### **DETAILS OF ACTION PLAN OF KVK DURING 2022**

(January to December, 2022)

### KVK – AWAGARH, ETAH

### 1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephon	e	E mail	Website
	Office	FAX		
Krishi Vigyan Kendra, Awagarh- 207301, Distt. Etah,UP	05745-224338	05745- 224338	kvkawagarh@ rediffmail.com	http://etah.kvk4.in/

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

Address	Telephone		E mail	Website
	Office	FAX		
R.B.S.College, Agra	0562-2520075	0562- 2520075	rbscagra_2007@ rediffmail.com	http://rbscollege agra.edu.in/
1.2.b. Status of KVK website	<b>A</b>	•	Yes	
1.2.c. No. of Visitors (Hits) to your KVK we	ebsite (as on today)	:	1307	
1.2.d. Status of ICT lab at your KVK	:	Νο		

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

Name	Telephone / Contact								
	Office	Mobile	Email						
Dr. Manish Singh	05745-224338	7897441718	<u>manishsinghswc@gmail.com</u>						

1.4. Year of sanction (as per MOU)

1982

:

### 1.5. Staff Position (as on 30 Sept. 2019)

SI. No	Sanction ed post	Name of the incumbe nt	Designati on	Disciplin e	Pay Scal e (Rs. )	Grad e Pay	Prese nt basic (Rs.)	Date of joinin g	Permane nt /Tempora ry	Category (SC/ST/O BC/ Others)	Mobil e No.	Ema il id	Please attach recent photograph
1	Senior Scientist & Head	Dr. Manish Singh	Senior Scientist & Head	Ph.D (Soil & water conservati on	37400-67000	0006	135300	01.02.2020	Permanent	GEN	7897441718		
2	Subject Matter Specialist	Dr. Dinesh Mishra	SMS- Ag.Engg.	M.Sc (Ag.Engg.) Ph.D.	15600-39100	6600	122100	15-3-96	Permanent	Others	9412490890	dinesh_67mishra @yahoo.co.in	

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3	Subject Matter Specialist	Shri. V. Singh	SMS- Horticulture	M.Sc Ag (Horti.)	15600- 39100	5400	112400	22-7-87	Permanent	Others	9412388110	-	
4	Subject Matter Specialist	Dr. V.Singh	SMS- Soil Sc.	M.Sc Ag (Soil Sc. & Ag. Chem.) Ph.D.	15600-39100	5400	112400	9-7-87	Permanent	OBC	9719501765		
5	Subject Matter Specialist (Agro.)	Dr. S.K. Singh	Subject Matter Specialist (Agro.)	M.Sc Ag (Agronom y) Ph.D.	15600-39100	5400	67000	01.02.2020	Permanent	Others	9536093256	Suneel_34@re diffmail.com	<u></u>
6	Subject Matter Specialist	Smt.Deepti Singh	Subject Matter Specialist Extension)	M.Sc Ag (Extension )	15600-39700	5400	56100	22.02.2021	Permanent	Others	8433295917	deeptisingh324 @gmail.com	
7	Subject Matter Specialist	Smt.Neeraj Singh	Subject Matter Specialist Home Science)	M.Sc (Home Science)	15600-39700	5400	56100	22.02.2021	Permanent	Others	957319897		
8	P.A., Agronomy	Dr. D.S Verma	P.A. (Agro.)	M.Sc Ag (Agronom y) Ph.D.	9300-34800	4800	99500	1-12-87	Permanent	OBC	9719501688	I	
9	Farm Manager	Sri. Gaurav Pratap Singh	Farm Manager	M.Sc Ag (Agronom y)	9300-34800	4200	36500	01.02.2020	Permanent	Others	8557083617		
10	P.A. Computer	Sri Arun Pratap Singh	P.A. Computer		9300-34800	4200	35400	22.02.2021	Permanent	Others	8077858523		2
	Accountant / Superintendent	Sri Ankur Rajpoot	Assistant	M.B.A	9300-34800	4200	35400	22.02.2021	Permanent	OBC	7895227474		

12	Stenographer	Sri Sachin Kumar	Stenographer	U.G.	5200-20200	2400	28700	04-02-17	Permanent	OBC	8299204800	I	
13	Driver	Sri RN Singh	Driver	MA Eco.	5200-20200	4200	41100	13-6-94	Permanent	OBC	9411848633	T	
14	Driver	Sri Hari Shankar	Driver	8 <sup>th</sup>	5200-20200	2800	38100	1-12-02	Permanent	OBC	9758031068	I	
15	Supporting staff	Sri Pushpendra Singh	Supporting staff	10th	5200-20200	2800	42800	14-6-94	Permanent	Others	9719944683	I	
16	Supporting staff	Sri Rahul Kumar	Supporting staff	10th	5200-20200	1800	18500	01.02.2020	Permanent	OBC	8445470227	I	BEATLES TOKYO

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

S. No.	Item	Area (ha)
1	Under Buildings	1.00
2.	Under Demonstration Units	1.30
3.	Under Crops	11.50 (Partial Usar)
4.	Orchard/Agro-forestry	0.20
5.	Others(Usar)	6.00
	Total	20.00

### 1.7. Infrastructural Development:

A) Buildings

	Name of building			Stage							
s		Source of		9		Incomp	Roquiro	Needs			
s. No.		funding	Completio n Year	Plinth area (Sq.m)	Expenditur e (Rs.)	Starting year	Plinth area (Sq.m)	Status of constructi on	d New	renovatio n	
1.	Administrative Building	ICAR	1986								
2.	Farmers Hostel	-do-	1990								

3.	Farm women Hostel	-do-	1990							
4.	Staff Quarters (14)	-do-	5 in 1986 9 in 1990							
5.	Demonstration Units (2) Dairy, Goatry	-do-	1990							
6	Green house	-do-	2017							
7	Mini Seed Processing Unit	-do-	2017							
8	IFS Modal	-do-	2017							
9	ICT Lab	-do-	2017							
10	Technical information center	-do-	2017						*******	
11	Fencing	Х			Funds	not receive	d so far f	rom ICAR		
12	Threshing floor	Х	-do-							
13	Farm godown	х	*	-do-						

#### B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status	Required replacement
Motor cycle	1986	0.22	52000	Irreparable	
Motor cycle	1995	0.30	50000	-do-	Yes
Tractor	2010	5.0	5889 hrs.	Bad condition	
Jeep	2017	708530	48975	Good condition	

### C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status	Required replacement
OHP	1986		Irreparable	
Slide Projector	1986		Irreparable	
TV & VCD	2003		In use	
Camera 1	2006		-do-	

LCD	2007	-do-	
Camera 2	2017	In use	
LED TV	2017	In use	

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

SI.No.		Date
1.	Scientific Advisory Committee	

### 2. DETAILS OF DISTRICT

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

No.		Farming system/enterprise	
T	A-Crop	1-Paddy-Wheat	
		2- Pigeon Pea-Wheat	
		3- Maize-Potato /groundnut/onion	
		4- Bajra/maize-wheat	
		5-Fallow-Mustard/groundnut./urd/moong	
		6- Fallow-Garlic/Cole crops	
		7- Fallow-Brinjal /tomato/Cole crops	
		8- Jwar-berseem/oat	
		9-Green Mannure-potato-muskmelon/moong	
	B-Livestock	1-Dairy	
		2-Goatery	
	C-Orchard	1-Mango	
		2-Guava	
		3-Ber	
		4-Papaya	
		5-Anola	

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

Agro-climatic Zone	Characteristics					
	Tempe	rature ⁰C	Rainfall (mm)	Total area	Irrigated	
South West				Lac(ha)	Area (%)	
Semi Arid Zone	3.4	46	1192.5	1.86	95	

b) Topography

,		
S. No	Agro ecological situation	Characteristics

		Altitude 150-700msl
1.	AES-I	Soil-Clay Loam
		ACZ tropical
2.	AES-II	-
3.	AES-III	-

S.No.	Total Area	Agro ecological situati	Agro ecological situation				
	(%)	Block	Major Crops	Animal Birds	Forest/Orchard		
1.Clay loam	25	Nidholikalan Sakit, Awagarh Jalesar	Paddy,Jwar,Maize, Wheat,Gram,Mustard, Pea, Pigeon Pea, Veg. Moon, Lentil	Cows,Buffaloes,Sh eep,goats,Pigs, Poultry	Shisham, Babool,Eucalyputs,Aarjun,M ango, Guava,Ber		
ll-Loam	34	Amapur, Marhra, Kasg anj, Soron, Sahavar, Jai thra, Aliganj	Paddy,Wheat,Bajra,Mai ze,Gram,Mustard,Pea,Pi gen Pea, Urd, Veg. Potato, Sugaracane, Moong, Lentil, Tobacco	Cows,Buffaloes,Sh eep,Goats,Pigs,Po ultry	Shisham,Babool,Eucalyptus,A arjunmMango Guava,Ber,Jackfruit		
III-Sandy loam	16	Marhara,Kasganj,Shit alpur,Sidpura, Jalesar	Paddy,Wheat,bajra,mai ze,mustard,pea, Pigeon Pea, urd, vegetable, potato, sugarcane, moong,sunflower	Cows,buffaloes,sh eetp,goats,pigs,Po ulthry	Shisham,Babool,Eucalyptus,A arjun,Mango,Guava,Ber,Jackf ruit		
IV-(i) Loam,sand,(ii)Rec ent Alluvium soil(pocket of loam silt, sandy loam & loamy sand)	23	Soron, sahavar, ganjdundwara, patiali, Aliganj	Til, wheat, bajra, maize, mustard, Pigon pea, urd, groundnut veg., potato, summer, moong sugarcane, sunflower, toacco	Cows, buffaloes, sheep, goats, pigs, poultry	Shisham, Babool, Eucalyptus, Aarjun Mango, Guava, Ber,		
V-Sodic land	2	Awagarh, nidholikalan, sakit, jalesar	Paddy, wheat, mustard, barley in reclaimed area of sodic land	Cows, buffaloes, goats, pigs, Poultry	Babool, Eucalyptus		

#### 2.3 Soil Types

S. No	Soil type	Characteristics pH	Area in ha
1	Loam	7.8-8.4	1.19
2	Clay loam	8.0-8.7	0.88
3	Sandy loam	7.5-8.0	0.56
4	Alluvium	7.0-7.8	0.80
5	Sodic land	8.5-10.0	0.07

### 2.4. Area, Production and Productivity of major crops cultivated in the district (2016-17)

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Qt./ha)
1	Paddy	53910	4447.45	28.17
2	Wheat	208212	Awaited	-
3	Bajra	66438	6029.14	11.20
4	Maize-kharif	66315	5848.09	19.52
5	Maize-summer	3192	288.54	22.10
6	Chickpea	1840	93.78	10.15

7	Field pea	32	7.54	11.10
8	Lentil	3745	138.00	6.78
9	Moong (kharif)	410	58.52	6.21
10	Moong (summer)	4005	338.88	8.10
11	Pigen pea	3810	905.00	7.29
12	Urd	1890	58.77	5.17
13	Mustard	13449	775.12	10.64
14	Groundnut	52	14.69	9.40
15	Sunflower	-		-
16	Til	310	59.16	4.81
17	Sugarcane	9488	139392.75	448.17
18	Tobacco	11305	4434.48	54.61
19	Potato	12015	11767.87	240.80

Source: District agriculture department.

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

Category	Population	Production	Productivity
Cattle	181435	Not available	Not available
Buffalo	683303	-do-	-do-
Sheep	8443	-do-	-do-
Goats	275632	-do-	-do-
Pigs	32118	-do-	-do-
Rabbits	3148	-do-	-do-
Poultry	77629	-do-	-do-
Ducks	1745	-do-	-do-
Turkey and others	750	-do-	-do-
Category		Production (Q.)	Productivity
Fish (Reservoir)	84.23 ha.	-do-	-do-

\*Statical report

Taluka	Name of	Name of the	Major crops & enterprises	Major problem identified	Identified Thrust Areas
		Sahnuwa, Hinona -Block Awagarh, Himmatpur - Block Nidholi Kalan, Saray Raj Nagar, Block-Jalesar			
	Awagarh		Paddy, wheat, maize, pigeon pea, chick pea, moong, potato and summer groundnut.	Imbalance fert, improved variety, weeds	Availability of improved variety seeds
			Paddy, wheat, maize, potato, garlic.	Shoot borer, Imbalance fertilizer	Application of balance fertilizer
			Potato, garlic, groundnut, mustard, paddy, maize,	Pod borer & leaf roller, imbalance fert. Weeds	Application of micronutrients-sulphur and zinc.
1.			Paddy, wheat, Pigeon Pea, moong, potato and garlic.	Weeds, imbalance ferti.	Weed control.
			Chickpea and Pigeon Pea.	Imbalance fert, improved variety Weeds	Control of pod border.
			Brinjal, maize, tomato and petha	Imbalance fert, insect- disease	Control of shoot borer and fruit borer.
			Moong and tomato.	Non availability of improved variety, imbalance fert.	Control of mosaic.
			Potato	Imbalance fert, blight	Control of blight.
			Buffalo calves and goats.	Imbalance ferti, yellow mosaic virus.	Control of mortality.
			Dairy animals.	Anestrus, low milk yield, calf mortality	Mineral feeding, deworming and vaccination.
			Diesel Engine and Sprayer.	Repair & maintenance problems	Technical know how for maintenance, operation and repairing.
			Diesel Engine Mechanic, Mini Dairy, stitching and Goatery.	Need self employment base trainings	Technical know how for self employment.

### 2.7 Details of Operational area / Villages

	Maize sheller, Zero till seed drill, Rotavator, Paddy weeder and Paddy transplanter.	Non availability of improved agriculture machinery.	Availability of improved agriculture machinery.
	Seed and Grain storage.	Storage	Technical know how.

#### 2.8 Priority thrust areas

S. No.	Crop/Enterprise	Thrust area
1.	Paddy, wheat, maize, pigeon pea, chick pea,	Availability of improved variety seeds
	moong, potato and summer groundnut.	
2.	Paddy, wheat, maize, potato, garlic.	Application of balance fertilizer & water
		management
3.	Potato, garlic, groundnut, mustard, paddy, maize,	Application of micronutrients-sulphur and zinc.
4.	Paddy, wheat, Pigeon Pea, moong, potato and garlic.	Weed control.
5.	Chickpea and Pigeon Pea.	Control of pod border.
6.	Brinjal, maize, tomato and petha	Control of shoot borer and fruit borer.
7.	Moong and tomato.	Control of mosaic.
8.	Potato	Control of blight.
9.	Buffalo calves and goats.	Control of mortality.
10.	Dairy animals.	Mineral feeding, deworming and vaccination.
11.	Diesel engine repairing & Sprayer repairing as mechanic	Technical know-how for self-employment
12.	Maize Sheller, Groundnut decorticator, Zero till seed drill, Cono weeder, Battery operated sprayer, Fertilizer broadcaster, Manual multicrop seed drill, Raised bed planter and CiAE serrated sickle	Availability of improved agricultural machinery
13.	Maintenance and repairing of Agricultural Machinery such as Diesel engine pumping set, Electric motor pumping set, Thresher, Tube- wells, Tractor battery, sprayers, Tractor, rotavator etc.	Technical know-how for maintenance, operation and repairing
14.	Seed and Grain storage.	Technical know how.

### 3. TECHNICAL PROGRAMME

A. Details of targeted mandatory activities by KVK

- OI	-T	FLD				
(1	)	(2)				
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers			
10	110	46.52	297			

Trai	ning	Extension Activities				
()	3)	(4)				
Number of Courses	Number of Participants	Number of activities	Number of participants			
112	2494	101	5555			

Seed Production (Qtl.)	Planting material Production (Nos.)	Fish seed prod. (Nos.)	Soil Samples analyzed (Nos.)	Development of Soil Health Cards (Nos.)		
(5)	(6)	(7)	(8)	(9)		
685	50000		300	3000		

Quality seed distributed (q)	No. of saplings distributed (Nos.)	No. of fingerlings distributed (Nos.)	No. of livestock & poultry strains distributed (Nos.)
(10)	(11)	(12)	(13)
250	50000		115 (Goat -15, Hens- 100)

				Interventions						
S. No	Thrust area	Crop/ Enterprise	ldentified Problem	Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extensio n activities	Supply of seeds, planting material s etc.	
1	INM	Paddy	Low Yield	Integrated Nutrient Managem ent (INM) in Paddy				Field day	Zinc & Sulpher	
2	Availability of improved variety seeds	Wheat	Low Yield	Testing of variety HD-3086				Field day	seed	
3	Availability of improved variety seeds	Mustard		Performan ce of the variety NRCHB- 101/IJ- 31/NRCD R-2				Field Day	Seed	
4	-do-	Tomato		Testing of variety Kashi Anmol or Kashi Vishesh				Field Day	Seed	
5	-do-	Vegetable Pea		Testing of variety Rashmi or Madhu				Field Day	Seed	
6	INM	Cauliflower		Testing of Boron In Cauliflower				Field Day	Boran	
7	-do-	Moong	Low Yield					Field day	seed	
8	-do-	Paddy	Low Yield	Testing of variety Pusa-1401				Field day	seed	
9	-do-	Paddy	Low Yield					Field day	seed	
10										
11	-do-	Mustard	Low Yield					Field day	seed	
12	-do-	Garlic	IPM					Field day	Insecticid e	
13	-do-	Onion	IPM					Field day	Insecticid e	

### B. Abstract of interventions to be undertaken

14	-do-	Okra	Low Yield				Field day	seed
15	-do-	Muskmelon	Low Yield			 	Field day	seed
16	Availability of improved agriculture machinery	Manual multi- crop seed- drill for wheat	Low yield and more lodging of wheat crop	Testing of Manual multi-crop seed- drill for sowing of wheat with farmers practice			Field day	5 Manual multi-crop seed drill
17	-do-	Raised Bed Planter for maize	Low yield and some time crops damages if more rain fall occurs	Testing of Raised Bed Planter for sowing of maize with farmers practice			Field day	
18	-do-	Maze sheller	Labour shortage		Shelling of Maize by Manual maize sheller			100 Maze Sheller
19	-do-	Manual wheel hoe	Labour shortage		Weeding of crops by Manual wheel hoe			10 Manual wheel hoe
20	-do-	Zero tillage seed drill	Late for preparation of seedbed for wheat after paddy		Sowing of wheat by Zero tillage seed drill		Field day	
21	-do-	Happy Seeder	Late for Preparation of seed bed and sowing of wheat in combine Paddy Harvested Field		Sowing of Wheat of Happy Seeder		Field Day	Service of Happy Seeder
22	-do-	Paddy Straw chopper	Burning of crop residue		In-Situ Crop Residue Chopping		Field Day	Service of Paddy Straw chopper for 2 Ha.
23	-do-	Cono weeder	Labour shortage		Weeding of paddy by cono weeder			10 Cono weeder

24	-do-	Groundnut decorticator	Labour shortage	Decorticati ng of Groundnut by Manual groundnut decorticato r	10 Groundnu t Decorticat or
25	-do-	Battery operated knapsack sprayer	Labour shortage	Spraying of insecticide s, fungicides, weedicides and plant nutrients	5 Battery operated knap sac sprayer
26	-do-	Fertilizer broadcaster	Labour shortage	Broadcasti ng of fertilizers by Fertilizer broadcaste r	5 Fertilizer broadcast er
27	-do-	CIAE serrated sickle	Working efficiency	Harvesting of crops (wheat & paddy) by serrated sickle	10 CIAE serrated sickle

### 3.1 Technologies to be assessed and refined

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	2	1							c	3
Seed / Plant production										
Weed Management										
Integrated Crop Management										
Integrated Nutrient					1					1
Management										
Integrated Farming System										
Mushroom cultivation										
Drudgery reduction										
Farm machineries	2					l				2
Value addition										
Integrated Pest Management	1									1
Integrated Disease										
Management										
Resource conservation										
technology										
Small Scale income generating										
enterprises						ļ				
TOTAL	5	1			1	ļ				7

### A.2. Abstract on the number of technologies refined in respect of crops

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Kitchen garden	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		L			
TOTAL					

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

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

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds								
Nutrition Management				Ī				
Disease of Management								
Value Addition				I				
Production and Management								
Feed and Fodder				1				
Small Scale income generating								
enterprises								
TOTAL				1				

### OFT-1 (Paddy)

Particulars	Contents	
Title	Assessment of newly released high yielding variety PB- 1692	
Problem diagnosed	Low productivity due to bacani (disease) and low potential yield.	
Micro farming situation	Irrigated	
Details of technology identified for solution	T1(FP) PB- 1509 T2(RP) PB= 1692	
No. of farmers	5 (Area- 1.0 ha)	
Replications	5	
Critical inputs	Seed 20kg/ha.	
Production system	Paddy-Wheat-Moong	
Source of technology	IARI New Delhi	
Total Cost	Rs 2600/-	
Observation to be recorded	1-Yield q/ha 2-No. of tillers	
	3-C.B, ratio	

	4-Social acceptability
Reaction of the farmers	Technology acceptability due to high yield potential.

### OFT-2 (Wheat)

Particulars	Contents
Title	Performance of variety DBW-222
Problem diagnosed	Low productivity due to karnal bunt and low potential yield variety HD-2967.
Micro farming situation	Irrigated
Details of technology	T1(FP)-HD-2967
No. of farmers	10 area 4 ha
Replications	10
Critical inputs	Seed 100 kg/ha
Production system	Paddy-Wheat
Source of technology	IIWBR,Karnal, Haryana
Total Cost	Rs. 15000/-
Observation to be	1-Yield q.ha
	2-C:B ratio
	3-Social acceptability
Reaction of the farmers	Farmers interested in growing high yielding variety

### OFT-3 (Mustard)

Particulars	Contents
Title	Assessment of Sulphur in mustard
Problem diagnosed	Low Yield due to no use of secondary nutrient sulphur
Micro farming situation	Irrigated
Details of technology	T1-(FP) –No use of sulphur.
identified for solution	T2-(RP) –Use of sulphur 40kg/ha.
No. of farmers	14 ( Area-5.00 ha.)
Replications	14
Critical inputs	Sulphur granual.
Production system	Bajra / Maize-Mustard-Cucurbits / Moong
Source of technology	DMR , Bhartpur
Total Cost	2000/-
Observation to be	1-Yield/ha
recorded	2- Number of Branch per plant
	3-C:B ratio

	4-Social acceptability
Reaction of the farmers	Farmers are interested for use of balance fertilizer due to deficiency of secondary and micro nutrient.

### OFT-4 (Tomato)

Particulars	Contents
Title	Testing of variety Avinash
Problem diagnosed	Low yield due to old variety.
Micro farming situation	Irrigated
Details of technology	T1(FP) – Variety Pusa Rubi
identified for solution	2-(RP)- Variety Avinash
No. of farmers	10 area 0.5 ha
Replications	10
Critical inputs	Seed 120gm
Production system	Cucurbits-Tomato-Okra
Source of technology	IIVR, Varanasi
Total Cost	Rs. 1000/-
Observation to be	1-No. of fruits per plant
recorded	2-C:B ratio
	3-Social acceptability
Reaction of the farmers	Fruit color, Size and average Weight of fruit should be better than old variety.

### OFT-5 (Vegetable Pea)

Particulars	Contents
Title	Testing of variety Rashmi
Problem diagnosed	Low yield due to low potential yield.
Micro farming situation	Irrigated
Details of technology	T1(FP) – Variety Arkil
identified for solution	2-(RP)-Rashmi
No. of farmers	5 Area -0.5 ha
Replications	5
Critical inputs	Seed 60Kg
Production system	Maize-Pea-Cucurbits
Source of technology	C.S.A.& T.U., Kanpur
Total Cost	Rs. 8000/-
Observation to be	1-No. of grain/pod

recorded	2-No. of pod/plant 3-C:B ratio
Reaction of the farmers	Generally local variety used by the farmers, pod s of this variety may consume as a whole without dehiscing as per recommendation by ICAR, New Delhi

### OFT-6 (Cauliflower)

Particulars	Contents		
Title	Testing of Boron In Cauliflower for obtain good Colour and quality of curd.		
Problem diagnosed	Colour and quality of curd is poor		
Micro farming situation	Irrigated		
Details of technology identified for solution	T1(FP) – No use of Boron 2-(RP)- Application of Boron on the basis of soil testing or performance of crop seen in last time.		
No. of farmers	5 Area -0.5 ha		
Replications	5		
Critical inputs	Boron on the basis of soil testing Approximate @ 6 Kg/ha		
Production system	Okra-Cauliflower-cucurbits		
Source of technology	IARI, New Delhi		
Total Cost	Rs. 700/-		
Observation to be recorded	<ul><li>1-No. of off color of curd per 0.01ha</li><li>2-C:B ratio</li><li>3-Social acceptability</li></ul>		
Reaction of the farmers	Farmer want good Colour and quality of curd in cauliflower		

### OFT-7 (Babycorn)

Particulars	Contents
Title	Testing of Halosulfuron-methyl weedicide in case of specially in Babycorn crop for management of <b>Cyperus rotundus (Motha)</b>
Problem diagnosed	Low yield due to weed infestation Cyperus rotundus (Motha)
Micro farming situation	Irrigated
Details of technology identified for solution	T1(FP) – Use of Atrazine. 2-(RP)- Application of Halosulfuron-methyl weedicide @ 90gm/ha
No. of farmers	5 Area -0.8 ha
Replications	5
Critical inputs	Halosulfuron-methyl weedicide
Production system	Babycorn- Potato- Babycorn

Source of technology	ICAR-Directorate of Weed Research Jabalpur	
Total Cost	Rs. 5000/-	
Observation to be	1-C:B ratio	
recorded	2-Social acceptability	
Reaction of the farmers	Reduce cost of cultivation and increase yield	

### OFT-8 (Battery cum Solar Knapsack Sprayer)

Particulars	Contents
Title	Assessment of Battery cum solar Knapsack Sprayer.
Problem diagnosed	Charging of Battery by electricity is difficult in rural area.
Details of technology	T1(FP)- Battery operated Knapsack Sprayer.
selected for assessment	T2(RP)- Battery cum solar Knapsack Sprayer.
No. of farmers	5
Replications	5
Critical inputs	Battery cum solar Knapsack Sprayer.
Production system	Efficient spraying of solutions on crops.
Source of technology	CIAE, Bhopal
Total Cost	Rs. 25000/-
	1-Spraying Capacity (ha/hr.)
	2-Operating Cost (Rs./ha.)
Observation to be	3- Area Coverage after one complete charging by electricity (ha./charging)
recorded	4- Increase in body temperature ( <sup>0</sup> c), Pulse rate (beat/sec.) & Respiration
	rate (blows/sec.) after continuously half an hour working of operator.
Reaction of the farmers	Easy Charging during working of Sprayer.

Particulars	Contents				
Title	Assessment of Power Weeder & Brush cutter.				
Problem diagnosed	More labour required for weeding of crops.				
Details of technology selected for assessment	T1(FP)- Manual Weeding by khurpi. T2(RP)- Weeding of Power Weeder/Brush Cutter.				
No. of farmers	5				
Replications	5				
Critical inputs	Power Weeder/ Brush Cutter.				
Production system	Efficient Weeding of crops.				
Source of technology	CIAE, Bhopal				
Total Cost	Rs. 40,000/-				
Observation to be	1-Weeding Capacity (ha/hr.)				

### OFT-9 (Power Weeder/ Brush Cutter)

recorded	2-Weeding efficiency (%)
	3- Plant damage (%)
	4- Operating cost (Rs./ha.)
Reaction of the farmers	Timely Weeding of crops.

### OFT-10(Mixed Flour)

Trial	10 Home Science	No. of Farm Women-5:
1	Title	To evaluate the Nutritive mixed Ata for a family of five members
2	Problem	Nutrient deficiency in family members due to use of
	diagnosed/defined	Wheat Floor
3	Details of technologies	T <sub>1</sub> –Use of Wheat Flour
	selected for assessment	$T_2$ – Use of mix grain Wheat (10
	/refinement	Kg.)+Gram(2.00Kg),Barley (1.00Kg)+Bajra(1.00 Kg)
4	No. of Farm Women	5
5	Source of technology	CSUA&T,Kanpur
6	Production system	Balanced Diet
7	Thematic area	Design and development of low and minimum cost diet.
8	Critical input	Gram / chick pea
9	Performance of the	i. Technical:
	Technology with	ii. Economic:
	performance indicators	

### 3.2 Frontline Demonstrations

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

SI. No.	Сгор	Variety	Thematic area	Technology for demonstration	Critical inputs (per ha/No.)	Season and year	Area (ha)	No. of farmers / demon.	Parameters identified
1	Paddy	Pusa- 1718	IPM	Pymetrozine 50%WG	Pymetrozine 50%WG 250gm/ha	Kharif 2022	10	25	Yield C:B ratio,
2	Paddy	Pusa- 1718	INM	Use of balance fertilizer on the basis of soil testing	Soil testing	Kharif 2022	0.4	1	Yield C:B ratio, length of ear
3	Wheat	DBW-187	Varietal evaluation	Improved variety of late sowing	Seed 125 kg	Rabi 2022-23	10	25	Yield C:B ratio, No. of tillers/plant
4	Wheat	DBW-222	INM	Use of balance fertilizer on the basis of soil testing	Soil testing	Rabi 2022-23	0.4	1	Yield C:B ratio, length of ear
5	Mustard	IJ-31	IPM	Use of Sulphur	Seed 5	Rabi	5	15	Yield

					kg/ha	2022-23			C:B ratio
6	Garlic	Shankar	IPM	Thiamethoxam 12.6% + Lambda Cyhalothrin 9.5% ZC	Thiamethox am 12.6% + Lambda Cyhalothrin 9.5% ZC	Rabi- 2022	1	10	1-No. of effected plants/runni ng mtr. 2-C:B ratio
7	Onion	AFLR /AFDR	VE	AFLR /AFDR	10Kg Seedlings of AFLR /AFDR	Rabi- 2022	0.5	30	1.Yield 2.C:B ratio
8	Okra	Variety Arka Anamika	Varietal evaluation	Variety Arka Anamika	Seed 25kg/ha	Zaid- 2021	0.5	5	1-No. of pods per plant 2-C:B ratio
9	Red Cabbag e	Red drum head		Red drum head	1000 Seedlings of	Rabi- 2022	0.5	20	Yield C:B ratio
9	Musk melon	Rasraaj	Varietal evaluation	Rasraaj	4kg	Summer 2022	2	10	Yield C:B ratio, No. of fruits/plant
10	Nutrition al Kitchen Garden	Improved verities of colored vegetable s	Fresh & Organic vegetable	Bio-fortified seed	Seed & Seedlings of Improved verities of colored vegetables which are rich in antioxidant	Rabi, Summer 2022	0.025	5	Yield C:B ratio
					Total		38.5	127	

### FLD on NARI Programme

SI. No.	Categor y	Variety/ Breed	Thematic area	Technology for demonstration	Critical inputs (per ha/No.)	Season and year	Area (ha)	No. of farmers / demon.	Parameters identified
1	Nutrition al Kitchen Garden	Improved verities of colored vegetable s	Small Scale Income Generatin g	Bio-fortified seed	Seed & Seedlings of Improved verities of colored vegetables which are rich in antioxidant	Rabi, Summer 2022	0.025	5	Yield C:B ratio
2.	Live stock	Barbari kids & Chicks	Small Scale Income Generatin g	Kids-5 Chicks-50	Barbari, Nirbhik	Year round		7	Increase income /year

3.	Nutrition al diet	Chikki , Moong bari & sprouted legumes	Low cost nutritive diet	Local product of legumes	Moong, Groundnut, Chickpea	Year round		2	Increase of health of children and women
4.	Bio- fortified	Maize & carrot	Low cost nutritive diet	Local product of maize and carrot	Maize & carrot	Kharif & Rabi		2	Increase of health of children and women
					Total		0.025	18	

#### **Sponsored Demonstration**

SI.	Сгор	Area (ha)	No. of farmers
No.			
	-	-	-

#### B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	22		800
2	Farmers Training	22		350
3	Media coverage			
4	Training for extension functionaries			

### C. Details of FLD on Enterprises

### (i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
Maize Sheller	Maize	Kharif, Zaid	100	100 No.	Manual maize Sheller	<ol> <li>Shelling capacity (kg/hr)</li> <li>Broken kernels (%)</li> <li>Operating cost (Rs/./ha)</li> </ol>
Manual Wheel hoe	Groundnut, Mustard, chickpea, Maize, Arhar etc.	Kharif, Rabi & Zaid	10	10 No.	Manual wheel hoe	<ol> <li>Capacity (ha/hr)</li> <li>Weeding efficiency (%)</li> <li>Plant damage (%)</li> <li>Operating cost (Rs./ha)</li> </ol>
Cono weeder	Paddy	Kharif	10	2 ha.	Cono Weeder	<ol> <li>Capacity (ha/hr)</li> <li>Cost of operation (Rs./ha)</li> <li>Plant damage (%)</li> </ol>
Ground nut Decorticator	Ground nut	Whole year	10	10 No.	Ground nut Decorticator	<ol> <li>Capacity(Kg/hr)</li> <li>Broken kernels (%)</li> <li>Operating cost (Rs./kg.)</li> </ol>
Battery operated knapsack sprayer	All crop	Whole year	5	5 No.	Battery operated knapsack sprayer	1 Capacity (ha/hr) 2 Operating cost(Rs/ha)
Fertilizer Broadcaster	All crop	Whole year	5	5 No.	Fertilizer broadcaster	1 Capacity ( ha/hr) 2 Operating cast (Rs./hr)
CIAE serrated sickle	All crop	Whole year	10	10 No.	CIAE serrated sickle	Harvesting capacity (ha/day) Teeth grinding interval

						(ha) Harvesting cost (Rs./ha)
Super Seeder	Wheat	Rabi	5	4 ha	Service of Super Seeder	<ol> <li>Yield (qt. /ha)</li> <li>Cost of Cultivation (Rs./ha.)</li> <li>C.B. Ratio.</li> </ol>
Mulcher	Paddy	Rabi	5	4 ha	Service of Mulcher	1.Yield (qt. /ha) 2. Cost of cultivation (Rs./ha) 3. C:B ratio

#### (ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
Vermicompost	E.fotida	1		Vermiculture	Vermicompost
Fodder	Bajra Napier Hybrid CO4	5		Bajra Seed (Cutting)	Fodder quantity & availability

### (iii) Other Enterprises

Enterprise	No. of Farmer/Farm women	No. of units	Critical inputs	Performance Parameters/ indicators
Mango pickle	10	10	Preservatives- Acetic acid, Sodium -benzoate	keeping quality, Taste
Vermicompost	2	2	Vermiculture	Production
Drudgery reduction	15	15	Use of maize sheller	Time saving

### Training (Including the sponsored and FLD training programmes): ON Campus 3.3

### A)

				No	. of Pa	rticipants	S	
Thomatic Area	No. of		Others	i		SC/ST		Crand
memalic Area	Courses	Male	Femal e	Total	Male	Female	Total	Total
(A) Farmers & Farm Women		1						
I Crop Production							-	
Weed Management	1	15	-	15	5	-	5	20
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification							[	
Integrated Farming								
Water management								
Seed production	1	15	-	15	5	-	5	15
Nursery management								
Integrated Crop Management	4	60	-	60	20	-	20	80
Fodder production								
Production of organic inputs								
II Horticulture					-			
a) Vegetable Crops								

Production of low volume and high value crops	5	70	25	95	15	-	15	110
Off-season vegetables								1
Nursery raising	1	10	5	15	5	-	5	20
Exotic vegetables like Broccoli								[
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits							<b>(</b>	
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	1	15	5	20	5	-	5	25
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								[
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants		•••••						
Nurserv Management	1							
Management of potted plants								
Export potential of ornamental plants	-							
Propagation techniques of Ornamental Plants	-						<b>{</b>	
d) Plantation crops	-							
Production and Management technology					L			
Processing and value addition	1							
e) Tuber crops								
Production and Management technology	2	25	5	30	-	-	-	30
Processing and value addition								
f) Spices		•••••						
Production and Management technology	3	50	10	60	5	-	5	65
Processing and value addition								
g) Medicinal and Aromatic Plants	1							
Nursery management								
Production and management technology								
Production and management technology Post harvest technology and value addition								
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management								
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management	2	10	_	10	5	_	5	15
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management Soil and Water Conservation	2 2	10 10	-	10 10	5	-	55	 15 15
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management	2 2 2 2	10 10 10		10 10 10	5 5 5 5		5 5 5	15 15 15 15
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs	2 2 2 2 2	10 10 10 10 10	- - - -	10 10 10 10	5 5 5 5 5	- - - -	5 5 5 5 5	15 15 15 15 15
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils	2 2 2 2 2	10 10 10 10 10		10 10 10 10	5 5 5 5 5		5 5 5 5 5	15 15 15 15 15
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops	2 2 2 2 2	10 10 10 10 10		10 10 10 10	5 5 5 5 5		5 5 5 5	15 15 15 15 15
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency	2 2 2 2	10 10 10 10		10 10 10 10	5 5 5 5		5 5 5 5	15 15 15 15
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing	2 2 2 2 2	10 10 10 10 10 10		10 10 10 10 10	5 5 5 5 5 5		5 5 5 5 5 5	15 15 15 15 15 15
Production and management technology Post harvest technology and value addition III Soil Health and Fertility Management Soil fertility management Soil and Water Conservation Integrated Nutrient Management Production and use of organic inputs Management of Problematic soils Micro nutrient deficiency in crops Nutrient Use Efficiency Soil and Water Testing IV Livestock Production and Management	2 2 2 2 2	10 10 10 10 10	- - - - -	10 10 10 10 10 10	5 5 5 5 5		5 5 5 5 5	15 15 15 15 15 15
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management	2 2 2 2 2 2	10 10 10 10 10 10		10 10 10 10 10	5 5 5 5 5		5 5 5 5 5	15 15 15 15 15 15
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management	2 2 2 2 2 2	10 10 10 10 10		10 10 10 10 10	5 5 5 5 5		5 5 5 5 5	15 15 15 15 15
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management	2 2 2 2 2 2	10 10 10 10 10		10 10 10 10 10	5 5 5 5 5		5 5 5 5 5	15 15 15 15 15 15
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Rabbit Management/goat	2 2 2 2 2 2	10 10 10 10 10		10 10 10 10 10	5 5 5 5 5		5 5 5 5 5	15 15 15 15 15
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Rabbit Management         Rabbit Management         Disease Management	2 2 2 2 2	10 10 10 10 10		10 10 10 10	5 5 5 5 5		5 5 5 5 5	15 15 15 15 15
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Piggery Management         Rabbit Management/goat         Disease Management         Feed management	2 2 2 2 2 2	10 10 10 10 10 -	- - - - - - - - - - - - - - - - - - -	10 10 10 10 10 10 20	5 5 5 5	- - - - - - 5	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 15 25
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Piggery Management         Rabbit Management/goat         Disease Management         Feed management         Production of quality animal products	2 2 2 2 2 2 2	10 10 10 10 10 10 10	- - - - - - - - - - - - - - - - - - -	10 10 10 10 10 10 20	5 5 5 5	- - - - 5	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 15 25
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Rabbit Management         Production of quality animal products         V Home Science/Women empowerment	2 2 2 2 2 2 2		- - - - - - - - - - - - - - - - - - -	10 10 10 10 10 20	5 5 5	- - - - 5	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 15 25
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Piggery Management         Rabbit Management/goat         Disease Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening	2 2 2 2 2 2 2 2 2 1	10 10 10 10 10 10 -	- - - 20	10 10 10 10 10 10 20 20	5 5 5 5	- - - - 5 5	5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 15 25 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Piggery Management         Piggery Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development of low/minimum cost diet	2 2 2 2 2 2 2 2 2 1 1 1 1 1		- - - - 20 15 15	10 10 10 10 10 20 20 15 15	5 5 5	- - - - 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 25 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Rabbit Management/goat         Disease Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet	2 2 2 2 2 2 2 2 1 1 1 1 1		- - - - 20 15 15	10 10 10 10 10 20 20 15 15	5 5 5	- - - - 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 25 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Rabbit Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet         Minimization of nutrient loss in processing	2 2 2 2 2 2 2 1 1 1 1		- - - - 20 15 15	10 10 10 10 10 20 20 15 15	5 5 5	- - - - 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 25 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Rabbit Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet         Minimization of nutrient loss in processing         Gender mainstreaming through SHGs	2 2 2 2 2 2 2 2 1 1 1 1		- - - - 20 15 15	10 10 10 10 10 20 20 15 15	5 5 5	- - - - 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 25 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Rabbit Management/goat         Disease Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet         Minimization of nutrient loss in processing         Gender mainstreaming through SHGs         Storage loss minimization techniques	2 2 2 2 2 2 2 2 1 1 1 1 1 1 1		- - - - 20 15 15	10 10 10 10 10 20 20 15 15 15	5 5 5	- - - - 5 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 25 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Piggery Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet         Minimization of nutrient loss in processing         Gender mainstreaming through SHGs         Storage loss minimization techniques	2 2 2 2 2 2 2 2 1 1 1 1 1		- - - 20 15 15	10 10 10 10 10 20 20 15 15 15	5 5 5	- - - - 5 5 5 5 5	5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 25 20 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Piggery Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet         Minimization of nutrient loss in processing         Gender mainstreaming through SHGs         Storage loss minimization techniques         Value addition         Income generation activities for empowerment of rural Women	2 2 2 2 2 2 2 2 1 1 1 1 1 1 1 2		- - - - 20 15 15 15 15 30	10 10 10 10 10 20 20 15 15 15 15 30	5 5 5 5 - - -	- - - - 5 5 5 5 5 10	5 5 5 5 5 5 5 5 5 5 5 10	15 15 15 15 15 15 25 20 20 20 20 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Piggery Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet         Minimization of nutrient loss in processing         Gender mainstreaming through SHGs         Storage loss minimization techniques         Value addition         Income generation activities for empowerment of rural Women         Location specific drudgery reduction technologies	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		- - - 20 15 15 15 15 30 50	10 10 10 10 10 20 20 15 15 15 15 15 30 50	5 5 5	- - - - 5 5 5 5 5 5 10 15	5 5 5 5 5 5 5 5 5 5 5 5 5 10 15	15 15 15 15 15 15 25 20 20 20 20 20 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Piggery Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet         Minimization of nutrient loss in processing         Gender mainstreaming through SHGs         Storage loss minimization techniques         Value addition         Income generation activities for empowerment of rural Women         Location specific drudgery reduction technologies         Rural Crafts	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		- - - - 20 15 15 15 15 30 50 15	10 10 10 10 10 20 20 15 15 15 30 50 15	5 5 5	- - - - 5 5 5 5 5 5 5 10 15 5 5	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	15 15 15 15 15 15 25 20 20 20 20 20 20 20 20 20 20 20 20 20
Production and management technology         Post harvest technology and value addition         III Soil Health and Fertility Management         Soil fertility management         Soil and Water Conservation         Integrated Nutrient Management         Production and use of organic inputs         Management of Problematic soils         Micro nutrient deficiency in crops         Nutrient Use Efficiency         Soil and Water Testing         IV Livestock Production and Management         Dairy Management         Poultry Management         Piggery Management         Piggery Management         Production of quality animal products         V Home Science/Women empowerment         Household food security by kitchen gardening and nutrition gardening         Design and development for high nutrient efficiency diet         Minimization of nutrient loss in processing         Gender mainstreaming through SHGs         Storage loss minimization techniques         Value addition         Income generation activities for empowerment of rural Women         Location specific drudgery reduction technologies         Rural Crafts	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		- - - - 20 15 15 15 30 50 15 60	10 10 10 10 10 10 20 20 15 15 15 30 50 15 60	5 5 5 5 - - - - - - - - -	- - - - - 5 5 5 5 5 5 5 5 10 15 5 20	5 5 5 5 5 5 5 5 5 5 5 5 5 5 10 15 5 20	15 15 15 15 15 15 25 20 20 20 20 20 20 20 20 20 20 20 20 20

	-			7		(		
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices						l		
Production of small tools and implements								
Repair and maintenance of farm machinery and implements	6	155	-	155	42	-	42	197
Small scale processing and value addition	-			1				
Deat Line yout Technology						, 		
VII Plant Protection								
Integrated Pest Management								
Integrated Disease Management								
Bio-control of pests and diseases	1							
Production of bio control agents and bio pesticides				1				
VIII Eisborios				ļ				
				l T				
Integrated fish farming				ļ				
Carp breeding and hatchery management						ļ		
Carp fry and fingerling rearing								
Composite fish culture	1							
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp natchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming				Î				
Pearl culture				å				
Fish processing and value addition	-			ļ				
Seed Production				ļ		ļ		
Planting material production								
Bio-agents production								
Bio-pesticides production	1							
Bio-fertilizer production								
Vermi compact production	1			1		 		
				ļ				
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements				1				
Production of livestock feed and fodder								
Production of Fish feed								
Y Conscity Building and Group Dynamics								
A capacity building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs								
Mobilization of social capital	1	•		1				
Entrepreneurial development of farmers/vouths								
				ļ			-	
AI AGIO-IORESTRY				-				
Production technologies								
Nursery management								
Integrated Farming Systems								
XII Others (PI, Specify)	-							
				ļ				
TOTAL	41	447	260	707	117	70	187	889
Mushroom Production						ļ		
Bee-keeping								
Integrated farming	1							
Seed production	1	15	5	20	5	-	5	25
Production of organic inputs	1	10	-	10	-	_		10
Integrated Earming (Medicinal)		10	-	10	-	-	-	10
				<u> </u>				
Planting material production								
Vermi-culture	ļ	Į						

Sericulture								
Protected cultivation of vegetable crops				1				
Commercial fruit production	1			1				
Repair and maintenance of farm machinery and implements	-			<u>.</u>				
Nursery Management of Horticulture crops	1	10	-	10	-	-	-	10
Training and pruning of orchards		•••••		å				
Value addition				1				
Production of quality animal products	-			•			f	
Dairving								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production				1				
Ornamental fisheries				1				
Para vets				1				
Para extension workers	-							
Composite fish culture	<u> </u>			1				
Freshwater prawn culture				1				
Shrimp farming	-			ł				
Pearl culture				•			{	
Cold water fisheries				1				
Fish harvest and processing technology				\$				
Fry and fingerling rearing	-			ł				
Small scale processing				l				
Post Harvest Technology								
Tailoring and Stitching				1				
5				Į	1			
Rural Crafts								
Rural Crafts TOTAL	6	71	35	106	24	10	34	140
Rural Crafts TOTAL (C) Extension Personnel	6	71	35	106	24	10	34	140
Rural Crafts TOTAL (C) Extension Personnel Productivity enhancement in field crops	6	71	35	106	24	10	34	140
Rural Crafts TOTAL (C) Extension Personnel Productivity enhancement in field crops Integrated Pest Management	6	<b>71</b> 20	35	<b>106</b> 20	-	-	-	<b>140</b> 20
Rural Crafts TOTAL (C) Extension Personnel Productivity enhancement in field crops Integrated Pest Management Integrated Nutrient management	6 1	<b>71</b> 20	-	<b>106</b> 20	-	<u>10</u> -	-	<b>140</b> 20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards	6 1	<b>71</b> 20	-	<b>106</b> 20	-	<u>10</u> _	-	<b>140</b> 20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology	6	<b>71</b> 20	-	<b>106</b> 20	-	-	-	<b>140</b> 20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs	1	20	-	<b>106</b> 20	-	-	-	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization	1	20	-	20	-	-	-	<b>140</b> 20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers	1	20	-	20	-	-	-	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application	6	20	-	20	-	-	-	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements	6	20	-	20	-	-	34	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues	6	20	-	<b>106</b>	-	-	-	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals	6	20	-	106	-	-	-	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production	6	20	-	106	-	-	34	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production         Household food security	6	20	-	106	-	-	-	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production         Household food security         Women and Child care	6	20	-	106	-	-	-	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production         Household food security         Women and Child care         Low cost and nutrient efficient diet designing	6	20	-	106	-	-	-	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production         Household food security         Women and Child care         Low cost and nutrient efficient diet designing         Production and use of organic inputs	6	20		106				20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production         Household food security         Women and Child care         Low cost and nutrient efficient diet designing         Production and use of organic inputs         Gender mainstreaming through SHGs	6	20	-	106		-		20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production         Household food security         Women and Child care         Low cost and nutrient efficient diet designing         Production and use of organic inputs         Gender mainstreaming through SHGs         Any other (PI. Specify)	6	20	-	106		-		20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production         Household food security         Women and Child care         Low cost and nutrient efficient diet designing         Production and use of organic inputs         Gender mainstreaming through SHGs         Any other (PI. Specify)	6 1 1	71 20 		106 20		- - -	- - 5 34	20
Rural Crafts         TOTAL         (C) Extension Personnel         Productivity enhancement in field crops         Integrated Pest Management         Integrated Nutrient management         Rejuvenation of old orchards         Protected cultivation technology         Formation and Management of SHGs         Group Dynamics and farmers organization         Information networking among farmers         Capacity building for ICT application         Care and maintenance of farm machinery and implements         WTO and IPR issues         Management in farm animals         Livestock feed and fodder production         Household food security         Women and Child care         Low cost and nutrient efficient diet designing         Production and use of organic inputs         Gender mainstreaming through SHGs         Any other (PI. Specify)         TOTAL         G. Total	6 1 1 1 1 1 6 53	71 20 15 15 101 642		106 20 	24 	- - - - - 5 85	- - 5 34 257	140 20 20 20 20 175 1229

### B) OFF Campus

	No. of			No.	of Partic	ipants		
Thematic Area	NU. UI		Others			SC/ST		Grand
	Courses	Male	Female	Total	Male	Female	Total	Total
(A) Farmers & Farm Women								
I Crop Production		-						
Weed Management	2	30	-	30	10	-	10	40
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								

Water management								
Seed production	2	20	-	20	10	-	10	30
Nursery management	_							
Integrated Crop Management	5	70	_	70	20	_	20	90
Fodder production	v	10			20		20	00
Production of organic inputs								
Il Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	6	70	10	80	15	_	15	95
Off-season vegetables	, v	10					10	00
Nursery raising	1	20	_	20	5	_	5	25
Exotic vegetables like Broccoli	•							
Export potential vegetables		-						
Grading and standardization								
Protective cultivation (Green Houses, Shade Net								
etc.)								
b) Fruits								
Training and Pruning		-						
Lavout and Management of Orchards	3	40	10	50	10	-	10	60
Cultivation of Fruit		-	-		-		-	
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits		-					1	
Micro irrigation systems of orchards								
Plant propagation techniques		-						
c) Ornamental Plants								
Nursery Management		-						
Management of potted plants								
Export potential of ornamental plants		-						
Propagation techniques of Ornamental Plants								
d) Plantation crops		-						
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology	4	55	_	55	_	_	_	55
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology		-						
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management	2	20	_	20	15	_	15	35
Soil and Water Conservation	-			20	10		10	
Integrated Nutrient Management	2	20	_	20	10	_	10	30
Production and use of organic inputs	2	20	_	20	10	_	10	30
Management of Problematic soils	2	20	-	20	10	-	10	
Micro nutrient deficiency in crons	2	20	_	20	10	_	10	30
Nutrient Lise Efficiency	۷	20	-	20	10	_	10	
Soil and Water Testing	2	20	_	20	10	_	10	30
IV Livestock Production and Management	۷	20		20			10	
Dairy Management	2		40	40	_	10	10	50
Poultry Management	-	-	10					~~
Piggery Management								
Rabbit Management /goat				ļ				
Disease Management	<u>.</u>	-					<u> </u>	
Feed management	Δ		80	80	_	20	20	100
Production of quality animal products	- <b>T</b>	-			-	<u>د م</u>	<u>~</u> v	100
V Home Science/Women empowerment								
Household food security by kitchen gardening								
and nutrition gardening	5	-	75	75	-	25	25	100
and nation galaoning	l		1	1	1		1	

Design and development of low/minimum cost								
diet								
efficiency diet								
Minimization of nutrient loss in processing	3	-	45	45	-	15	15	60
Gender mainstreaming through SHGs								
Storage loss minimization techniques	1	-	15	15	-	5	5	20
Value addition								
Income generation activities for empowerment of								
rural Women							_	
Location specific drudgery reduction technologies	1	-	15	15	-	5	5	20
Rural Crafts			<u> </u>					
Installation and maintenance of micro irrigation								
systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and	10	300	_	300	88	_	88	388
implements	10	000		000	00			000
Small scale processing and value addition								
Post Harvest Technology								
Integrated Past Management								
Integrated Pest Management								
Bio-control of pests and diseases								
Production of bio control agents and bio								
pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery			<u> </u>					
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (Horti.)								
Organic manures production (A.S.)						j		
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs(HS)								
Mobilization of social capital								
Entrepreneurial development of farmers/youths						3	•	
(Agro.)								
WTO and IPR issues								
XI Agro-forestry								

Production technologies								
Nursery management				·····				
Integrated Farming Systems (Agro)								
XII Others (PI. Specify)								
TOTAL	59	690	285	975	975	80	283	1258

### C) Consolidated table (ON and OFF Campus)

		No. of Participants Others SC/ST						
Thematic Area	No. of Courses	Others         SC           Male         Femal e         Total         Male         Fem				SC/ST		
		Male	Femal	Total	Male	Female	Total	Grand Total
(A) Farmers & Farm Women			Ŭ					
I Crop Production								
Weed Management	3	45	-	45	15	-	15	60
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management								
Seed production	3	35	-	35	15	-	15	50
Nursery management	1							
Integrated Crop Management	9	130	-	130	40	-	40	170
Fodder production								
Production of organic inputs								
Il Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	11	140	35	175	30	-	30	205
Off-season vegetables								
Nursery raising	2	30	5	35	10	-	10	45
Exotic vegetables like Broccoli								
Export potential vegetables					<b>}</b>		¢	3
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning	4	65	15	70	15	-	15	85
Layout and Management of Orchards			*				ç	2
Cultivation of Fruit								
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops				ļ	ļ			
Production and Management technology								
Processing and value addition								
e) Tuber crops								
Production and Management technology	2	25	5	30	-	-	-	30
Processing and value addition								
f) Spices							¢	
Production and Management technology	7	105	10	115	5	-	5	120
Processing and value addition			Į					
g) Medicinal and Aromatic Plants					ļ			
Nursery management								
Production and management technology		<u> </u>		L	<u> </u>		<u> </u>	

Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management	3	10	-	10	5	-	5	15
Soil and Water Conservation								
Integrated Nutrient Management	4	10	-	10	5	-	5	15
Production and use of organic inputs	3	30	-	30	15	-	15	45
Management of Problematic soils								
Micro nutrient deficiency in crops	1	20	-	20	10	-	10	30
Nutrient Use Efficiency								
Soil and Water Testing	3	40	-	40	20	-	20	60
IV Livestock Production and Management								
Dairy Management	2	-	40	40	-	10	10	50
Poultry Management					1			
Piggery Management								
Rabbit Management/goat								
Disease Management								
Feed management	5	-	100	100	-	25	25	125
Production of quality animal products								
V Home Science/Women empowerment				ļ				
Household food security by kitchen gardening and	6	-	90	90	-	30	30	120
nutrition gardening	~			~~~		~~~		-20
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency	1	-	15	15	-	5	5	20
diet			45	ļ				
Minimization of nutrient loss in processing	3	-	45	45	-	15	15	60
Gender mainstreaming through SHGs	~						10	10
Storage loss minimization techniques	2	-	30	30	-	10	10	40
Value addition								
Income generation activities for empowerment of rural	2	-	30	30	-	10	10	40
	4		05	~~				05
Location specific drudgery reduction technologies	4	-	65	65	-	20	20	85
Rural Cratts			15	15		5	5	20
Women and shild care	1		60	60		20	20	00
Women and child care	4	-	60	60	-	20	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irritation systems	4	-	60	60	-	20	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices	4	-	60	60	-	20	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements	4	-	60	60	-	20	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Renai: and maintenance of farm machinery and	4	-	60	60	-	20	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements	4	- 455	-	60 455	-	20	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition	4	- 455	60 	60 455	- 132	20	20	80 587
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology	4	- 455	-	60 455	- 132	-	20 132	80 587
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection	4 16	- 455	-	60 455	- 132	-	20	80 587
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management	4	455	-	60 455	- 132	-	20	80 587
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management	4	- 455	-	60 455	- 132	-	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases	4 16	- 455	-	60 455	- 132	-	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides	4 16	455	-	60 455	- 132	-	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries	4 16	455	-	60 455	- 132	-	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming	4 16	455	-	455	- 132	-	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming Carp breeding and hatchery management	4 16	455	-	455	- 132	-	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing	4 16	455	-	455	- 132	20	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing Composite fish culture	4 16	455	-	455	- 132	20	20	80
Women and child care VI Agril. Engineering Installation and maintenance of micro irrigation systems Use of Plastics in farming practices Production of small tools and implements Repair and maintenance of farm machinery and implements Small scale processing and value addition Post Harvest Technology VII Plant Protection Integrated Pest Management Integrated Disease Management Bio-control of pests and diseases Production of bio control agents and bio pesticides VIII Fisheries Integrated fish farming Carp breeding and hatchery management Carp fry and fingerling rearing Composite fish culture Hatchery management and culture of freshwater prawn	4	- 455	-	455	- 132	-	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn	4	455	-	455	- 132	-	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery	4	455	-	455	- 132	-	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery         Pen culture of fish and prawn	4	455	-	455	- 132	-	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery         Pen culture of fish and prawn         Shrimp farming	4	455	-	60 455	- 132	-	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery         Pen culture of fish and prawn         Shrimp farming         Edible oyster farming	4	455	-	60 455	- 132	20	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery         Pen culture of fish and prawn         Shrimp farming         Edible oyster farming         Pearl culture	4	455	-	60 455	- 132	20	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery         Pen culture of fish and prawn         Shrimp farming         Edible oyster farming         Pearl culture         Fish processing and value addition	4	455	-	60 455	- 132	20	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery         Pen culture of fish and prawn         Shrimp farming         Edible oyster farming         Pearl culture         Fish processing and value addition         IX Production of Inputs at site	4	455	-	60	- 132	20	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery         Pen culture of fish and prawn         Shrimp farming         Edible oyster farming         Pearl culture         Fish processing and value addition         IX Production of Inputs at site         Seed Production	4	455	-	60	-	20	20	80
Women and child care         VI Agril. Engineering         Installation and maintenance of micro irrigation systems         Use of Plastics in farming practices         Production of small tools and implements         Repair and maintenance of farm machinery and implements         Small scale processing and value addition         Post Harvest Technology         VII Plant Protection         Integrated Pest Management         Integrated Disease Management         Bio-control of pests and diseases         Production of bio control agents and bio pesticides         VIII Fisheries         Integrated fish farming         Carp breeding and hatchery management         Carp fry and fingerling rearing         Composite fish culture         Hatchery management and culture of freshwater prawn         Breeding and culture of ornamental fishes         Portable plastic carp hatchery         Pen culture of fish and prawn         Shrimp farming         Edible oyster farming         Pearl culture         Fish processing and value addition         IX Production of Inputs at site         Seed Production         Planting material production	4	455	-	60	-	20	20	80

8	1				1			
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production	1							
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets	•				å	\$	¢	••••••••••••••••••••••••••••••••••••••
Cmall table and implemente				1				
Small tools and implements			Į		ļ			
Production of livestock feed and fodder								
Production of Fish feed								
Y Canacity Building and Group Dynamics								
A Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHCa								
				ļ		ļ		
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPP issues								
XI Agro-forestry								
Production technologies								
Nurserv management								
				+	ļ	ļ		
Integrated Farming Systems			ļ	Ļ	ļ		ļ	
Sponsored training								
TOTAL	400	1427	EAE	1600	222	160	470	21 E A
	100	1137	545	1002	322	150	4/2	2154
(B) RURAL YOUTH				1				
Muchan an Draduction				<u> </u>				
Mushroom Production						ļ		
Stitching	1	-	20	20	-	5	5	25
Integrated farming								
	4	45	F		F		F	0E
Seed production	 	10	Э	20	э	-	5	20
Production of organic inputs								
Integrated Farming								
Dianting material production	1			1				
	ç				ļ		ļ	
Vermi-culture								
Sericulture								
Distanta aultivation of vagatable graps								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and					_		_	
implements	1	30	-	30	8	-	8	38
				~ ~ ~		•		~~~
Nursery Management of Horticulture crops	1	25	-	25	5	-	5	30
Fruit and vegetable preservation	1	20	-	20	5	-	5	25
Value addition								
Production of quality animal products	Į					ļ		
Dairying								
Sheen and goat rearing	1			İ				
						ļ		
Piggery								
Rabbit farming	•		¢		å	·····	¢	••••••••••••••••••••••••••••••••••••••
Doultry production				<u> </u>			<u> </u>	
	ļ			ļ	ļ		ļ	ļ
Ornamental fisheries								
Para vets								
Para oxtancian warkara	l 			+	<b>.</b>	ļ	<u> </u>	
	ļ			<b>.</b>	ļ			
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
	ļ			<b>_</b>	<u> </u>			
Pearl culture	ļ					ļ		
Cold water fisheries								
					1			
Fish harvest and processing technology								1
Fish harvest and processing technology								
Fish harvest and processing technology Fry and fingerling rearing								
Fish harvest and processing technology Fry and fingerling rearing Small scale processing								
Fish harvest and processing technology Fry and fingerling rearing Small scale processing Past Harvest Technology								
Fish harvest and processing technology Fry and fingerling rearing Small scale processing Post Harvest Technology								
Fish harvest and processing technology Fry and fingerling rearing Small scale processing Post Harvest Technology Tailoring and Stitching								
Fish harvest and processing technology Fry and fingerling rearing Small scale processing Post Harvest Technology Tailoring and Stitching Rural Crafts								
Fish harvest and processing technology Fry and fingerling rearing Small scale processing Post Harvest Technology Tailoring and Stitching Rural Crafts TOTAL			25	145			20	
Fish harvest and processing technology Fry and fingerling rearing Small scale processing Post Harvest Technology Tailoring and Stitching Rural Crafts TOTAL	5	90	25	115	23	5	28	143
Fish harvest and processing technology Fry and fingerling rearing Small scale processing Post Harvest Technology Tailoring and Stitching Rural Crafts TOTAL	5	90	25	115	23	5	28	143
Fish harvest and processing technology Fry and fingerling rearing Small scale processing Post Harvest Technology Tailoring and Stitching Rural Crafts TOTAL (C) Extension Personnel	5	90	25	115	23	5	28	143

Integrated Pest Management								
Integrated Nutrient management	1	20	-	20	5	-	5	25
Rejuvenation of old orchards	1	20	-	20	5	-	5	25
Protected cultivation technology								
Formation and Management of SHGs								
Group Dynamics and farmers organization				Ĩ				
Information networking among farmers								
Capacity building for ICT application								
Care and maintenance of farm machinery and implements	2	55	-	55	15	-	15	70
WTO and IPR issues								
Management in farm animals								
Livestock feed and fodder production								
Household food security								
Women and Child care								
Low cost and nutrient efficient diet designing	1	-	40	40	-	5	5	45
Production and use of organic inputs	1	15	-	15	5	-	5	20
Gender mainstreaming through SHGs								
Any other (PI. Specify)								
Total	6	110	40	150	30	5	35	185
G. TOTAL	112	1332	620	1952	377	165	542	2494

Details of training programmes attached in Annexure -I 3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension	No. of		Farmers		Exte	nsion Off	icials	Total		
Activity	activitie s	Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	6	300	50	350	4	-	4	304	50	354
Kisan Mela	1	500	50	550	15	-	15	515	50	565
Kisan Gosthi	3	250	50	300	8	-	8	258	50	308
Exhibition										
Film Show										
Farmers Seminar										
Workshop										
Group meetings/Night Camp	2	85	20	105	-	-	-	85	20	105
Lectures delivered as resource persons										
Newspaper coverage	15									
Radio talks	10		9		• •	1			•	
TV talks	2									
Popular articles					Î					
Extension Literature										
Advisory Services	1	200	-	200	-	-	-	200	-	200
Scientific visit to farmers field	30	50	5	55	-	-	-	50	5	55
Farmers visit to Kisan Mela at PantNagar	1	10	-	10	-	-	-	10	-	10
Diagnostic visits					1					
Exposure visits										
Ex-trainees Sammelan	1	60	10	70	5	-	5	65	10	75
Soil health Camp										
Animal Health Camp										
Agri mobile clinic										
Soil test campaigns	2	100	15	115	2		2	102	15	117
Farm Science Club Conveners meet	2	40	-	40	2	-	2	42	-	42

Self Help Group	10	30	10	40	3	-	3	33	10	43
FPO formation	5	80	20	100	-	-	-	80	20	100
Mahila Mandals										• •
Conveners meetings										
Celebration of	5	350	50	400	15	-	15	365	50	415
important days										
(Agriculture education										
day, Industrial Day,										
World, Foundation day										
food day& Kisan										
Samman diwas)										
Soil Health Cards	1	3000		3000				3000		3000
distribution										
Farmers scientist	2	00	20	100	2		n	റ	20	100
interaction	Z	80	20	100	2	-	۷	02	20	102
Meeting of Sawchata	0	40	20	60	Л		л	11	20	64
Mission	2	40	20	00	4	-	4	44	20	04
Total	101	5175	320	5495	60	0	60	5235	320	5555

# 3.5 Target for Production and supply of Technological products SEED MATERIALS

SI. No.	Crop	Variety	Quantity (qtl.) Distributed to the farmers (Nos.)
CEREALS	Paddy	Pusa-1718, Pusa-2511	380.00
			380.00
	Wheat	DBW-187,DBW-222, HD-2967	275.00
			275.00
OILSEEDS	Mustard	IJ-31	30.00
		Total	30.00
Pulse	Dhencha	Lokal	For green manuring
VEGETABLES	Palak	All Green	0.05
	Redish	Summer Queen	0.05
	Methi	PEB	0.05

### PLANTING MATERIALS

SI. No.	Crop	Variety	Quantity (Nos.)	Distributed to the farmers (Nos.)
FRUITS	Papaya	Pant-5	2000	50
	Lemon	Barahmasi	150	10
	Anola	Desi	1500	

VEGETABLES	Cauliflower	Snowball-16	5000	10
	Cabbage	Hybrid, POI	2500	20
	Tomato	K-25	5000	25
	Onion	AFLR	100Kg	40
	Chilli	PJ	2500	10
	Chilli	PJ-502	3000	20
	Brinjal	Navkiran	1500	15
	Knol khol	White Bayana	500	10
			23650, 100Kg	130
ORNAMENTAL CROPS				
	Marrigold	PB	5000	50
	Crysinthimum	Local	1500	50
	Holihok	Local	2000	10
	Verbena perinial		2000	25
	Gliardia		2500	25
	Rose		250	10
	Ashok		1000	80
	Duranta		500	20
			14750	270

### **BIO-PRODUCTS**

SI. No.	Product Name	Species		Quantity
			No	(kg)
Vermicompost	Compost	E fotida		500
Nadep Compost	Compost			1600

### LIVESTOCK

SI. No.	Туре	Breed	Qua	intity
			(Nos)	Unit
Cattle				
GOAT		Barbari	30	01
SHEEP				
POULTRY		Keri, Nirbhik	100	01
Pig farming				

### 3.6 Literature to be Developed/Published

(A)	KVK News Letter	:
	Date of start	:

Number of copies to be published :

#### (B) Literature developed/published

S. No.	Торіс	No.	Name of Journal/literature
1	Research paper by each scientist	1	
2	Technical reports	3	
3	News letters	3	
4	Training manual all discipline		
5	Popular article		
6	Extension literature	6	
		Total-13	

#### (C) Details of Electronic Media to be Produced

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

3.7. Success stories/Case studies identified for development as a case. (5 by each KVK)

- a. Brief introduction
- b. Interventions
- c. Output
- d. Outcomes
- e. Impact
  - i) Social economic
  - ii) Bio-Physical
- f. Good Action Photographs

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

#### **Practicing Farmers**

- a) Priority thrust area after PRA survey of adopted villages.
- b) Farmer group discussion.
- c) Field level observations.

#### **Rural Youth**

- a) Priority thrust area after PRA survey of adopted villages.
- b) Farmer group discussion.
- c) Field level observations.
- d)

#### In-service personnel

- a) Priority thrust area after meeting with in-service personal.
- b) Field level observations.
- c)

### 3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT :

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

For FLD :

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

#### 3.10 Field activities

- i. Name of villages identified/adopted with block name (from which year) Sahnuwa, Hinona -Block Awagarh, Himmatpur -Block Nidholi Kalan, Saray Raj Nagar, Block- Jalesar
- ii. No. of farm families selected per village :35
- iii. No. of survey/PRA conducted :3
- iv. No. of technologies taken to the adopted villages:5

v. **Name of the technologies found suitable by the farmers of the adopted villages**:Line sowing, Use of improved varieties of different crops, Balance use of fertilizers on the basis of soil testing report, Vaccination for FMD,

Safe grain storage, Nutritional kitchen gardening,

vi. **Impact (production, income, employment, area/technological- horizontal/vertical)** Increase their crop production and income up to 20-25%.

vii. Constraints if any in the continued application of these improved technologies:

#### 3.11. Activities of Soil and Water Testing Laboratory Status of establishment of Lab:

Status of establishment of Lab.

1. Year of establishment :2005

#### 2. List of equipments purchase with amount

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

#### 3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	300	3000	15	2100
Water				
Plant				
Total	300	3000	15	2100

### 4. LINKAGES

#### 4.1 Functional linkage with different organizations

S. No.	Name of organization	Nature of Linkage
1.	State Deptt. of Agriculture	Training, Gosthi, Field day, Kisan Mela
2.	State Deptt. of Horticulture	Training, Goshi, Field day
3.	State Deptt. of Fruit Preservation	Training, Gosthi
4.	State Deptt. of AH	Training, Vaccination & Animal health camp
5.	UP Seeds Corporation	Training,Gosthi
6.	Shreyas Gramin Bank	Training, Gosthi
7.	IFFCO, KRIBHCO	Gosthi

#### 4.2 Details of linkage with ATMA

1

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

S. No. Programme Nature of linkage

#### 4.3 Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1		

,		
	)	
	,	
1		

#### 4.4 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1		
2		

#### 5. Utilization of hostel facilities

S. No.	Programme	No. of days				
1						
2						
3						
4						
5						
	Total					

#### 6. Convergence with departments :

#### 7.1. Details of the programmes being implemented by your KVK in partnership with other institution

S. No.	Name of Programme	Main Institution (IARI, DBT, DST, UPCAR, etc.)	Duration	Budget (in lakh)
1				

### 7.2. Brief achievements of above collaborative programmes

S. No. Name of Programme Salient achievement Impa	act of the programme
1	

# 8. Achievements (Both Technical and physical) of sponsored programmes (As applicable to your KVK) during the reporting period (2015-16)

S. No.	Name of Programme	Detailed Technical Achievements	Physical (infrastructural achievement)			
1	TSP Project					
2	ARYA Project					
3	CFLD-NFSM Project					
	i. Kharif season	•				
	ii. Rabi season					
2	iii. Summer season					
4	CSISA Project					
5	NICRA Project					
6	Soil Health Card					
7	Other (please specify)	C				
	Total					

#### 9. Feedback of the farmers about the technologies demonstrated and assessed :

#### 10. Feedback from the KVK Scientists (Subject wise) to the research institutions/universities :

### Annexure - I

### Training Programme

### i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training	Duration	Number of	Number of SC/ST	G.T.
		programme	in days	participants		

				м	F	Total	м	F	Total	
Crop product	ion									
03-04.03.22	PF	Impropved variety & Balance ferti. In Moong	2	20	-	20	-	-	-	20
27-28.06.22	PF	Scientific cultivation of Fragrance Paddy	2	20	-	20	5	-	5	25
10.08.22	PF	Weed control in Paddy	1	20	-	20	5	-	5	25
13.09.22	PF	Plant protection in Paddy	1	20	-	20	-	-	-	25
05-06.10.22	PF	Scientific cultivation of mustard	2	20	-	20	5	-	5	25
08-09.11.22	PF	Scientific cultivation of wheat	2	20	-	20	5	-	5	25
Horticulture										
19-20.01.22	PF	Plant Protection in Potato	2	10	-	10	-	-	-	10
17-18- 19.02.22	PF	Scientific cultivation in Hybrid Cabbage	3	15	5	20	5	-	5	20
7-8-9.03.22	PF	Scientific cultivation of Cucurbits	3	15	5	20	5	-	5	20
20-21.03.22	PF	Plant Protection in Onion & Garlic	2	20	-	20	-	-	-	20
18-19.05.22	PF	Integrated pest Management in summer Vegetables.	2	15	5	20	-	-	-	20
22.23.06.22	PF	Layout Plan for New Orchard.	2	15	5	20	5	-	5	25
05-06.07.22	PF	Cultivation of Kharif Onion.	3	15	5	20	5	-	5	25
12-13.07.22	PF	Plant Protection in cucurbitaceous crop.	2	15	5	20	-	-	-	20
14-15.09.22	PF	Scientific cultivation of Garlic.	2	15	5	20	-	-	-	20
06-07- 08.10.22	PF	Scientific cultivation of Potato.	3	15	5	20	-	-	-	20
17-18.10.22	PF	Preparation of raised nursery for Rabi Seasonal Vegetables.	2	10	5	15	5	-	5	20
13-14.12.22	PF	Cultivation of Organic Vegetables.	2	10	5	15	5	-	5	20
Soil health ar	d fertility	,								
19.01.2022	PF	Soil Sampling Technique & It's Important	2	10	-	10	5	-	5	15
04.02.2022	PF	Soil Fertility Management	2	10	-	10	5	-	5	15
11.03.2022	PF	Production and use of organic inputs	2	10	-	10	5	-	5	15
15.12.2022	PF	Use of Balance Fertilizer in Rabi Crop	2	10	-	10	5	-	5	15
Animal Science										

8-9.06.2022	PF	Deworming of dairy animals in rainy season	2	15	5	20	5	-	5	25
Home science	/Women	empowerment								
20-21.01.22	FW	Transplanting of cole crops	2	-	20	20	-	5	5	25
21-22.02.22	FW	Mineral feeding and clean milk production	3	-	20	20	-	5	5	25
3-4.05.22	FW	Safe grain storage	1	-	20	20	-	5	5	25
4-5.07.22	FW	Proper utilization of waste material in Bag making	3	-	20	20	-	5	5	25
10.07.22	FW	Drudgery reduction operation of manual maize sheller	1	-	25	25	-	5	5	25
7-9.08.22	FW	Use of Surplus Milk	3	-	20	20	-	5	5	25
22-27.10.22	FW	Knitting of Baby wollen garments	6	-	20	20	-	5	5	25
29-30.10.22	FW	Preparation of vermicompost,	2	-	20	20	-	5	5	25
5-7.12.22	FW	Preparation of low cost diet	3	-	20	20	-	5	5	25
Agricultural E	ngineerin	g								
12-13.05.2022	PF	Selection, operation and maintenance of Diesel Engine pump set	2	30	-	30	10	-	10	40
6-7.09.2022	PF	Operation maintenance and repairing of tube wells	2	20	-	20	7	-	7	27
15-16.09.2022	PF	Operation and maintenance of Knap sack sprayer	2	30	-	30	7	-	7	37
16-17.10.2022	PF	Maintenance of Diesel Engine	2	30	-	30	7	-	7	37
8-9.02.2021	PF	Maintenance of tractor battery	2	25	-	25	6	-	6	31
5-6.03.2021	PF	Operation and maintenance of electric motor pumping set	2	20	-	20	5	-	5	25

### i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants		Num	ber of S	SC/ST	G.T.	
				м	F	Total	м	F	Total	
Crop production										
20.01.22	PF	Weed control in late wheat	1	20	-	20	5	-	5	25
07.04.22	PF	Scientific cultivation of Green Gram.	1	20	-	20	5	-	5	25

09.05.22	PF	Plant protection in Pulse.	1	20	-	20	5	-	5	25
28.07.22	PF	Plant protection in Paddy	1	20	-	20	5	-	5	25
15.09.22	PF	Plant Protection in Maize	1	20	-	20	5	-	5	25
06.10.22	PF	Use of sulphur in Mustard	1	10	-	10	-	-	-	10
09.12.22	PF	Chemical weed control in wheat	1	20	-	20	5	-	5	25
Horticulture	9									
07.01.22	PF	Care of cole crops	1	10	-	10	-	-	-	10
27.02.22	PF	Plant Protection in Potato.	1	20	-	20	5	-	5	25
02.03.22	PF	Preparation of Vegetable nursery for Zyad season.	1	10	-	10	5	-	5	15
25.03.22	PF	Low Cost technology for cucurbits.	1	10	-	10	5	-	5	15
13.04.22	PF	Control of Red beetal pumpkin.	1	15	5	20	5	-	5	25
28.04.22	PF	Pruning in Guava orchard.	1	10	-	10	-	-	-	10
11.05.22	PF	Integrated pest Management in Okra.	1	15	5	20	5	-	5	25
17.06.22	PF	Preparation of Pits for Fruit Plant.	1	15	5	20	5	-	5	25
09.08.22	PF	Transplanting of Fruit Plant in Field.	1	15	5	20	5	-	5	25
18.09.22	PF	Integrated Nutrient Management in Garlic	1	15	-	15	-	-	-	15
15.11.22	PF	Integrated Nutrient Management in Cole Crops.	1	10	-	10	-	-	-	10
25.11.22	PF	Integrated pest Management in Garlic.	1	20	-	20	-	-	-	20
06.12.22	PF	Integrated Nutrient Management in Onion bulb production	1	10	-	10	-	-	-	10
10.12.22	PF	Care of Rabi Vegetables.	1	10	-	10	-	-	-	10
26.12.22	PF	Cultivation of Hybrid Cabbage.	1	10	-	10	-	-	-	10
Soil health a	and fertilit	ty								
07.01.2022	PF	Soil sampling technique.	1	10	-	10	5	-	5	15
09.02.2022	PF	Soil sampling technique.	1	10	-	10	5	-	5	15
09.03.2022	PF	Benefits of Summer Ploughing.	1	10	-	10	5	-	5	15
03.04.2022	PF	Benefits of Summer Ploughing.	1	10	-	10	5	-	5	15
07.07.2022	PF	Use of micronutrient Zn and B in Kharif Crops	1	10	-	10	5	-	5	15
19.10.2022	PF	Production and use of organic inputs	1	10	-	10	5	-	5	15

16.11.2022	PF	Production and use of organic inputs	1	10	-	10	5	-	5	15
07.12.2022	PF	Importance of Bio Fertilizer	1	10	-	10	5	-	5	15
21.12.2022	PF	Importance of Bio Fertilizer	1	10	-	10	5	-	5	15
Livestock pr	oduction	and management								
07.04.2022	PF	Prevention of animals from ecto and endo paracites	1	20	-	20	5	-	5	25
25.05.2022	PF	Management of milch animals in summer	1	20	-	20	5	-	5	25
05.09.2022	PF	Mineral mixture feeding in dairy animals	1	20	-	20	5	-	5	25
07.10.2022	PF	Prevention of animals from worms	1	20	-	20	5	-	5	25
27.01.2022	PF	Prevention of animals from ecto and endo parasites	1	15	5	20	5	-	5	25
Home scien	ce/Wome	n empowerment								
18.04.2022	FW	Storage of seed and grain	1	-	20	20	-	5	5	25
09.05.2022	FW	Mixed pickles preparation	1	-	20	20	-	5	5	25
15.05.2022	FW	Care of calves and kids in summer	1	-	20	20	-	5	5	25
16.08.2022	FW	Care of kitchen garden	1	-	20	20	-	5	5	25
20.09.2022	FW	Care of kitchen garden	1	-	20	20	-	5	5	25
28.09.2022	FW	Care of pregnant mother	1	-	20	20	-	5	5	25
12.10.2022	FW	Care of Child in Winter	1		20	20	-	5	5	25
16.10.2022	FW	Care of child kitchen garden	1		20	20		5	5	25
04.12.2022	FW	Preparation of mixed pickle	1	-	20	20	-	5	5	25
12.12.2022	FW	Care of kitchen garden	1		20	20	-	5	5	25
15.12.2022	FW	Mixed pickle preparation	1	-	20	20	-	5	5	25
13.01.2021	FW	Care of pregnant mother	1	-	20	20	-	5	5	25
18.01.2021	FW	Care of child in winter	1	-	20	20	-	5	5	25
16.02.2021	FW	Care of kitchen garden	1	-	20	20	-	5	5	25
Agricultural	Engineeri	ng								
20.04.2022	PF	Maintenance and adjustment of Thresher	1	30	-	30	10	-	10	40
25.04. 2022	PF	Maintenance and adjustment of Thresher	1	30	-	30	10	-	10	40
28.04. 2022	PF	Maintenance and adjustment of Thresher	1	30	-	30	10	-	10	40
30.04. 2022	PF	Maintenance and adjustment of Thresher	1	30	-	30	10	-	10	40
29.06. 2022	PF	Repairing and maintenance of	1	30	-	30	10	-	10	40

		Knapsack sprayer								
09.07. 2022	PF	Repairing and maintenance of Knapsack sprayer	1	30	-	30	10	-	10	40
21.07. 2022	PF	Safe operation of tractor and rotavator	1	30	-	30	7	-	7	37
28.07. 2022	PF	Safe operation of tractor and rotavator	1	30	-	30	7	-	7	37
12.01.2021	PF	Maintenance of diesel engine pump set	1	30	-	30	7	-	7`	37
12.02.2021	PF	Maintenance of diesel engine pump set	1	30	-	30	7	-	7	37

#### ii) Vocational training programmes for Rural Youth

Crop /	Identified Thrust	Training title*	Month	Duration	Par	No. o ticipa	f ants	par	SC/ST ticipa	nts	G.Total
Enterprise	Area	<b>3 1 1</b>		(days)	М	F	Т	M	F	Т	
Crop production	Income generating	Wheat seed production	Nov.	4	20	5	25	5	-	5	30
Horticulture	Self employment	Vegetable & Fruits Nursery Management for Rural Youth	August	5	10	-	10	-	-	-	10
Horticulture	Self employment	Cultivation of Organic Vegetables	Oct.	4	10	-	10	-	-	-	10
Home Science	Self employment	Stitching	June- July	2 month	-	20	20	-	5	5	25
Home science	Income generating	Fruit and vegetable preservation	Feb. 2021	6	-	20	20	-	5	5	25
Agril. Engg.	-do-	Diesel engine repairing	June	1 month	30	-	30	8	-	8	38
Agril. Engg.	-do-	Sprayer repairing	Sept.	06	30	-	30	7	-	7	37

### iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration No. of in days Participan M F		No. of participants		No. of Number of Participants SC/ST		r of T	G. Total
On Campus				IVI						
Crop production	EF	Production & protection in Rabi crops	2	20	-	20	-	-	-	20

Horticulture	EF	IPM for horticultural crops	2	10	-	10	-	-	-	10
Home Science	EF	Low cost high nutrient diet for human	2	-	40	40	-	5	5	45
Agri. Engg.	EF	Calibration of zero tillage seed drill for wheat sowing in paddy field	2	30	-	30	8	-	8	38
Agri. Engg.	EF	Repair and maintenance of sprayer	2	25	-	25	7	-	7	32
Livestock Production	EF	Balance feeding and deworming in dairy animals	2	40	-	40	10	-	10	50
Soil Science	EF	Production and use of organic inputs- Nadap Compost & Vermi Compost.	2	20	-	20	10	-	10	30

### iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants		N	umbe SC/S	r of T	G. Total	
					М	F	Т	М	F	Т	
a) Sponso	ored training prog	dramme					A		۵		
					1				l		
					1						
											-
					1		1		1		1
			Total								
b) Sponso	ored research prog	gramme					Å		Å		
					Ĩ		1				
					Ť		Î		Í		
			Total								
c) Any sp	ecial programmes				·••••••••	.i	å		ż		
					1		l				
									1		
					-		1		<u>.</u>		
			Total								•

### ICAR-ATARI, Kanpur

Action Plan for Doubling Farmers Income by 2022

(To be filled in by KVKs)

### (Please see the entire format before starting filling and do not insert any extra column in the format)

Summary of 02 Villages adapted by KVK for DFI:

Name of the KVK	Name of Villages	Block & Tehsil of Village	Total Population of Village	No of Farmer Family in the Village	Distance of Village from KVK	Distance between both Villages
Etah	Name of Village1	Margayan	2500	360	20	33
	Name of Village2	Jalukheda	4500	235	13	33

### Detail Information of 02 Villages adapted by KVK for DFI:

S.N.	Particular	Detail information in r/o Village1	Detail information in r/o Village2
1	Name of KVK	KVK, Etah	KVK, Etah
2	Name of villages to be adopted by KVK	Margayan	Jalukheda
3	Number of farmers to be targeted	360	235
4	Area of agriculture land (ha):	380	400
5	Area of irrigated land (ha):	380	400
6	Number of water body:	1	2
7	Area of water body (ha):	1.5	1
8	Number of different livestock animals:	1080	800
9	Soil status:	Sandy Loam	Sandy Loam
10	Average nutrients (nitrogen, phosphorous, potash, etc) used:Kg/ha.	N-260, P-60, K-40	N-240, P-50, K-30
11	Major diseases occurred in crops:	Wilt, Ruast, Blight, Mosaic	Wilt, Ruast, Blight, Mosaic

12	Major diseases occurred in livestock:	Galaghontu, K	hurpaka, Thanela	Galaghontu, k	Khurpaka, Thanela
13	Post-harvest management/ value addition followed, if any:	]	NO		NO
14	Marketing channels of products:	Awagarh, Etah	& Aligarh Mandi	Awagarh, Etal	h & Aligarh Mandi
15	Agro-based industries, if any:	]	NO		NO
16	Average income of the farmer:	Rs. 60000-65000		<b>Rs. 60</b>	000-80000
17	Average yield of livestock:	1500Lit.		18	800Lit.
18	Average yield of fisheries:	1	NIL		NIL
19	Average yield of different crops cultivated in the both Villages	Name of CropYield of Crop in q/ha		Name of Crop	Yield of Crop in q/ha
		Paddy	35	Paddy	38
		Bajra	25	Bajra	26
		Wheat	34	Wheat	37
		Moong	8	Moong	9
		Mustard	12	Mustard	15
		Potato	200	Potato	208
20	Possibility of involvement of ICAR Institutes:	Name of the Institute	Likely Helps to be Taken	Name of the Institute	Likely Helps to be Taken
		ATARI, Kanpur	Financial & Technical	ATARI, Kanpur	Financial & Technical
21	Possibility of involving private sectors for CSR funds (TCS, WIPRO, Reliance Industries, Bill &	Name of PrivateLikely Helps to beSectorTaken		Name of Private Sector	Likely Helps to be Taken
	Millinda Gates Foundation, Dhanuka Group,	P, Try to help Financial		Try to help	Financial
	Surya roundation, Manindra & Manindra, etc.):	:			

22	Name of other partners to be involved (State Deptt./ Central govt. Deptt./ PSU/ NGO/ Private org.):	Name of the Departments State Deptt.	Likely Helps to be Taken Critical Input	Name of the Departments State Deptt.	Likely Helps to be Taken Critical Input
23	FPO formed or not? (YES/NO)		NO	NO	
24	Major interventions planned for Villages	List of Interventions List of Interventions		nterventions	
		Latest Variety Seed		Latest V	Variety Seed
		INM			INM
		IPM			IPM
		Management of Livestock		Manageme	ent of Livestock

25. Action Plan (including interventions made) and Budget requirement for both the villages:

Sl. No.		Activities planned	<b>Expected Outcome</b>	Budget			
1	Action Plan (including			2018-19	2019-20	2022-21	2021-22
	interventions made)	Introduce improved HYV	Extra	Rs.300000.0	Rs.300000	<b>Rs.300000</b>	<b>Rs.300000</b>
	for the village name1		Rs.2000.0/ha/year		.0	.0	.0
	and Budget requirement:	Use of balance fertilizer as per Soil health Card	Extra Rs.1500.0/ha/year	Rs. 50000.0	Rs. 50000.0	Rs. 50000.0	Rs. 50000.0
		Use of Efficient Machinery for reduction of cost(Hand hoe, Happy seeder, Battery operated sprayer, Cono-weeder & Fertilizer broadcaster)	Extra Rs.1000.0/ha/year	Rs.100000.0	Rs.100000 .0	Rs.100000 .0	Rs.100000 .0
		Introduce cash and Vegetable crop for DFI	Extra Rs.3000.0/ha/year	Rs.20000.0	Rs.20000. 0	Rs.20000. 0	Rs.20000. 0
		Use of Organic matter / Crop residue for increase Soil fertility and save money on Chemical fertilizer	Extra Rs.2000.0/ha/year	Rs. 40000.0	Rs. 40000.0	Rs. 40000.0	Rs. 40000.0

		Value addition of Crop production Management of LIvestock	Extra Rs.1000.0/ha/year Extra	RS. 38000.0 Rs. 20000.0	RS. 38000.0 Rs.	RS. 38000.0 Rs.	RS. 38000.0 Rs.
			Rs.4000.0/ha/year	Da <b>5</b> 69000 0	20000.0	20000.0	20000.0
			VillageName1	KS.508000.0	.0	.0	.0
2	Action Plan (including interventions made)	Introduce improved HYV	Extra Rs.2000.0/ha/year	Rs.300000.0	Rs.300000 .0	Rs.300000 .0	Rs.300000 .0
	for the village name2 and Budget	Use of balance fertilizer as per Soil health Card	Extra Rs.1500.0/ha/year	Rs. 50000.0	Rs. 50000.0	Rs. 50000.0	Rs. 50000.0
	requirement:	Use of Efficient Machinery for reduction of cost(Hand hoe, Happy seeder, Battery operated sprayer, Cono-weeder & Fertilizer broadcaster)	Extra Rs.1000.0/ha/year	Rs.100000.0	Rs.100000 .0	Rs.100000 .0	Rs.100000 .0
		Introduce cash and Vegetable crop for DFI	Extra Rs.3000.0/ha/year	Rs.20000.0	Rs.20000. 0	Rs.20000. 0	Rs.20000. 0
		Use of Organic matter / Crop residue for increase Soil fertility and save money on Chemical fertilizer	Extra Rs.2000.0/ha/year	Rs. 40000.0	Rs. 40000.0	Rs. 40000.0	Rs. 40000.0
		Value addition of Crop production	Extra Rs.1000.0/ha/year	RS. 38000.0	RS. 38000.0	RS. 38000.0	RS. 38000.0
		Management of LIvestock	Extra Rs.4000.0/ha/year	Rs. 20000.0	Rs. 20000.0	Rs. 20000.0	Rs. 20000.0
			Total VillageName2	Rs.568000.0	Rs.568000 .0	Rs.568000 .0	Rs.568000 .0
			Grand Total	Rs.1136000. 0	Rs.113600 0.0	Rs.113600 0.0	Rs.113600 0.0

# INFORMATION FOR PREPARING ACTION PLAN 2019-20 OF *IN-SITU* CROP RESIDUE MANAGEMENT

### Name of KVK: - Etah Name of Host organization R.B.S. College Agra

**A)** Name of Villages to be adopted in 2019-20 (villages should be different from the villages adopted under CRM project in 2018-19)

S. No.	Name of village	Name of block	Name of district
1.	Jinawali	Awagarh	Etah
2.	Sahanauwa	Awagarh	Etah
3.	Nagala Runi	Awagarh	Etah
4.	Nagala Ganga	Awagarh	Etah
5.	Gahrana	Nidholi Kalan	Etah

### **B)** Requirement of Machinery

S. No.	Name of Machinery	No. of Machines required (2019-20)
1.	Happy Seeder	-
2.	Paddy straw Chopper/ Shredder/ Mulcher	-
3.	Shrub master/ Cutter cum spreader	-
4.	Reversible M.B. Plough	-
5.	Rotary Slasher	-
6.	Zero Till drill	1
7.	Rotavator	-
8.	Super SMS for Combine Harvester	-

### C) IEC activities to be conducted

S. No.	Name of activity	Number/Area
1	Demonstration (ha)	50 Hectare
2	Training courses (Number)	5 No.
3	Kissan Mela (Number)	1 No.
4	Farmer-Scientist interface (Number)	2No.

5	Awareness camps (number	
	At village level	5No.
	At block level	2 No.
	At district level	1 No.
6	Mobilization of school students (Number of schools)	2 No.
7	Mobilization of college students (Number of college)	2 No.

### **D)** Publicity and Advertisement

S. No.	Particulars	Number (s)
1.	Advertisement in Print media	6 No.
2.	Columns/Articles in newspaper and magazines etc. to be published	4 No.
3.	Hoardings to be fixed (at Mandi/ Road side/ Market/ Schools/ Petrol pump/ Panchayat etc.)	20 No.
4.	Jingles on Radio/ TV, Scroll message on TV and Audio-Visual clips to be prepared	2 No.
5.	Poster/ Banner to be prepared	150 No.
6.	Publicity material – leaflets/ pamphlets etc. to be prepared	20000 No.
7.	TV programmes/ panel discussion Doordarshan/ DD-Kisan and other private channels	2 No.
8.	Any other (mention the name) Award for Zero Straw burning	4 No.

### Gramin Krishi Mausam Seva (DAMU)

Activities	No. Of Activities	Beneficiari es
AAS (Each Tuesday and Friday)	112	1500
Field Days	15	200
Develop Success Story	2	0
Publication (leaflet, folder and manual)	5	700
Feed back (Farmers )	100	-
Farmers add through wattsapp	2000	3500
Villages covers (No.)	150	10000

Meghdoot App, Damini App &Mausam App	150	300
Establishment of Observatory & AWS	1. ( unit)	-
Soil moisture equipment	1 Kit	-
Develop Video clipping	5	-
Impact Analysis of weather Forecast	8	8
Generate what's app Group	8	-