and Lentil	12 to 14/11/24	3	KVK, Chandel	Farmer and Farm Women	0	0	0	11	9	20	11	9	20
Plant Breeding	Seed Production	Seed Production of Composite maize	20 & 21/11/24	2	KVK, Chandel	Rural Youths	0	0	0	5	15	20	5	15	20
Plant Breeding	Nursery Raising	Scientific Techniques of Nursery Raising of Rabi vegetables and its production technology under TSP- AICRP Seed (Crops)	30/12/24	1	KVK, Chandel	Farmer and Farm Women	0	0	0	4	18	22	4	18	22

Annexure 2: Details of Training Programme (Off Campus including Sponsored Off Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel

Discipline	Area of training	Title of the training programme	Date (From – to)	Duration in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel)	General participants			SC/ST			Grand Total		
							M	F	T	M	F	T	M	F	T
Agronomy	ICM	Integrated crop management in Rice (ICM)	27-28/6/24	2	Hnatham	RY	0	0	0	14	6	20	14	6	20
Agronomy	IWM	Integrated weed management in Rice and Maize	24-26/7/24	3	Chandel Christian	PF	0	0	0	3	19	22	3	19	22
Agronomy	Field day	Field Day on Rice var. RC-Maniphou-16 under Integrated Nutrient Management cum Scientist-Farmers interaction	7/11/24	1	Riverlane	PF	0	0	0	8	31	39	8	31	39
Agronomy	Crop production	Input distribution cum awareness programme on Rabi oilseeds and pulses under Front Line Demonstration	21/11/24	1	Unapal	PF	0	0	0	7	27	34	7	27	34
Agronomy	Organic farming	Organic farming and its role in climate change	27-29/1/25	3	Riverlane	PF	0	0	0	6	14	20	6	14	20

		mitigation														
Agronomy	Field day	Field Day on Rapeseed-Mustard var. TS-38 under Cluster Front Line Demonstration on Rabi Oilseeds	6-2-25	1	Unapal	PF	0	0	0	8	21	29	8	21	29
Agronomy	INM	Maize based cropping system for enhancing production and productivity and Integrated nutrient management in Cereals	5-7/3/25	3	Riverlane	PF	0	0	0	5	15	20	5	15	20
Agronomy	Capacity building for SHGs/FPOs	Capacity building programme for shareholders of FPO Chandel block	18/5/24	1	FPO Office Riverlane	PF	0	0	0	2	32	34	2	32	34
Horticulture	Integrated Farming System	Integrated Farming System based on vegetable crops	10-11/9/2024	2	Panchai village, Chandel	FP	0	0	0	2	18	20	2	18	20
Horticulture	soil fertility	Animal waste use in natural farming for restoring soil fertility	25-27/10/2024	3	Modi village, Chandel	FP	0	0	0	14	28	42	14	28	42
							0	0	0						
Agril. Engg.	Resource management	Soil and water conservation using agronomical measures	24-26/7/24	3	Lambung Christian	PF	0	0	0	3	19	22	3	19	22
Agril. Engg.	Resource management	Low-cost construction of tunnels (mini-poly houses)	7/11/24	1	Lamphou pasna	PF	0	0	0	8	31	39	8	31	39

Plant Breeding	Seed Production	Identification of off types and rouging in Seed production of Field Pea and Broad bean and its plant Protection measures	29 to 31/1/24	3	Papaam village	Farmer and Farm Women	0	0	0	11	9	20	11	9	20
Plant Breeding	Seed production	Identification of off types and rouging in Seed production of Rapeseed Mustard and and its plant Protection measures	13 to 15/2/24	2	Aimol Khullen Village	Farmer and Farm Women	0	0	0	6	15	22	6	15	22
Plant Breeding	Seed Production	Seed storage in Rabi Pulses and Oilseeds	26 to 28/3/24	3	Japhou village	Farmer and Farm Women	0	0	0	2	18	20	2	18	20
Plant Breeding	Seed Production	Identification of off types and rouging at pre and post flowering stage in Seed Production of Improved Rice varieties and its plant Protection measures	22 & 23/8/24	2	Laiching Maipou	Farmer and Farm Women	0	0	0	6	18	24	6	18	24

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date (From – To)	Duration (days	Area of training	Training title*	No. of Participants									Impact of training in terms of Self employment after training				Whether Sponsored by external funding agencies (Please Specify with amount of fund in Rs.)
					General			SC/ST			Total							
					M	F	T	M	F	T	M	F	T	Type of enterprise ventured into	Number of units	Number of persons employed	Avg. Annual income in Rs. generated through the enterprise	
Vermi-composting	24-28/2/25	5	Vermi-composting	Vocational training on Income generation through Vermi-composting and vermi-culture	-	-	-	10	10	20	10	10	20	Vermi-compost manure	5	20	45000	No
Medicinal& aromatic plants	27/9/2024 to 1/10/2024	5	KVK Conference, Chandel	Raising of nursery and	0	0	0	4	16	20	4	16	20	Nursery manageme	4	20	40000	No

				management of medicinal and aromatic plants										nt				
Rabi Pulses and Oilseeds	16 to 20/10/24	5	Seed Production	Seed Production of Rabi Pulses and Oilseeds	0	0	0	3	18	21	3	18	21	-	-	-	-	-

*training title should specify the major technology /skill transferred

Annexure 3: Only Sponsored Training Programmes (On, Off and Vocational)

On/ Off/ Vocational	Beneficiary group (F/ FW/ RY/ EP)	Date (From- To)	Duration (days)	Discipline	Area of training	Title	No. of Participants									Sponsoring Agency	Amount of fund received (Rs.)
							General			SC/ST			Total				
							M	F	T	M	F	T	M	F	T		

On	PF	29/4/24	1	Agronomy	Capacity building for FPO/SHG	Planting methods of ginger and turmeric for the farmers (FPO/SHGs) of Chandel districtin collaboration with Mission Organic Value Chain Development for North Eastern Region (MOVCD-NER)	-	-	-	25	38	63	25	38	63	Mission Organic Value Chain Development for North Eastern Region	Nil
Off	PF	18/5/24	1	Agronomy	Capacity building for FPO/SHG	Capacity building programme for shareholders of FPO Chandel block	-	-	-	2	32	34	2	32	34	NCDC	From CBBO fund
On	PF	30-31/5/24	2	Agronomy	Oilseeds production	Input distribution cum capacity building on Cluster Front Line Demonstration on oilseeds under NFSM	-	-	-	12	12	24	12	12	24	-	-

On	EF	15/5/24	1	Agronomy	Soil sample collection technique	Soil Sample collection for CEOs and LRPs of Chandel district in collaboration with MOVCD-NER	-	-	-	10	3	13	10	3	13	Mission Organic Value Chain Development for North Eastern Region	Nil
On	PF	9/8/24	1	Agronomy	Capacity building for FPO/SHG	Awareness programme on Marketing, Brandind and Processing of Farm products for FPOs/SHGs for Chandel block	-	-	-	15	43	57	15	43	57	NCDC	-
On	PF	23/8/24	1	Agronomy	Kisan Mela	Capacity building cum scientist farmer interaction meeting and Kisan Mela under HRD	-	-	-	13	37	50	13	37	50	HRD Fund	-
On	PF	9-13/12/24	5	Agronomy	Krishi Swarna Samriddhi Week	Celebration of Krishi Swarna Samriddhi Week and Technology Week cum Kisan Mela, Animal Health camp and Ginder festival	-	-	-	64	229	293	64	229	293	ATARI Zone - VII	225000

ON	F	25-27/07/2024	3	Horticulture	Natural farming	Preparation of Ghana Jeevamrut and Neemastra under Natural Farming Project	0	0	0	15	28	43	15	28	43	Ministry of Agriculture & Farmer Welfare, GOI	24000
OFF	F	28-30/10/2024	3	Horticulture	Natural farming	Animal waste use in natural farming for restoring soil fertility under Natural Farming Project	0	0	0	14	28	42	14	28	42	Ministry of Agriculture & Farmer Welfare, GOI	20000
ON	FP	6-7/12/2024	2	Horticulture	Mushroom cultivation	Cultivation of Oyster Mushroom under NICRA Project	0	0	0	5	15	20	5	15	20	ICAR UNDER NICRA	15,000
OFF	FP	20-22/3/2024	3	Horticulture	IFS	Scientific cultivation of kharif vegetable crops on enhancement of livelihood and food security for the tribal farmers of Chandel district, Manipur through adoption of integrated farming system	0	0	0	7	18	25	7	18	25	Ministry of Tribal Affairs	13000

Off	PF	18/5/24 30-31/5/24	5	Agril. Engg.	Capacity building for FPO/SHG	Capacity building programme for shareholders of FPO Chandel block	-	-	-	41	59	100	41	59	100	NCDC	From CBBO fund
On	Farmer and farm Women	29/8/24	1	Plant Breeding	Integrated Pest management	Pest and Disease management in kharif field crops under AICRP Seed(Crops)	0	0	0	3	18	21	3	18	21	AICRP on Seed (Crops) TSP	6000
On	Farmer and farm Women	30/12/24	1	Plant Breeding	Nursery Raising	Scientific Techniques of Nursery raising of Rabi vegetables and its production technology under TSP- AICRP Seed (Crops)	0	0	0	4	18	22	4	18	22	AICRP on Seed (Crops) TSP	7000
Off	Farmer and farm Women	18 to 20/2/24	3	Plant Breeding	Seed Propagation	Enhancing Agro forestry Systems through efficient Tree Seed propagation techniques	0	0	0	2	30	32	2	30	32	AICRP on Seed(Crops) TSP	20000

3.4.Extension Activities (including activities of FLD programmes) (Please mention specific Extension Activity conducted by the KVK such as Field Day, Kisan Mela, Exhibition, Diagnostic Visit, etc) during 2024

Sl. No.	Extension Activity	Topic	Date and duration	No. of activities	Participants											
					General (1)			SC/ST (2)			Extension Officials (3)			Grand Total (1+2)		
					M	F	T	M	F	T	M	F	T	M	F	T
1.	Field Day	Field Day on Rice var. RC-Maniphou-16 under Integrated Nutrient Management cum Scientist-Farmers interaction	7/11/24	1	0	0	0	8	31	39	0	0	0	8	31	39
		Field Day on Rapeseed-Mustard var. TS-38 under Cluster Front Line Demonstration on Rabi Oilseeds Field Day on Rapeseed-Mustard var. TS-38 under Cluster Front Line Demonstration on Rabi Oilseeds	6/2/25	1	0	0	0	8	21	29	0	0	0	8	21	29
		Field Day on Rice var. RC-Maniphou-13 under NICRA	2/11/24	1	0	0	0	8	31	39	0	0	0	8	31	39
		Field Day on Value added products from underutilized indigenous fruits and vegetables	12/6/25	1	0	0	0	15	40	55	0	0	0	15	40	55
		Field day on Rice var. RC-Maniphou-16	15/11/2024	1	0	0	0	10	18	28	0	0	0	10	18	28

		conducted under AICRP on Seed (Crops)														
2.	Diagnostic Visit	Diagnostic field visit of FLD Rice, Finger Millets, Sorghum and Participatory Seed Production of Mustard, Lentil, Garden Pea and Broad bean	13/8/24, 23/8/24, 10/9/24, 3/10/24 and 1(one)day each	4	0	0	0	2	27	39	0	0	0	12	27	39
3.	Scientist visit to farmers field	To Identify off types and rouging in FLD Rice, Finger Millets, Sorghum and Participatory Seed Production of Mustard, Garden pea and Lentil,	3/6/24, 19/6/24, 10/10/24, 11/10/24, 22/10/24, 24/10/24 and 30/10/24	7	0	0	0	10	9	19	0	0	0	10	9	19
4.	Method demonstrations	Method Demonstration on line sowing of Rice, Finger Millets and Sorghum, Lentil, Garden Pea and Broad bean	3/6/24, 19/7/24, 20/7/24, 18/11/24	4	0	0	0	4	19	23	0	0	0	4	19	23
5.	Group Meeting	Seed production of kharif and rabi field crops	10/6/24, 21/8/24, 10/9/24, 3/10/24	4	0	0	0	12	27	39	0	0	0	12	27	39
6.	Exhibition	Wokshop on Millets	19/1/24	1	0	0	0	17	34	51	0	0	0	17	34	51
7.	PM-KISAN	Released 19th instalment of the PM- Kisan Yojana	24/2/2025	1	0	0	0	74	20	94	3	4	7	77	24	101
8.	World Soil Day	Celebration of World Soil Day	05/12/2024	1	0	0	0	1	19	20	0	0	0	1	19	20
9.	Kisan Mela	Capacity building cum scientist farmer interaction meeting and	23/8/24	1	0	0	0	13	37	50	0	0	0	13	37	50

		Kisan Mela under HRD														
10.	Krishi Swarna Samriddhi Week	Celebration of Krishi Swarna Samriddhi Week and Technology Week cum Kisan Mela, Animal Health camp and Ginder festival	9-13/12/24	5	0	0	0	64	229	293	0	0	0	64	229	293
11.	Capacity building	Quality Seed Production for Cereal Crops under AICRP on Seed (Crops)	28/2/2014	1	0	0	0	12	16	40	0	0	0	12	16	40
		training programme under 'Climate Resilient Agriculture' under NICRA	29/7/24	1	0	0	0	5	20	25	0	0	0	5	20	25
		Felicitation programme for Double Farmer Income (DFI)'s Farmers under Ministry of Agriculture and Farmers' Welfare, Government of India	06/08/2024	1	0	0	0	20	78	98	0	0	0	20	78	98
		Capacity Building Programme on Scientific Livestock and Poultry Management under NICRA Project	29/10/2024	1	0	0	0	8	20	28	0	0	0	8	20	28
		Awareness cum Training on role of livestock in natural farming	25/10/2024	3	0	0	0	12	30	42	0	0	0	12	30	42
12	World Environment Day	Observance of World Environment Day	5/6/24	1	0	0	0	11	57	68	0	0	0	11	57	68

13	Farmers visit to KVK	To enquire about Kharif and Rabi field crop seeds	14/5/24, 6/8/24, 3/10/24, 22/11/24, 28/2/25,	5	0	0	0	5	6	11	0	0	0	5	6	11
14	Resource Person	1. Soil health and Fertility 2.Training cum Seed Distribution programme on Participatory Seed Production on Rabi Field Crops under TSP – AICRP on Seed (Crops)	18/9/24, 8/11/24	2	0	0	0	27	45	72	0	0	0	27	45	72
15	Film Show	Seed Production	28/10/24	1	0	0	0	2	25	27	0	0	0	2	25	27

3.5 Production and supply of Technological products during 2024

A. SEED MATERIALS

Major group/class	Crop wise	Variety	Quantity (qt)	Value (Rs.)	Number of recipient/ beneficiaries				
					General		SC/ST		Grand Total
					M	F	M	F	
CEREALS	Rice	RC Maniphou -16	18.90	37000	0	0	23	5	28
OILSEEDS									

A1. SUMMARY of Production and supply of Seed Materials during 2024

Sl. No.	Major group/class	Quantity (q) produced	Quantity (q) supplied	Value (Rs.) of quantity produced	Number of recipient/ beneficiaries				
					General		SC/ST		Grand Total
1									
2									
TOTAL									

B. Production and supply of Planting Materials (Nos. in No.) during 2024

Major group/class	Crop	Variety	Quantity (In No.) produced	Quantity (In No.) supplied	Value (Rs.) of quantity produced	Number of recipient/ beneficiaries				
						General		SC/ST		Grand Total
						M	F	M	F	
Fruits	Tree bean	Local	1000 nos.	500nos.	5000	0	0	10	15	25
	Papaya	Hybrid queen	1000 nos.	500 nos.	5000	0	0	0	5	5
	Lemon	Kachai	500 nos	500 nos	5000	0	0	4	6	10
	Orange	Tamenglongmandarine	500nos	500 nos	5000	0	0	0	10	10
VEGETABLES	Cabbage	Rare ball/golden acre	20000 nos	20000nos	10000	0	0	7	8	15

	King chilli	Local	1000 nos.	500 nos.	5000	0	0	2	4	6
	Capsicum	Indra	1000 nos	500 nos	5000	0	0	0	5	5
	Tomato	Amitabh 004	10000 nos	1000 nos	10000	0	0	0	5	5
	Broccoli	Green magic	20000nos	20000nos	10000	0	0	5	10	15
Species	Turmeric	Lakadong	1000kg	250kg	2500	0	0	0	6	6
Total			**56500**	**29100**	**62500**	0	0	28	74	102

C. Production of Bio-Products during 2024

Major group/class	Product Name	Species	produced Quantity		Value (Rs.)	Number of Recipient /beneficiaries				
			No	(Kg)		General		SC/ST		Grand Total
						M	F	M	F	
BIOAGENTS	Vermi compost	*Eisenia fetuda*		200	4000			1	3	4
BIOFERTILIZERS										
1										
BIO PESTICIDES										
1										

D. Production of livestock during 2024

Sl. No.	Type/ category of livestock	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries				
			(Nos)	Kgs		General		SC/ST		Total
						M	F	M	F	
1	Piglets	Hampshire	4		24000			0	2	2
2	Poultry chicks	Srinidhi birds	100		7000			0	5	5
3	Goatery	Black Bengal	2		6000			0	1	1

3.6. Literature Developed/Published (with full title, author & reference) during 2024

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.): KVK Chandel News Letter 2024 (Jan – Dec), 100 distributed

(B) Articles/ Literature developed/published

Item	Title /and Name of Journal	Authors name	Number of copies	
			Produced/ published	Supplied/ distributed
1. Research paper	The impact analysis of productivity enhancement of Black gram through Front line Demonstration in Chandel District	Khumlo Levish,Asem Ameeta Devi,Y Prabhabati Devi,H Bs Anal,Ramgopal Laha ,A K Singha	1	1
	Yield gap analysis for Enhancement of Rice production and productivity under rain-fed condition of Chandel, Manipur	Khumlo Levish Chongloi, Deepak Singh, Ts. Leenda Monsang, I. Meghachandra Singh, Bs. Hmannihring Anal and A. Ameeta Devi	1	1
	Ergonomic evaluation of different paddy threshing methods in Meghalaya	H Jiten Singh,Govinda pal,H Dayananda,Nevedita,S Roma Devi,L Kanta Singh,Lydia Zimik and A Ameeta Devi	1	1
	Enhanching Income for Farmer producer organisation (FPOs) through Ginger value addition opportunities,strategie s and market insights	LH changed Catharine,K Sonamani Singh ,Rocky Th,Kl Levish and A Ameeta Devi	1	1
	Overcoming low farm returns limitation through cultivation of Rice variety in the aspirational distict of Chandel	K Sonamani Singh,Hb Lungni Anal,Kl Levish and Asem Ameeta Devi	1	1
	The impact analysis of productivity enhancement of Black gram through Front line Demonstration in Chandel District	Khumlo Levish,Rita Ng,K Sonamani Singh,A Ameeta Devi ,Bs Anal, a K Singha and M A Ansari	1	1
	Yield gapand impact analysis of Groundnut cultivation in front line demonstration in Chandel district of	Lalit,Vikas,asem Ameeta Devi,Phalguni,Phadse,Pa ramveer,sanjay	1	1

	Manipur			
	Review on various Feed additives on pig production performances	Khumlo Levish,Rita Ng,K Sonamani Singh,A Ameeta Devi ,Bs Anal, a K Singha and M A Ansari	1	1
2. Book chapter	Raising of duck for meat and egg production under integrated farming system	Asem Ameeta Devio,Kl Levish,K Sonamani Singh,Leenda Monsang and Lavid Anal	1	1
	A holistic approach to Farm resource management for Enhancing Production and productivity	A. Ameeta Devi,Khulo Levish and K Sonamani singh	1	1
	Success stories of Agri –farmers in Manipur	A. Ameeta Devi,Khulo Levish and K Sonamani singh	1	1
	Yield gap analysis for Enhancement of Rice production and productivity under rain-fed condition of Chandel	Khumlo Levish Chongloi and A Ameeta Devi	1	1
	Importance of Integrated farming system	Asem Ameeta Devi, Kl Levish,Y Prabhabat, K Sonamani Singh,Leenda Monsang,Lavid anal and Synriota devi	1	1
	Fodder plays a crucial role in the nutrition of Livestock	Asem Ameeta Devio,Kl Levish and L Kanta singh	1	1
	Tree Species for Livestock Feed in Agro forestry systems	Asem Ameeta Devi,L Chanu Langlentombi,Kl levish, K Sonamani Singh	1	1
	Agroforestry into Integrated Farming System; A guide to sustainable agriculture	L Chanu Langlentombi,A Ameeta Devi,Kl Levish and K Sonamani Singh	1	1
	Goat farming ,A Profitable enterprises for rural farmers	Asem Ameeta Devio,Kl Levish, K Sonamani Singh, Leenda Monsang and Lavid Anal	1	1
4. Training Manual	Scientific rearing and Management of Crossbreed pig	A. Ameeta Devi,Khulo Levish and K Sonamani singh,Y Prabhabati ,Leenda Monsang,Lavid Anal,K Super ,Ramgopal Laha	100	100

	Goat Farming ,A profitable enterprises for Rural farmers in NEH region	A. Ameeta Devi,Ramgopal Laha,L Kanta Singh,Khumlo Levish and K Sonamani singh	100	100
	Scintific cultivatioin practices of increasing oilseeds production and Productivity	A Ameeta Devi,Asem Ameeta Devi,K Sonamani Singh,Ramgopal Laha and VK Mishra	100	100
5. Technical Bulletin	Feeding and Management of Dairy Cattle	Asem Ameeta Devi,Kl Levish,K Sonamani Singh,Leenda Monsang,Y Prabhabati,Lavid ,Ramgopal Laha and VK Mishra	100	100
	Enhanchment of Livelihood and food security for the Tribal Farmers of Chandel Distric	Khumlo Levish ,K Sonamani, A AmeetaDevi,Leenda Monsang,Lavid Anal,Ramgopal Laha and VK Mishra	100	100
	Enhanching Farmers income in Lambung village through climate resilent technology	K Sonamani singh, Hb Lungni Anal,Asem Ameeta Devi,A K Singha,A K Mohanty,Pratibha,TV Prasad,JVNS Prasad	100	100
Total			**617**	**617**

N.B. Please enclose a copy of each. In case of literature prepared in local language, please indicate the title in English

(C) Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number produced
1.			

3.7 Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)

The Story of Farmer L. Kanlum: A Journey of Transformation

Name of the farmer:	**Mr. L. Kanlum**
Age:	**62 years**
Name of the village:	**Lamphoupasna village**
District:	**Chandel**
State:	**Manipur**
Land holding:	**1.00 ha**
Farming System adopted:	**Agri-Horti-Piggery-fishery**

L. Kanlum, a 62-year-old farmer from a small village in Chandel, Manipur, has been involved in farming for over 35 years. His land, though only 1 hectare, was his livelihood — a source of sustenance for him and his family. But, like many small-scale farmers, his journey was marked by struggles. For years, he followed conventional methods of farming, growing seasonal cereals and local vegetables, but his yields were low, and the returns barely covered his family's basic needs. His life was a constant battle to make ends meet, and despite his tireless efforts, his family was living on the edge of poverty.

In the early years, Kanlum's farm had very limited productivity. He planted local varieties of crops, which were susceptible to pests, diseases, and the erratic weather patterns in the region. His farming practices, though traditional, were not yielding the results he hoped for. As a result, Kanlum was constantly facing financial difficulties, unable to invest in better tools or equipment for his farm. The income from his 1-hectare plot was barely sufficient to run his household, let alone improve the quality of life for his family.

Turning Point: ICAR-KVK Chandel Training

In 2008, L. Kanlum's life began to change when he attended a series of training sessions organized by ICAR-KVK (Indian Council of Agricultural Research-Krishi Vigyan Kendra) Chandel. These trainings focused on modern farming techniques, scientific crop management, and the importance of High-Yielding Varieties (HYVs) of crops. At first, Kanlum was skeptical — after all, he had been farming for over three decades using methods passed down through generations. But as he listened to the experts and fellow farmers share their experiences, he realized that his traditional methods were limiting his potential.

With renewed interest, Kanlum decided to give the new techniques a try. He started experimenting with HYV seeds for cereals and vegetables,

ensuring better quality and higher yields. Slowly but surely, he began to see improvements in his crops. Though the changes were gradual, Kanlum could feel the difference — his land was becoming more productive, and for the first time in years, his family's financial situation started to improve. He was able to sell more produce at the market, earning a higher income than before.

Despite these early successes, Kanlum knew he needed to adopt a more holistic approach to farming in order to truly make a sustainable living. The land alone was not enough to support his growing family, and he realized that diversifying his farm operations could bring long-term benefits.

Adoption of Integrated Farming System: A Game-Changer

From 2021 to 2024, with the support of the Tribal Sub-Plan initiatives under ICAR-KVK Chandel, L. Kanlum took a bold step forward in his farming practices. This program introduced him to the concept of an Agri-Horti-Piggery-Fishery based Integrated Farming System (IFS), which combined agriculture, horticulture, livestock farming, and aquaculture into one cohesive system.

Kanlum embraced the technology intervention with open arms, recognizing the potential it held for increasing productivity and profitability. He started by expanding his farm to incorporate fruit orchards alongside his regular vegetable and cereal crops. By integrating piggery and fishery into his farm, he not only diversified his income sources but also created a more sustainable and balanced ecosystem for his crops. The manure from his livestock was used to fertilize the soil, while the fishponds provided natural pest control for his vegetables.

With the improved and scientific methods of farming, Kanlum was able to maximize the use of his 1-hectare plot. The combination of high-yield crops, fruit trees, fish farming, and piggery created a synergy that increased his farm's productivity exponentially. His yield of cereals and vegetables saw a remarkable rise, and the additional income from the piggery and fishery further boosted his financial situation.

Tangible Results: A Transformation

By 2023, just a few years into adopting these integrated farming practices, Kanlum was already reaping the rewards of his hard work. His annual net returns from his 1-hectare farm had skyrocketed to Rs. 2,76,426 — a significant increase from the meager earnings he had once made. The improvement in his income was not just a matter of numbers; it was a life-changing transformation. Kanlum was able to provide better education for his children, invest

in farm equipment, and improve his family's quality of life. His story began to inspire others in his community who saw the tangible benefits of adopting modern farming practices.

The Emotional Impact

For L. Kanlum, the financial gains were just one part of the transformation. More importantly, the changes brought him a sense of pride and fulfilment. He could now look at his farm with satisfaction, knowing that he had not only improved his own life but had also made a lasting impact on his family's future. His children, who had once shown little interest in farming, were now eager to join the farm and take it to even greater heights. They could see the potential for growth and sustainability, and their enthusiasm brought new energy to the family business.

Kanlum also felt a deep sense of gratitude towards ICAR-KVK Chandel for their unwavering support and guidance. Their expert advice, resources, and training had empowered him to take control of his farm's future. He often recalls how hesitant he was in the beginning, unsure if these new methods would truly work, but today, he is proud to be a part of a new generation of farmers who are reshaping agriculture.

A Future Full of Possibilities

Today, L. Kanlum stands as a testament to the power of innovation and adaptability in farming. His journey from struggling farmer to successful agro-entrepreneur is an inspiring story of resilience and hope. With the adoption of an integrated farming system, Kanlum has not only achieved financial stability but has also found a renewed sense of purpose in his work.

As he looks to the future, Kanlum is determined to continue refining his methods and exploring new technologies that can make his farm even more efficient and sustainable. His story serves as a beacon of hope for other farmers in the region, showing them that with the right knowledge, support, and dedication, they too can turn their challenges into opportunities for success.

Through his experience, L. Kanlum has become an advocate for change in his community, urging others to embrace technology and modern farming practices. He is now actively involved in sharing his knowledge with fellow farmers, helping them realize that the road to prosperity is not through tradition alone but through innovation and collaboration. The story of his transformation is a powerful reminder that, in agriculture, change is not just possible — it is essential for growth.

Seed to Success: Improving Livelihoods through Rice Seed Production

Name of the Beneficiary: Mrs. DS Toreiphun

Address: Laiching Maipou Village, Chandel District, Manipur

Age: 47 Years

Enterprise/Activity: Participatory Seed Production of Rice (RC Maniphou 16)

Background

Chandel District, located in the hilly region of Manipur, is largely dependent on agriculture, where rice is the primary staple crop cultivated by most farming households. Traditionally, rice cultivation has relied on the use of farm-saved seeds, particularly local landraces passed down through generations. While this practice is customary and cost-effective, it poses challenges related to declining seed vigour, non-uniformity, susceptibility to pests and diseases, and ultimately low productivity.

Mrs. DS Toreiphun, a 47-year-old farmer from Laiching Maipou village, has been cultivating rice on her 1.00 hectare land using these traditional methods. Her average yield from local varieties ranged between 43–45 quintals per hectare, providing minimal returns and barely meeting household food and economic needs.

Problem/Challenges

Despite being a committed and hardworking farmer, Mrs. Toreiphun faced several challenges:

- Non-availability of certified high-yielding rice seeds
- Dependence on low-quality farm-saved seeds leading to low yield
- Limited exposure to scientific cultivation and seed production techniques
- Lack of awareness about the economic benefits of certified seed production
- Poor market linkage and absence of buyback systems for seed surplus

These constraints not only limited productivity but also hindered the potential for income enhancement and food security.

Initiative and Intervention

In 2024, Mrs. Toreiphun enrolled in the Participatory Seed Production (PSP) Programme initiated by ICAR-KVK Chandel, aimed at improving seed quality and promoting scientific production practices. She actively participated in a series of training programmes organized by KVK, focusing on:

- Certified seed production techniques
- Selection of quality seeds

- Field preparation and management
- Pest and disease control
- Isolation distance, rouging, and harvesting protocols
- Post-harvest seed processing and storage

As part of the intervention, Mrs. Toreiphun was provided with RC Maniphou 16, a high-yielding rice variety. KVK scientists regularly monitored her crop during vegetative and flowering stages, providing technical support at each stage of cultivation.

Output

Through the adoption of certified seed production practices, Mrs. Toreiphun achieved significant improvements in crop yield and income:

Yield: Increased to 58.35 q/ha

Gross Income: Rs. 2, 33,400/-

Net Income: Rs. 1, 57,010/-

Benefit: Cost Ratio (B: C): 3.0:1

This marked a significant increase compared to her previous average yield and income from traditional farming methods.

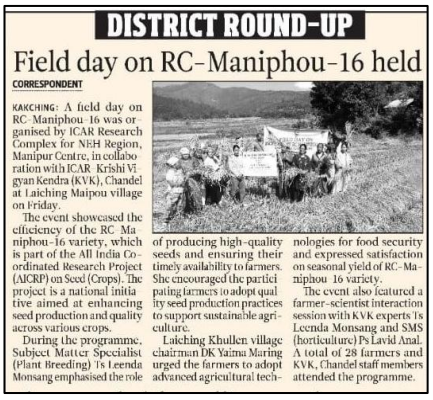
Impact

The success of Mrs. Toreiphun's seed production efforts had a ripple effect within her village and nearby areas. The tangible improvements in yield and income demonstrated the direct benefits of using certified seeds and scientific practices. The broader impacts included:

Awareness Creation: Other farmers became aware of the importance of quality seed and proper production techniques.

Adoption by Peers: Neighbouring farmers began expressing interest in certified seed production.

Seed Buyback Programme: The seeds produced under the PSP were included in a buyback programme facilitated by ICAR RC for NEH Region, Manipur Centre, ensuring market assurance and further income stability.



DISTRICT ROUND-UP

Field day on RC-Maniphou-16 held

CORRESPONDENT

KAKCHING: A field day on RC-Maniphou-16 was organised by ICAR Research Complex for NEH Region, Manipur Centre, in collaboration with ICAR-Krishi Vigyan Kendra (KVK), Chandel at Laiching Maipou village on Friday.

The event showcased the efficiency of the RC-Maniphou-16 variety, which is part of the All India Coordinated Research Project (AICRP) on Seed (Crops). The project is a national initiative aimed at enhancing seed production and quality across various crops.

During the programme, Subject Matter Specialist (Plant Breeding) Ts Leenda Monsang emphasised the role of producing high-quality seeds and ensuring their timely availability to farmers. She encouraged the participating farmers to adopt quality seed production practices to support sustainable agriculture.

Laiching Khullen village chairman DK Yaima Maring urged the farmers to adopt advanced agricultural technologies for food security and expressed satisfaction on seasonal yield of RC-Maniphou 16 variety.

The event also featured a farmer-scientist interaction session with KVK experts Ts Leenda Monsang and SMS (horticulture) Ps Lavid Anal. A total of 28 farmers and KVK, Chandel staff members attended the programme.

Improved Food Security: Higher productivity improved household food availability.

Empowerment: Mrs. Toreiphun became a local role model, especially for women farmers, encouraging active participation in extension programmes. In recognition of her success, a field day was also organised and participated by others neighbouring farmers.

Outcome and Way Forward

Mrs. DS Toreiphun's transformation from a traditional farmer to a certified seed producer highlights the value of scientific interventions, participatory approaches, and institutional support. Her success underlines how rural livelihoods can be significantly enhanced by ensuring access to:

- Quality inputs (especially certified seeds)
- Training and handholding support
- Structured marketing and buyback mechanisms

Following this success, ICAR-KVK Chandel plans to expand the PSP programme to other interested farmers and villages, leveraging Mrs. Toreiphun's farm as a demonstration site.

Conclusion

The journey of Mrs. DS Toreiphun is a testimony to the power of knowledge, innovation, and community-based participatory approaches. From low-yield traditional farming to becoming a successful seed entrepreneur, she now contributes to improving food security, seed self-sufficiency, and economic empowerment in her region. Her story encourages others to adopt similar approaches and proves that real change begins with one committed farmer and one good seed.

Empowering Lives through Innovative Farming: The Journey of Mrs. Py. Khihnem, Lamphoupasna Village, Chandel District, Manipur

Name of the Beneficiary: Mrs. Py. Khihnem

Address: Lamphoupasna Village, Chandel District, Manipur

Age: 59 Years

Enterprise/Activity: Popularisation of of garden pea variety Kashi Ageti

Background

Mrs. Py. Khihnem (59) hails from Lamphoupasna village, located in the Chandel district of Manipur. Coming from a traditional farming background, she primarily depended on paddy cultivation for her livelihood for many years. While rice farming ensured food security for her family, it did not provide sufficient income to meet their growing financial needs.

To improve her household income, she began cultivating vegetable crops over a decade ago. This marked the beginning of her transition from subsistence to income-oriented farming. Her dedication and gradual diversification into high-value crops laid the foundation for her current success.

Interventions

In the agricultural year 2023-2024, Mrs. Khihnem adopted the cultivation of garden pea (variety: Kashi Ageti) for the first time in her locality. This marked a major turning point in her farming journey.

Key features of Kashi Ageti:

- Early maturing and high-yielding variety.
- A leguminous crop that grows well in cool-season climates.
- 50% flowering occurs within 33-35 days of sowing.
- First pods ready for harvest within 60-65 days.

- Highly nutritious and in demand in local markets.

Being a first-time adopter of this new technology and crop variety, she followed best agronomic practices, including:

- Timely sowing and fertilization.
- Scheduled and adequate irrigation (as the variety is sensitive to both drought and overwatering).
- Proper plant protection to avoid diseases like powdery mildew.

Challenges Faced and Overcome

Initially, Mrs. Khihnem faced marketing challenges — despite good production, she found it difficult to access markets or buyers willing to pay fair prices. However, as word spread about the quality of her garden peas, local demand increased. Now, she no longer struggles to sell her produce - buyers visit her farm directly to purchase her products.

She also had to carefully manage irrigation, as Kashi Ageti is sensitive to moisture stress. She overcame this by learning proper irrigation scheduling to avoid under- or over-watering, which could otherwise reduce yield and quality.

Impact

The adoption of garden pea cultivation has brought significant economic and social benefits to Mrs. Khihnem and her family:

- Gross Income: ₹2,19,600
- Net Income: ₹1,54,600
- Increased profit margins compared to traditional crops like paddy.
- Improved standard of living and financial stability.
- Enhanced confidence and recognition in the community.
- Inspired 3-5 other farmers in nearby villages to adopt garden pea cultivation for the next season.

This transformation has not only improved her family's livelihood but also contributed to community-level agricultural development.

Future Plans

Encouraged by her success, Mrs. Khihnem plans to:

- Expand the area under garden pea cultivation in the upcoming season.
- Experiment with other improved vegetable varieties to diversify income sources.
- Support neighboring farmers by sharing her experiences and practices.
- Possibly explore value addition or direct marketing in the future.

Conclusion

Mrs. Py. Khihnem's journey from a traditional paddy farmer to a pioneer of innovative vegetable farming showcases the true spirit of rural entrepreneurship. Her willingness to adopt new practices, overcome challenges, and support her community serves as a model for smallholder farmers across the region.

Her story is a powerful example of how technology adoption, timely guidance, and sheer determination can uplift rural livelihoods and promote sustainable agriculture.

3.8 Give details of innovative methodology/technology developed and used for Transfer of Technology during the year

3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

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

3.11 Field activities

i. Number of villages adopted : 3

ii. No. of farm families selected : 130

iii. No. of survey/PRA conducted : 3

3.12. Activities of Soil and Water Testing

Status of establishment of Lab :2016
1. Year of establishment :2016
2. List of equipments purchased with amount :

Sl. No	Name of the Equipment			Qty.	Cost
	S&WT lab	Mini lab/ Mridaparikshak	Manufacturer		
1		Mini Soil Testing Kit	Nagarjuna	1	84,000/-
Total				1	84,000/-

3. Details of samples analyzed (2023) :

Details	No. of Samples analysed	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	83	97	6	nil
Water Samples	0	0	0	
Plant Samples	0	0	0	
Petiole Samples	0	0	0	
Total	83	97	6	

1. Details of Soil Health Cards (SHCs) (2024)
   a. No. of SHCs prepared: 102
   b. No. of farmers to whom SHCs were distributed: 102
   c. Name of the Major and Minor nutrients analysed: N, P, K, Mn, Mg, C, Fe
   d. No. of villages covered: 6

3.13. Details of SMS/ Voice Calls sent on various priority areas

Message type	Crop		Livestock		Weather		Marketing		Awareness		Other Ent.		Total	
	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary
Text only	18	2756	4	1493	7	1499	1	289	7	1985	2	529	39	8551
Voice only	-		-	-	-	-	-	-	-	-	-	-	-	-
Voice and Text both	-		-	-	-	-	-	-	-	-	-	-	-	-
Total	18	2756	4	1493	7	1499	1	289	7	1985	2	529	39	8551

3.14 Contingency planning for 2024

a. Crop based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Proposed Measure	Proposed Area (In ha.) to be covered	Number of beneficiaries proposed to be covered		
			General	SC/ST	Total
Drought/ Flood	Introduction of short duration varieties or crops Flood tolerant varieties – RC Maniphou -7 Drough tolerant RC Maniphou – 6 Contingent crops - (Millet) SiA – 3085	5	-	20	20
Drought/ Flood	Introduction of Resource Conservation Technologies like • Jal Kund • Micro irrigation • Drip irrigation • Mulching – Poly and Bio mulch • Intercropping • Management in sowing schedule • Mobile Plant Health Clinic	20	-	70	70
Kharif & Rabi crops	Distribution of seeds and planting materials	40	-	200	200
Drought/ Flood	Training and demonstration of Climate resilient	50	-	1000	1000

	crops, smart agriculture (weather fore casting)				

a. Livestock based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Number of birds/ animals to be distributed	No. of programmes to be undertaken	No. of camps to be organized	Proposed number of animals/ birds to be covered through camps	Number of beneficiaries proposed to be covered		
					General	SC/ST	Total
Vaccination, Health Camp, feeding Schedule, deworming, and distribution of inputs	1000	5	5	1000	-	20	20

4.0. IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period only)

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

4.3 Details of impact analysis of KVK activities carried out during the reporting period

5.0. LINKAGES ESTABLISHED

5.1 Functional linkage with different organizations established during 2024

Name of organization	Nature of linkage
TSP (ICAR)	Training, demonstration, supply of seed, buy back of seed from farmers, poultry, piggery, Jalkund & processing unit.
ICAR & Ministry of Agriculture, GOI	Fund contribution received for infrastructural development and sponsorship of Capacity building and Training

ICAR Manipur Centre	Training and demonstration
DAO & ATMA Chandel District	Joint Planning, Monitoring and evaluation of programmes
DHO Chandel District	Joint Planning, Monitoring and evaluation of programmes
CWG NGO	Collaboration of wider expansion of extension activity
CAU - Imphal	Recommendations; Planning, Monitoring and evaluation of programmes
DDK & AIR	Mass media coverage of different occasions
Deptt of Vety & Animal Husbandary, Chandel	Skill development training programmes on artificial insemination and health camps
ICDS Chandel	Training and demonstration programmes
NCDC	Formation of FPO and funding

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies during 2024

Name of the scheme/ special programme	Activity	Date/ Month of initiation	Funding agency	Amount (Rs.)

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

Sl. No.	Programme	Nature of linkage	Remarks
1	Training & Awareness	Convergence mode	

5.4 Give details of programmes implemented under National Horticultural Mission: NA

S. No.	Programme	Nature of linkage	Constraints if any

5.5 Nature of linkage with National Fisheries Development Board : NA

S. No.	Programme	Nature of linkage	Remarks

5.6 MGMG of KVKs during 2024

No of Villages	Participants		No of Visit made	Participants		No of demonstration	Participants		No of Farmers meeting	Participants	
	SC/ST	Others		SC/ST	Others		SC/ST	Others		SC/ST	Others

5.7 Natural Farming during 2024

No. of demonstrations conducted	Participants		No. Trainings	Participants		No. of Awareness Programs	Participants	
	SC/ST	Others		SC/ST	Others		SC/ST	Others
2	2	0	1	43	0	1	42	0

5.8 Achievements under DAMU KVKs during 2024 (only selected KVKs): NA

No of KVKs	Beneficiaries	Advisories given (no)	Training organised (no)	Dissemination of Advisories

5.9 Format for Current Progress of Cluster Demonstrations on Organic Farming under PKVY during 2024 (only selected KVKs): NA

No. of clusters formed	No. of Farmers registered	Area covered (Ha)	No. of LRP identified	Number of clusters linked to certification agency	No. of clusters in which organic production started	Name of crops which are produced organically in clusters

Number of clusters linked to markets	Mobilization/ awareness camps organized		Farmers meetings organized		Training programmes organized		Exposure visits organized	
	No. of activities	No. of farmers	No. of activities	No. of farmers	No. of activities	No. of farmers	No. of activities	No. of farmers

6.0 Report on Agri Drone project (only selected KVKs): NA

S. No.	Name on the Project Implementing Centre (PIC)	No. of Kisan Drones Sanctioned	Target Area for Kisan Drone Demonstration (Ha)	No. of Kisan Drones Purchased by the PIC	Make and Model of Purchased Kisan Drone	Purchased cost of each drone (Rs.)	No. of Kisan Drone Demonstration organized	Date and Place of Kisan Drone Demonstration	Operation carried out (Pesticide/ Nutrient application)	Area Covered under the Kisan Drone Demonstration	Number of farmers participated	Advantages of using Kisan Drones as observed during the demonstrations	Problems any encountered in Drone Purchase and their Demonstration	Additional Remarks if any

6.1 Status of NARI during 2024: NA

Name of Nutri-SMART Village	T1	T2	T3	Area (ha)	No of Beneficiaries	Name of crop	T1			T2			T3		
							Name of variety	Yield (q/ha)	Consumption (kg)	Name of variety	Yield (q/ha)	Consumption (kg)	Name of variety	Yield (q/ha)	Consumption (kg)

7. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2024

7.1 Performance of demonstration units (other than instructional farm)

Sl. No.	Demo Unit (Name and No.)	Year of estd.	Area	Details of production			Amount (Rs.)		Remarks
				Variety/ species/ breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1									
2									

7.2 Performance of instructional farm (Crops) including seed production during 2024

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	

7.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.) during 2024

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

7.4 Performance of instructional farm (livestock and fisheries production) during 2024

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed/ species	Type of Produce	Qty.	Cost of inputs	Gross income	

7.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Unit/ structure during 2024

Date	Title of the training course	Client (PF/RY/EF)	No. of Courses	No. of Participants including SC/ST		
				Male	Female	Total
22/01/2025	Effective rainwater harvesting in hills	PF	2	37	43	80

7.6. Utilization of hostel facilities (Month-Wise) during 2024

Accommodation available (No. of beds): NA

Months	Title of the training course/Purpose of stay	Duration of Training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Total					

Note: (Duration of the training course X No. of trainees) = Trainee days

8. FINANCIAL PERFORMANCE

8.1 Details of KVK Bank accounts

Bank account Name	**Account Type**	**Name of the bank**	**Location/ Branch**	**Account Number**
Administrative	Saving	State Bank of India	Chandel	30621313765
		State Bank of India	Chandel	43149381124
CFLD-Oilseed	Saving	State Bank of India	Chandel	42386852964
CFLD-Pulse	Saving	State Bank of India	Chandel	42430691325
Natural Farming	Saving	State Bank of India	Chandel	42502618243

8.2 Utilization of funds under CFLD on Oilseeds and Pulses (Rs. In Lakhs) if applicable during 2024

Item	Released by ICAR/ATARI (in lakh)		Expenditure (in lakh)		Unspent balance as on 31st March, 2024
	Amount	Amount	Amount	Amount	
					Fund not received in 2024
TOTAL					

8.3 Utilization of KVK funds during the year 2024

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Recurring Contingencies				
1	**PAY & ALLOWANCES**	14844627	14844627	14844627
2	**TRAVELLING ALLOWANCES**	400000	400000	400000
3	**OFFICE CONTINGENCY**	2300000	2300000	2300000
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipments			
	Working Capital			
C	Meals/refreshment for trainees			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	Frontline demonstration except oilseeds and pulses			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
4	**UNDER VARIOUS HEAD**			
	KSHAMTA			
	NARI	50000	50000	50000
	HRD	25000	25000	25000
	IFS	300000	300000	300000
	Website	30000	30000	30000
	Video Filming	150000	150000	150000
	KSS Week	225000	225000	225000
	Seed production	200000	200000	200000
	SAP	42000	42000	42000
	PM KISAN	70632	70632	70632
TOTAL (A)		**18637259**	**18637259**	**18637259**
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler, please specify)	900000	900000	
4	Library (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		**195,37,259**	**195,37,259**	**19637259**

8.4 Status of Revolving Fund (Rs. in lakhs) for last three years: NA

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance with KVK (in lakh)

Note: No KVK must leave this table blank

8.5 Please include information which has not been reflected above.

(Write in detail)

8.6 Constraints and Suggestion (Provide point-wise if any, for recommendation)

(a) Administrative

(b) Financial

(c) Technical

(Signature)
Sr. Scientist cum Head

Annexure - I

Proceeding of 20th Scientific Advisory Committee (SAC) of the Krishi Vigyan Kendra, Chandel.

The 20t SAC inciting of the KVK Chandel was held on 22nd January, 2025 at the Conference hall of ICAR RC for NEH Region, Manipur Centre, Lamphelpat with both online as well as offline modes. The meeting was presided by Dr. Ramgopal Laha, HoRC, Dr. S. Basanta Singh, Nodal Officer, ICAR KVKs and Dr. A.K Singha, Principal Scientist, ICAR — ATARI Zone VII, Umiam, Meghalaya (online). The list of members, experts and farmers are enclosed herewith in the annexure — I.

Agendas:

- Discussion of Action Taken Report based on the recommendations of 2024
- Proposed plan presentation for the year 2025 and panel discussion
- Annual Report — 2024 presentation and discussion Recommendation points and suggestion based on the presentation:

Discipline: Agronomy

The House suggested including of French bean variety Zorin from Mizoram in the OFT instead of local variety

Discipline: Plant Breeding

The House suggested for including of millet variety from IIMR, Hyderabad in the front line demonstrations

Discipline: Horticulture

Popularization of Ginger var. Nadia in FLD is very old; it was suggested to replace with latest variety. The house also suggested plantation of dragon fruit and cashew nut in farmer's field as well as in KVK demonstration farm.

Discipline: Agril. Engineering

OFTs of performance of vegetable washer and solar dryer were recommended by the House

Concluding remarks:

Dr. S. Basanta Singh, Nodal officer, ICAR KVKs has suggested for strengthening the soil and water quality facilities through financial assistance from external sources. It also suggested improving the documentation of the accomplished work through various publications.

The programme end with vote of thanks by Dr. A. Ameeta Devi, Sr. Scientist & Head, Chandel

Member present:

1. Dr. Chirom Nishita Devi, Joint Director, Veterinary Department Chandel
2. S. Suresh Singh, District Officer, Horticulture and Soil Conservation, Chandel
3. Chandani Tarao, Agriculture Officer, Chandel
4. Dr. A. Ameeta Devi, Sr. Scientist & Head, Chandel
5. Dr. L. Kanta Singh, Sr. Scientist & Head, Imphal West
6. Dr. S. Khogen Singh, Sr. Scientist & Head, Ukhrul
7. Dr. H. Lembisana Devi, Sr. Scientist & Head, Temenglong
8. Dr. Monosh Kumar Pande, Sr. Scientist & Head, Churachanpur
9. Dr. Y. Prabhabati Devi, Sr. Scientist & Head, Imphal East

10. Dr. N. Arti Devi, Sr. Scientist Plant Protection, ICAR Manipur Centre
11. Dr. Arunabeemrot, Scientist Plant Protection, ICAR Manipur Centre
12. Dr. L. Chanu Langlen Tombi, Scientist Agro Forestry, ICAR Manipur Centre
13. Dr. Premabati Devi, Scientist Horticulture, ICAR Manipur Centre
14. Gunabati Kangabati, District Fishery Officer, Imphal West
15. Dr. N. Umakanta Singh, Sr. Scientist Biotechnology, ICAR Manipur Centre
16. Dr. T. Basanta, Scientist Soil Science, ICAR Manipur Centre
17. Dr. Th Motilal, SMS Agri. Extension, KVK Imphal West
18. Dr. Roben Singh, SMS Agronomy, KVK Imphal West
19. Dr. Lydia Zimik, SMS Agronomy, KVK lmphal West
20. Gunamani Singh, SMS Plant Breeding, KVK Imphal West
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