

REVISED ACTION PLAN

(April 2017 to March 2018)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E-mail	Website
	Office	Fax		
Krishi Vigyan Kendra Rustam Nagar (Bilari) Moradabad (U.P.) - 202411	05921- 270044	-	moradabadkvk@gmail.com	www.moradabad.kvk4.in

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

Address	Telephone		E-mail	Website
	Office	FAX		
Director of Extension S.V.B.P.U. & T. Meerut (U.P.) - 250110	0121- 2411511	0121- 2411511	deesvpuat2014@gmail.com	www.svbpm Meerut.ac.in

1.2.b. Status of KVK website : Yes/No - Yes

1.2. c. No. of Visitors (Hits) to your KVK website (as on today) : 109







1.2.d. Status of ICT Lab at your KVK : Establish soon







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

Name	Telephone / Contact		
	Residence	Mobile	E-mail
Dr. R.K. Singh	-	9412809032	moradabadkvk@gmail.com

1.4. Year of sanction: 2004 (F.No.2-11/99-AE-11(PT) dated 13.12.2004

1.5. Staff Position (as on 1st June 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay scale (Rs.)	Grade pay	Present Basic	Date of Joining	Permanent / Temporary	Category	Mobile No.	Email id	Please attach recent photograph
1.	Sr. Scientist & Head	Dr. R.K. Singh	Sr. Scientist & Head	Agricultural Extension	37400-67400	9000	51600	14-10-2004	Permanent	OBC	+91-9412809032	moradabadkvk@gmail.com	
2.	Subject Matter Specialist	Dr.P.L.Rawat	SMS/ Associate Dir.	Horticulture	37400-67400	9000	45440+9000	25-01-1996	Permanent	SC	+91-9411088138		
3.	Subject Matter Specialist	Sh. Hasan Tanveer	SMS/ Asst. Prof.	Plant breeding <i>On study leave</i>	15600-39100	6000	20590	23-06-2008	On study leave	Others	+91-9369156642	htshahi@yahoo.com	
4.	Subject Matter Specialist	Dr. Arvind kumar	SMS/ Asst. Prof.	Plant protection	15600-39100	6000	23860	23-06-2008	Permanent	Others	+91-9412170753		
5.	Subject Matter Specialist	Dr. Mohan Singh	SMS/ Asst. Prof.	Soil Science	15600-39100	6000	23080	25-06-2008	Permanent	OBC	+91-9457802593	drmsinghkvk@gmail.com	
6.	Subject Matter Specialist	Dr Arvind Kumar Misra	SMS/ Asst. Prof.	Agronomy	15600-39100	6000	23080	09-07-2008	Permanent	Others	+91-09368566251	dr.misraak@rediffmail.com	
7.	Subject Matter Specialist		Vacant		15600-39100								
8.	Farm Manager	Dr. Hambir Singh	Farm Manager	Plant Breed	9300-34800	-	46200	18-08-2007	Permanent	OBC	+91-9759173168		

9.	Prog. Assistant	Sri. Nagendra Pratap Singh	Prog. Assistant	Computer	9300-34800	-	46200	01-09-2007	Permanent	SC	+91-9412060554	nagendrapratap1973@gmail.com	
10.	Prog. Assistant	Sh. Ravinder Pal Singh	Prog. Assistant	Agri. Extension	9300-34800	-	44960	26-12-2008	Permanent	SC	+91-9411409876	rpskvkbsr@gmail.com	
11.	Accountant / Superintendent	Sri. Sanjay Kumar Sharma	Accountant / Superintendent	Accounts	9300-34800	-	58600	18-09-2000	Permanent	BC	+91-9412650468	sksharmakvk@gmail.com	
12.	Stenographer / computer operator	Sri. Ajay Tomar	Stenographer / computer operator		5200-20200	-	34300	30-07-2007	Permanent	Others	+91-8171960800	ajaytomarmbd@gmail.com	
13.	Driver	Sri Virendra Kumar Mishra	Driver	Driver	5200-20200	-	30500	05-12-2003	Permanent	Gen.	+91-9984580773		
14.	Driver	Vacant	Driver	Vacant		-			Permanent				
15.	Supporting staff	Sri. Ram Kishore	Supporting staff		2550-3290	-	31400	09-01-1996	Permanent	SC	+91-9837137652		
16.	Supporting staff	Sri Sarvesh Kumar	Supporting staff	-	2550-3290	-	23500	27-02-2008	Permanent	OBC	+91-9548115024		

1.6. Total land with KVK (in ha): 17.5

S. No.	Item	Area (ha)
1	Under Buildings, Road, Channels and boundary etc.	3.0984
2.	Under Demonstration Units	0.0016
3.	Under Crops	13.0
4.	Orchard/Agro-forestry	0.9
5.	Pond	-
5.	Others (specify)	0.5

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage						Required Now	Needs renovation
			Complete			Incomplete				
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction		
1.	Administrative Building	ICAR		510	43.65	2006		Completed		
2.	Farmers Hostel	ICAR		300	22.92	2006		-do-		
3.	Staff Quarters (6)	ICAR		431	26.72	2006		-do-		
4.	Demonstration Units (2)	ICAR		160	11.05	2006		-do-		
5	Fencing	ICAR		2000 R/M	38.43	2006		-do-		
6	Rain Water harvesting system	-	-	-				Not available		
7	Threshing floor	ICAR		300	2.33	2006		Completed		
8	Farm godown	ICAR		60	3.63	2006		-do-		
9	Irrigation Channel	ICAR		1000 M	8.26			-do-		

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.) Lac	Total kms. Run	Present status
Tractor	2005	3.45		Good condition
Bolero Jeep	2007	4.59		Good condition
Motor cycle	2008	0.52		Good condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
L.C.D. Projector	2007	57000.00	Good condition
U.P.S.	2007	TRF from H.Q.	Good condition
Solar (Lalten)	2007	4040.00	Good condition
Electric Padestral Fan	2005	2410.00	Good condition
Padestral Fan	2005	1725.00	Good condition
11 cultivator	2005	12265.00	Good condition
14 Tawa Harrow	2005	24540.00	Good condition
Leveller	2005	6870.00	Good condition
Nepseeke Spray (Plastic)	2005	1428.00	Good condition
Foot Sprayer	2005	1362.00	Good condition
Disk Bund Farmer	2006	8250.00	Good condition
Seed Drill	2006	23415.00	Good condition
Hand Rotary Fan	2006	1161.00	Good condition
Trailer for Tractor	2006	64524.00	Good condition
Hand Vinoi Fan	2006	1450.00	Good condition
S.D. Memory cord of LCD with Recorder	2007	4000.00	Good condition
Solar domestic light (Model IV)	2008	25775	Good condition

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

Sl.No.	Date
1. Scientific Advisory Committee	27.12.2016

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1.	Major crops – Paddy, wheat, mustard, sugarcane, mentha, lentil, potato.
2.	Crop rotation – Rice- sugarcane, Rice- wheat, urd-mustard-mentha, Jawar-mustard-mentha.
3.	Agriculture + Hort. + Livestock
4.	Agri. + Livestock
5.	Landless + Livestock

2.2 Description of agro ecological situations (based on soil and topography)

S. No.	AES	Characteristics of A.E.S.	Major commodities	Farming system	Block
1	I- Central western plain zone of the district	-Loam and clay loam with high fertility - medium rainfall	Rice, wheat, mentha, sugarcane, chili, cauliflower, cabbage, mango, guava, buffalo, cows	Paddy, wheat, sugarcane+ Poplar+ A.H. (Cow, buffalo)	Thakurdwara, Dilari, Moradabad, Bhagatpur Tanda and Chhajlait
2	II. Central western Plain zone/ Central east southern region of the district	-Sandy loam to loam soil of medium fertility - medium rainfall	Rice, wheat, mentha, sugarcane, mustard as well as vegetables (pea, cucumber, chili, tomato, potato) and mango fruit, buffalo, cows	Paddy, wheat, potato, sugarcane, mentha, mustard based systems + horticulture + A.H.	Bilari
3	III Central western plain zone/ central region of the district	-Sandy loam to loam and clay soil of medium fertility - medium rainfall	Rice, wheat, mentha, sugarcane, potato, guava, mango, poplar etc.	Paddy, wheat, sugarcane, mentha based systems + poplar + A.H.+ Hort.	Munda pandey & Kundarki

2.3 Soil types

Sl. No	Soil type	Characteristics	Area (ha)
1	Clay loam	Clay loam	81930
2	Sandy soil	Sandy soil	25537
3	Sandy loam	Sandy loam	84518
4	Loam	Loam	126433
Total			317919

2.4. Area, Production and Productivity of major crops cultivated in the district (2015-16)

S. No	Crop	Area (ha)	Production (MT)	Productivity (Qtl /ha)
A	FIELD CROPS INCLUDING OIL SEEDS AND PULSES			
1.	Wheat	1,21959	37252	30.54
2.	Lentil	621	560	9.02
3.	Mustard /Toria	2256	2772	13.0
4.	Paddy (Rice)	94947	22652	23.86
5.	Bajra	31231	38.3	12.27
6.	Urd	3867	3046	14.73
7.	Sugarcane	46496	2951380	634.76
B	VEGETABLES			
1.	Potato	1071	24036	230.03
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				

2.5 Weather data (rainfall) Dist. Moradabad

S. No.	Month	2015	2016
1	Jan	26.24	34.46
2	Feb	54.19	15.15
3	March	45.66	56.38
4	April	5.50	25.70
5	May	5.53	34.65
6	June	9.73	194.78
7	July	333.83	367.50
8	Aug	90.70	160.70
9	Sept.	108.35	42.73
10	Oct.	29.83	-
11	Nov.	0.00	-
12	Dec.	37.68	-
	Total rainfall	747.24	932.05
	Average rainfall	62.27	77.67

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	11824	Data not available	Data not available
<i>Indigenous</i>	49989		
Buffalo	327097		
Cow	50277		
Sheep			
<i>Crossbred</i>	220		
<i>Indigenous</i>	5667		
Goats	168248		
Pigs	-		
<i>Crossbred</i>	3165		
<i>Indigenous</i>	27159		
Rabbits	-		
Poultry	143957		
Hens	-		
<i>Desi</i>	-		
<i>Improved</i>	-		
Ducks	-		
Turkey and others	-		
Fish	172	5051	29.36

2.7 Details of operation area/villages

S. No.	Taluk/Village	Name of block	Major crops & enterprises	Major problem identified	Identified thrust area
1	Fattepur Natha	Bilari	Paddy, Wheat, Sugarcane Mentha, Mustard, Poplar, Dairy	Low Productivity of paddy, wheat, mustard, urd etc. The main reason of low yield is due to lack of high yielding varieties, imbalance use of fertilizer & less awareness of insect and disease control timely.	Diversification in agriculture Lack of high yielding varieties. Less availability of plant protection measures.
2	Bhurmaresi	Bilari	Paddy, Wheat, Sugarcane Mentha, Mustard, Poplar, Dairy	Low Productivity of paddy, wheat, mustard, urd etc.	Diversification in agriculture Lack of high yielding varieties.

				<p>The main reason of low yield is due to lack of high yielding varieties, imbalance use of fertilizer & less awareness of insect and disease control timely. Low yield of paddy, wheat, mentha & mustard</p>	<p>Less availability of plant protection measures.</p> <p>Heavy infestation of weeds.</p>
3	Khanpur	Bilari	<p>Paddy, Wheat, Sugarcane Mentha, Mustard, Dairy, Chilli, bottle guard, colocacia</p>	<p>Poor milk production and infertility in animals. Lack of knowledge of quality planting material and production technology in horticultural crops. Low yield of paddy, wheat, mentha & mustard</p>	<p>Diversification in Agriculture.</p> <p>Use of improved variety and IPM, ICM.</p> <p>Heavy infestation of weeds.</p>
4	Ram Nagar Gangpur	Bilari	<p>Paddy, Wheat, Sugarcane Mentha, Mustard, Poplar, Dairy</p>	<p>Use of local varieties of different crops by the farmers.</p> <p>Pest problems</p> <p>Low yield of paddy, wheat, mentha & mustard</p>	<p>Diversification in Agriculture.</p> <p>Use of improved variety and IPM, ICM.</p> <p>Heavy infestation of weeds.</p>

5	Sihari Ladda	Bilari	Paddy, Wheat, Sugarcane Mentha, Mustard, Dairy, Poplar,Chilli, Onion, Gartic, Cucurbits.	Lack of knowledge of improved varieties of different crops. - Pest problems - Lack of knowledge of inter cropping - Crop management & nutrient management. - Disease & insect control of cereals and vegerable crops. - Poor milk production and infertility in animals	- Diversification in agriculture. - Use of improved varieties. - Inter cropping technique. - Crop management. - Weed control - Unawareness of diseases and insect control.
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2.8 Priority/ Thrust Areas

S.N.	Thrust area
1.	Lack of high yielding varieties of different crop.
2.	Low organic matter in soil.
3.	Lack of quality seed production.
4.	Imbalance use of fertilizer.
5.	Problem of weeds in various crops.
6.	Low productivity of oil seeds & pulses.
7.	High infestation of insect & disease in various crops.
8.	Promotion of bio-fertilizers and bio-agents.
9.	Imbalance feeding in milch animals & lack of good breeds.
10	Lack of preservation of fruits and vegetables and high yielding varieties
11	Lack of diversification in agriculture

3 .TECHNICAL PROGRAMME

3. A. Details of targeted mandatory activities by KVK during 2017-18

OFT		FLD			
No. of OFTs	No. of Farmers	Crops		Livestock	
		Area (ha)	No. of Farmers	No. of unit	No. of Farmers
09	39	68.2	206	-	-

CFLD – NFSM Project	
Crops	
Area (ha)	No. of Farmers
70	175

Training		Extension Activities	
No. of Courses	No. of Participants	No. of activities	No. of participants
131	2250	1464	20000

Seed Production (Qtl.)	Planting material (Nos.)	
	Vegetables	Hybrid Napier
200	20000	-

3 B Abstract of interventions to be undertaken

S. No	Thrust areas	Crop/ Enterprise	Identified problem	Title of OFT if any	Title of FLD if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.	Title of Training, if any
1	Moong & Urd/G.nut intercrop with sugar cane in Spring season	Sugarcane	Intercropping	Low income of sugarcane per unit area	-	Importance of intercropping in sugarcane + Moong & Sugarcane + Urd/Ground nut	Field day	Seed of Moong & Urd/G.nut	Importance of intercropping in sugarcane + Moong & Sugarcane + Urd/G.nut
2	Weed management	Paddy	Weed infestation in paddy crop	Weed management in Paddy	-	Weed management in paddy through Chlorimuron + Metsulfuron	-	Weedicide	Weed management in paddy
3	Promotion of Variety	Chilli	-Use local varieties & low production	Evaluation of improved varieties of Chilli	-	Evaluation of improved varieties of Chilli	-	Seed	Promotion of Variety
4	Promotion of Variety	Onion	-Use local varieties & low production	Evaluation of improved varieties of Onion	-	Evaluation of improved varieties of Onion	-	Seed	Promotion of Variety
5	Promotion of Variety	Wheat	-Poor quality seed & low production	Evaluation of HYV	-	Wheat varieties & seed prod. tech. of wheat	-	Seed	Promotion of Variety
6	IPM	Paddy	- Stem borer	Problem of stem borer	-	-	-	Insecticide	
7	IDM	Wheat	Yellow rust	Management of yellow rust disease in wheat crop	-	-	-	Fungicides	

8	INM	Paddy	Low productivity & imbalance uses of fertilizers	Micro nutrients in paddy crop	-	Folic spray of Zinc & Farrous sulphate in paddy			
9	INM	Wheat	Low productivity of wheat due to imbalance use of micro nutrient	Effect of micro nutrients in wheat crop	-	Importance of micro nutrients in wheat crop			
10	Integrated Crop management	Mustard	-No application of Sulphur & No use of weedicide	-	Demonstration of HYV+ weed management & Sulphur application	Crop production technology	Field days	-Seed - Sulphur -Weedicide	Importance of sulphur & Weed management in mustard
11	Promotion of ICM	Urd	- Use of local/ own seed No use of weedicide	-	Demonstration of HYV& weed management	Crop production technology	Field day	-Seed -Weedicide	Integrated crop production
12	Promotion of ICM	Lentil	- Use of local/ own seed	-	Dem. of HYV	Integrated crop management	Field day	- Seed - Biofertilizer	Wilt control in lentil
13	Promotion of ICM	Green gram	- Use of local/ own seed No use of weedicide	-	Demonstration of HYV& weed management	Crop production technology	Field day	-Seed -Weedicide	Integrated crop production
14	Weed management	Paddy	Control weed management	-	Control of weed management through Pyrazosulfuron	Weed management in paddy	Field days	Weedicide	- Integrated weed management
15	Weed management	Wheat	Control weed management	-	Control of weed management through Sulfo sulfuron	Weed in wheat management in wheat	Field days	Weedicide	- Integrated weed management
16	Weed management	S.cane	Weed infestation in S.cane crop	-	Weed management in S.cane	Weed management in S.cane	Field day	Weedicide	Weed management in S.cane

17	Promotion of HYV (Hybrids)	Bottle guard	Use of old varieties	-	Demonstration of high yielding variety of Bottle guard	-	Field day	Seed	HYV of Bottle guard and their prod. Tech.
18	Promotion of HYV (Hybrids)	Potato	Use of old varieties	-	Demonstration of yield potential variety of Potato	-	Field day	Seed	HYV of Potato and their prod. Tech.
19	Promotion of HYV	Paddy	-Use of old variety of Paddy	-	Demo. of HYV of Paddy	- High yielding var. of Paddy	Field Day	- Seed	Integrated crop management
20	Promotion of variety	Paddy	Poor quality seed	-	Demo. of HYV of paddy under rice – wheat system	Paddy varieties and seed production tech of paddy	-	Seed	Integrated crop management
21	Promotion of HYV (Timely sown)	Wheat	Use of old varieties	-	Demo. of HYV of wheat	Production technology	Field day	Seed	Integrated crop management
22	Promotion of HYV (Late sown)	Wheat	Use of old varieties	-	Demo. of HYV of wheat	Production technology	Field day	Seed	Integrated crop management
23	Balance use of fertilizers	Paddy	Imbalance use of fertilizers	-	Use of water soluble fertilizers in paddy	Importance of Water soluble fertilizer in paddy	Field day		
24	INM	Paddy	Micro nutrient deficiency in crops	-	Micro nutrient management in paddy	Importance of folic spray of FeSo4 in paddy	Field day		
25	Balance use of fertilizers	Wheat	imbalance use of fertilizer	-	Use of water soluble fertilizers in wheat	Balance use of fertilizer in wheat	Field day		

26	INM	S.cane	Balance use of fertilizers	-	Use of water soluble fertilizers in S.cane	INM in sugarcane use of use of water soluble fertilizers in S.cane	Field day		
27	INM	S.cane	Micro nutrient deficiency	-	Use of micro nutrient management in S.cane	INM in sugarcane use of bio fertilizer in s.cane (ZnSo4)	Field day		
28	Micro nutrient deficiency in crop	Wheat	No use of Zinc sulphate & Boron in rice-wheat system		Use of Zinc sulphate & Boron in timely sown wheat under rice wheat cropping system	Micro nutrient management in wheat	Field days	Zinc Sulphate & Boron	Fertilizer Mangement in wheat
29	IPM	Mentha	- Leaf eating catterpillar	-	Demons. efficacy of monocrotophos & Quinalphos	Integrated pest management	Field day	Insecticide	-
30	IDM	Paddy	- Blast disease	-	Control of disease	Disease management	Field day	Fungicide	Disease management
31	IPM	Paddy	- Brown plant hopper	-	Demons. efficacy of Imidacloprid	Integrated pest management	Field day	Insecticide	IPM in paddy

3.1 Technologies to be assessed and refined

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

Thematic areas	Cereals	Oil-seeds	Pulses	Commercial crops	Vegetables	Fruits	Flower	Plantation crops	Tuber crops	Total
Varietal evaluation	1	-	-	-	2	-	-	-	-	3
Seed/plant production	-	-	-	-	-	-	-	-	-	-
Weed management	1	-	-	-	-	-	-	-	-	1
Integrated crop management	-	-	-	1	-	-	-	-	-	1
Integrated Nutrient management	2	-	-	-	-	-	-	-	-	2
Integrated Farming system	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Post harvest technology	-	-	-	-	-	-	-	-	-	-
Integrated pest management	1	-	-	-	-	-	-	-	-	1
Integrated disease management	1	-	-	-	-	-	-	-	-	1
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small scale income generating enterprises	-	-	-	-	-	-	-	-	-	-
TOTAL	6	-	-	1	2	-	-	-	-	9

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

Thematic areas	Cereals	Oil-seeds	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	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL	-	-	-	-	-	-	-	-	-	-

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	Total
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition management	-	-	-	-	-	-	-	-
Disease of management	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-
Production & Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	Total
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition management	-	-	-	-	-	-	-	-
Disease of management	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-

B. Details of On Farm Trial:

OFT-1 INTEGRATED CROP MANAGEMENT Sugarcane crop (Season - Zaid 2018)

Particulars	Contents
Title	Intercropping of Moog & Urd/G.nut with Spring S.cane.
Problem diagnosed	Low income due to Sole crop of S.cane
Micro farming situation	Irrigated condition
Details of technology identified for solution	T ₁ : Farmers practice (Sugarcane alone) T ₂ : Sugarcane+ Moong T ₃ : Sugarcane+ Urd/G.nut
No. of farmers	03
Replications	03
Critical inputs	Moong seed @ 15 kg/ha & Urd/G.nut seed @ 15 kg/ha./ 75 Kg./ha.
Production system	Paddy-Wheat- Sugarcane
Source of technology	IISR, Lucknow & SVPU Agri. & Tech., Meerut
Total Cost	Rs. 15000/-
Observation to be recorded	i. No. of tillars (Main crop) ii. Cane yield (q/ha) iii. Inter crop yield (q/ha) iv. Economics.
Name of Scientist	Dr. A.K. Mishra SMS/Assit. Prof. (Agronomy)

OFT-2 INTEGRATED WEED MANAGEMENT Paddy crop (Season – Kharif 2017)

Particulars	Contents
Title	Weed management in Paddy crop.
Problem diagnosed	Low yield of paddy due to heavy weed infestation.
Micro farming situation	Irrigated condition
Details of technology identified for solution	T ₁ : Farmers practice (Manual weeding) T ₂ : Use of weedicid Chlorimuron + Metsulfuron 20 WP
No. of farmers	05
Replications	05
Critical inputs	Chlorimuron + Metsulfuron 20 WP @ 20 gm/ha.
Production system	Paddy-Wheat- Sugarcane
Source of technology	SVPU Agri. & Tech., Meerut
Total Cost	Rs. 15000/-
Observation to be recorded	i. No. of Weeds/sqm ii. Grain yield (q/ha) iii. Yield (q/ha) iv. Economics of both treatments.
Name of Scientist	Dr. A.K. Mishra SMS/Assit. Prof. (Agronomy)

OFT-3 VARIETAL EVALUATION
Chilli crop (Season – Kharif 2017)

Particulars	Contents
Title	Evaluation of improved varieties of chilli.
Problem diagnosed	Low yield of chilli due to use of local varieties.
Micro farming situation	Irrigated condition
Details of technology identified for solution	T ₁ : Farmers practice (Local varieties) T ₂ : Swarna Tejashi
No. of farmers	05
Replications	05
Critical inputs	Chilli seed 50gm/each location.
Production system	Wheat – Chilli, Sarson-Chilli, Potato-Chilli
Source of technology	ICAR, New Delhi
Total Cost	Rs. 18000/-
Observation to be recorded	i. No. of fruits/plants ii. Yield (q/ha) iii. Duration iv. Economics.
Name of Scientist	Dr. P.L. Rawat Assoc. Dir. (Horticulture)

OFT-4 VARIETAL EVALUATION
Onion crop (Season – Rabi 2017-18)

Particulars	Contents
Title	Evaluation of improved varieties of Onion.
Problem diagnosed	Low yield of onion due to use of local varieties.
Micro farming situation	Irrigated condition
Details of technology identified for solution	T ₁ : Farmers practice (Local varieties) T ₂ : N – 53/Dark red
No. of farmers	03
Replications	03
Critical inputs	Onion seed 4 Kg/each location.
Production system	Wheat – Onion, Potato - Onion
Source of technology	ICAR, New Delhi
Total Cost	Rs. 24000/-
Observation to be recorded	i. Height of the plants & Size of onion bulb ii. Yield (q/ha) iii. Duration iv. Economics.
Name of Scientist	Dr. P.L. Rawat Assoc. Dir. (Horticulture)

OFT-5 VARIETAL EVALUATION
Wheat crop (Season - Rabi 2017-18)

Particulars	Contents
Title	Evaluation of high yielding varieties of wheat under late sown condition.
Problem diagnosed	Low yield of late sown wheat.
Micro farming situation	Irrigated condition
Details of technology identified for solution	T ₁ : PBW 373/common variety (farmers' practice) T ₂ : PBW 590 T ₃ : DBW 16
No. of farmers	03
Replications	03
Critical inputs	Seed of PBW - 590 & DBW -16 @ 125 kg/ha.
Production system	Rice-wheat
Source of technology	PBW-590 (PAU, Ludhiana), DBW- 16 (DWR, Karnal)
Total Cost	Rs. 1500/- approx.
Observation to be recorded	No. of tillers/plant, Grain yield q/ha, Duration, Economics
Name of Scientist	Dr. Hambeer Singh, FM (Plant breeding)

**OFT-6 INTEGRATED NUTRIENT MANAGEMENT
Paddy crop (Season - Kharif - 2017)**

Particulars	Contents
Title	Effect of nutrient management on the basis of soil test in paddy. crop.
Problem diagnosed	Low productivity of paddy due to imbalance use of fertilizers.
Micro farming situation	Irrigated condition.
Details of technology identified for solution	T ₁ : Farmers practice (120:40:0:0) T ₂ : Nutrient management on the basis of soil test.
No. of farmers	05
Replications	05
Critical inputs	Phosphorous & Potash .
Production system	Rice -Wheat
Source of technology	SVPUA&T, Meerut
Total Cost	Rs. 3500/- approx.
Observation to be recorded	i. Effective tillers per meter row length. ii. 1000 grain weight (g) iii. No. of grain/ear. iv. No. of tillar/hill v. C:B ratio vi. Yield (q/ha)
Name of Scientist	Dr. Mohan Singh, SMS/Assit. Prof. (Soil Science)

**OFT-7 INTEGRATED NUTRIENT MANAGEMENT
Wheat crop (Season - Rabi 2017-18)**

Particulars	Contents
Title	Effect of balance fertilizer in wheat crop.
Problem diagnosed	Low productivity of wheat due to imbalance use of fertilizers.
Micro farming situation	Irrigated condition.
Details of technology identified for solution	T ₁ : Farmers practice (120:60:45) T ₂ : Balance use of fertilizers on the basis of soil test.
No. of farmers	05
Replications	05
Critical inputs	Phosphorous & Potash
Production system	Rice -Wheat
Source of technology	SVPUA&T, Meerut
Total Cost	Rs. 3500/- approx.
Observation to be recorded	i. Effective tillers per meter row length. ii. 1000 grain weight (g) iii. No. of grain/ear. iv. C:B ratio v. Yield (q/ha)
Name of Scientist	Dr. Mohan Singh, SMS/Assit. Prof. (Soil Science)

OFT-8 INTEGRATED PEST MANAGEMENT
Paddy crop (Season - Kharif 2017)

Particulars	Contents
Title	Management of stem borer in paddy
Problem diagnosed	Low yield of paddy due to infestation of stem borer in the farmer field.
Micro farming situation	Irrigated condition.
Details of technology identified for solution	T ₁ : Farmers practice (use of Carbofuran) T ₂ : Use of Chlorantraniliprole 0.4% G (10 Kg/hac.)
No. of farmers	05
Replications	05
Critical inputs	Chlorantraniliprole 0.4%(10 Kg/hac.)
Production system	Wheat-Paddy.
Source of technology	GBPUA&T, Pantnagar
Total Cost	Rs. 2500/- approx.
Observation to be recorded	i. Infestation of insect % ii. Yield q/ha. iii. Economics
Name of Scientist	Dr. Arvind Kumar, SMS/Assit. Prof. (Plant protection)

OFT-9 INTEGRATED DISEASE MANAGEMENT
Wheat crop (Season - Rabi 2017-18)

Particulars	Contents
Title	Management of Yellow rust in wheat.
Problem diagnosed	Low yield of wheat due to infestation of yellow rust in the farmers field
Micro farming situation	Irrigated condition.
Details of technology identified for solution	T ₁ : Farmers practice (No use of chemicals) T ₂ : Propiconazole 25EC @ 0.5 lit/ha.(2 spray)
No. of farmers	05
Replications	05
Critical inputs	Propiconazole 25EC @ 0.5 lit/ha.(2 spray)
Production system	Urd-Wheat
Source of technology	SVPUA&T, Meerut
Total Cost	Rs. 1500/- approx.
Observation to be recorded	i. Incidence of disease % ii. Yield q/ha. iii. Economics
Name of Scientist	Dr. Arvind Kumar, SMS/Assit. Pof. (Plant Protection)

3.2 Frontline Demonstrations

3.2.1 FLD Oil seeds & Pulses under NFSM Project

A. Oil Seeds:

Mustard

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Mustard	Pusa Mustard - 27/28/ As per availability	Integrated crop management	To demonstrate of HYV + weed management & Sulphur application	<ul style="list-style-type: none"> - Use of HYV - Water soluble fertilizer (18:18:18) - Sulphur application @ 25 kg/ha - Budget required Rs. 1,20000/- 	<i>Rabi</i> 2017-18	20.0	50	<ul style="list-style-type: none"> - Yield - Profit

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	Jan/Feb.2018	50
2	Farmers training	02	Oct./Nov.2017	40
3	Media coverage	02	-	-
4	Training for extension functionaries	01	Sept.2017	10

B. Pulses :

I. Urdbean

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Urd bean	PU-31 & As per availability	Integrated crop management	<ul style="list-style-type: none"> - Use of HYV - Weed management - Water soluble fertilizer (18:18:18) 	<ul style="list-style-type: none"> - Seed - Imazathapyr - Water soluble fertilizer (18:18:18) Total cost= Rs. 150000/-	<i>Kharif</i> 2017	20.0	50	<ul style="list-style-type: none"> - Yield - Profit

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	Sept./ Oct.2017	25
2	Farmers training	01	Aug.2017	20
3	Media coverage	02	-	-
4	Training for extension functionaries	01	Aug, 2017	10

II. Lentil

Crop	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Lentil	<ul style="list-style-type: none"> - Use of bio-fertilizer - Management of wilt disease 	<ul style="list-style-type: none"> - Use of HYV (IPL - 406/As per availability) - Seed treatment with rhizobium culture and trichoderma 	<ul style="list-style-type: none"> - HYV of lentil (200 kg) - Sulphur - Rhizobium culture - Budget required Rs. 1,50,000/- 	Rabi 2017-18	20.0	50	<ul style="list-style-type: none"> - Incidence of wilt disease - Yield - Profit

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	1	Jan 2018	35
2	Farmers training	1	Oct 2017	20
3	Media coverage	2	-	-
4	Training for extension functionaries	-	-	-

III. Green Gram

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Moong	Samrat & As per availability	Integrated crop management	<ul style="list-style-type: none"> - Use of HYV - Weed management - Water soluble fertilizer (18:18:18) 	<ul style="list-style-type: none"> - Seed - Imazathapyr - Bio fertilizer - Water soluble fertilizer (18:18:18) Total cost= Rs. 75000/-	Zaid 2018	10.0	25	<ul style="list-style-type: none"> - Yield - Profit

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	1	April 2018	35
2	Farmers training	1	Feb. 2018	20
3	Media coverage	2	-	-
4	Training for extension functionaries	-	-	-

Sponsored Demonstration C-FLDs under NFSM

Sl. No.	Crop	Area (ha)	No. of farmers
1	Urd (Kharif 2017)	20.0 ha.	50
2	Lentil (Rabi 2017-18)	20.0 ha.	50
3	Mustard (Rabi 2017-18)	20.0 ha.	50
4	Moong (Summer-2018)	10.0 ha.	25
	TOTAL	70.0 ha	175

3.2.2 FLD Other than oil seeds & Pulses

FLD No. - 1

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Paddy	NDR - 359/ Pusa - 1509	Weed management	Weed management in paddy	- Weedicide (Pyrazosulfuron) - Total cost : Rs. 15000/-	Kharif 2017	6.0	15	- Grain yield q/ha. - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	September 2017	20
2	Farmers training	01	Aug.2017	20
3	Media coverage	01	-	-

FLD No. - 2

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Wheat	DBW 621-50 /HD2967	- Weed management	- Weed management in wheat	- Weedicide (Sulfo sulfuron) - Total cost : Rs. 15000/-	Rabi 2017-18	4.0	10	- Grain yield q/ha. - Weed population - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	Feb./March 2018	20
2	Farmers training	01	Oct.2017	20
3	Media coverage	01	-	-

FLD No. - 3

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
S.Cane	CO-0238	- Weed management	- Weed management in S.cane	- Weedicide - Metribuzon - Total cost : Rs. 15000/-	Zaid 2018	6.0	15	- Grain yield q/ha. - Weed population - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	Sept. 2018	20
2	Farmers training	01	Feb./March 2018	20
3	Media coverage	01	-	-

FLD No. - 4

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Bottle guard	Narendra Dharidar Or Narendra Rasmi	Varietal evaluation	- Demon. on Pandal or Machan farming system	- Seed (1 kg per demo.) - Total Seed 10 kg - Total cost : Rs. 16000/-	Kharif 2017	2.0	10	- No. of fruits/plants - Length of fruits - Diameter of fruits - Yield q/ha. - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	Sept. 2017	20
2	Farmers training	01	June 2017	20
3	Media coverage	01	-	-

FLD No. - 5

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Potato	Kufri Anand or Chipsona – 1/2	Varietal evaluation	- To demon. the yield potential of Vari. Kufri Anand	- Seed (1.25 q per demo) - Total seed 12.5 q - Total cost : Rs. 10000/-	Rabi 2017-18	1.0	10	- No. of tubers/plant - Yield q/ha. - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	Feb. 2018	20
2	Farmers training	01	October 2017	20
3	Media coverage	01	-	-

FLD No. - 6

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Paddy	(HKR -127) / other high yielding variety	- Demon. of HYV	- Promotion of high yielding varieties of Paddy	Seed variety – HKR -127 / other high yielding variety - Total cost : Rs. 6000/-	Kharif 2017	2.0	10	- Duration - Grain yield q/ha. - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	September 2017	20
2	Farmers training	02	Aug.2017	40
3	Media coverage	01	-	-

FLD No. - 7

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Paddy	PD – 18 / Other high yielding variety	- Demon. of HYV	- Promotion of high yielding varieties of paddy under Rice –wheat system	- PD – 18/ other high yielding variety - Total cost : Rs. 4000/-	Kharif 2017	1.2	06	- Duration - Grain yield q/ha. - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	August 2017	20
2	Farmers training	01	June 2017	40
3	Media coverage	02	-	-

FLD No. - 8

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Wheat	HD- 2967/ other high yielding variety	- Promoting High yielding variety of wheat	To demonstrate the yield potential of new varieties under timely sown condition	Varieties: HD-2967/ other high yielding variety Total Rs. 5000/ approx.	Rabi 2017-18	1.0	10	- Yield - Duration - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	February 2018	20
2	Media Coverage	02	-	-
3	Farmers training	03	Jan.2018	50

FLD No. - 9

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Wheat	PBW-590/other good variety	- Demon. of HYV under Late sown wheat variety	To demonstrate the late sown varieties of wheat	Variety : PBW-590/other good variety Total Rs : 6000 /- approx.	Rabi 2017-18	1.0 ha	10	- Duration - Yield - Economic

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	February 2018	20
2	Media coverage	01	-	-
3	Farmers training	02	Jan. 2018	40

FLD No. – 10

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Paddy	PB - 1509	INM	- Nutrient management through water soluble fertilizers (18:18:18) N:P:K in paddy @ 12.5 Kg/ha	18:18:18 N:P:K - 12.5 Kg/ha. @ Rs. 85/ kg. Cost – 1063/- ha. Total cost – Rs. 6378/-	Kharif 2017	6.0	15	- Yield . - Economic

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field Day	01	September 2017	20
2	Farmers training	01	April/May 2017	20
3	Media coverage	02	-	Mass

FLD No. – 11

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Paddy	PS - 5	INM	- Micro nutrient management in paddy through Ferrous sulphate @ 25 K/ha.	ZnSo ₄ - 25 Kg/ha. @ Rs. 65/ kg. Cost – 1625/- ha. FeSo ₄ - 20 Kg/ha. @ Rs. 25 /kg. Cost – 500/- ha. Total cost – Rs. 8500/-	Kharif 2017	4.0	10	- Yield . - Economic

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field Day	01	September 2017	20
2	Farmers training	01	April/May 2017	20
3	Media coverage	02	-	Mass

FLD No. – 12

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Wheat	HD-2967	INM	- Nutrient management through water soluble fertilizers (18:18:18) N:P:K in wheat @ 12.5 Kg/ha	18:18:18 N:P:K - 12.5 Kg/ha. @ Rs. 85/ kg. Cost – 1063/- ha. Total cost – Rs. 6378/-	Rabi 2017-18	6.0	15	- Yield . - Economic

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field Day	01	Feb. 2018	20
2	Farmers training	01	Nov.2017	20
3	Media coverage	02	-	Mass

FLD No. – 13

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
S.cane	CO 0238	- INM	- Nutrient management through water soluble fertilizers (18:18:18) N:P:K in S.cane @ 12.5 Kg/ha .	18:18:18 N:P:K - 13.75 Kg/ha. @ Rs. 85/ kg. Cost – 1170/- ha. Total cost – Rs. 7020/-	Zaid 2018	6.0	15	- Yield . - Economic - Diameter

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field Day	01	Feb. 2018	20
2	Farmers training	01	Nov. 2017	20
3	Media coverage	02	-	Mass

FLD No. – 14

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
S.cane	CO - 0238	- INM	- Nutrient management through Ferrous sulphate @ 20 Kg/ha. in S.cane	Ferrous Sulphate - 20 Kg/ha. @ Rs. 20/ kg Cost – Rs. 400/-ha. Total cost – Rs. 2400/-	Zaid 2018	6.0	15	- Yield q/ha. . - Economic - Diameter

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field Day	01	Feb. 2018	20
2	Farmers training	01	March 2018	20
3	Media coverage	02	-	Mass

FLD No. – 15

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
S.cane	CO - 0238	- INM	- Nutrient management through Sulphur @ 30 Kg/ha. in S.cane	Sulphar - 30 Kg/ha. @ Rs. 50/ kg Cost – Rs. 1500/-ha. Total cost – Rs. 6000/-	Zaid 2018	4.0	10	- Yield q/ha. . - Economic - Diameter

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field Day	01	Feb. 2018	20
2	Farmers training	01	March 2018	20
3	Media coverage	02	-	Mass

FLD No. - 16

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Mentha	Kosi	Integrated Insect management	To control leaf eating caterpillars in Mentha through use of Quinalphos @ 2 lit/ha (First spray) Monocrotophos 1.5 lit/ha to (second spray)	- Quinalphos – 8 .0 Lit. - Monocrotophos – 6.0 Lit. - Total cost Rs. 7000/-	Zaid 2018	4.0	10	- Insect infestation% - Yield Kg/hac. - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	May – June 2017	25
2	Media coverage	01	-	-

FLD No. - 17

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Paddy	Hybrid/Basmati	- Integrated disease management	Blast disease management through Hexaconazole 4% + Zineb 68% (Avtar) @ 1 kg/ha. two spray	- Hexaconazole 4% + Zineb 68% (Avtar) - Total 8.0 Kg - Total Cost Rs 8000/-	Kharif 2017	4.0	10	- Disease incidence% - Yield(q/ha) - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	Sept/Oct 2017	30
2	Media coverage	01	-	-

FLD No. - 18

Crop	Variety	Thematic area	Technology Demonstrated	Critical input	Season and year	Area (ha)	No. of farmers	Parameter identified
Paddy	Hybrid/Basmati	- Integrated Pest management	- Control of Brown plant hopper through Buprofezin @ 1lt./ha. (Two spray)	- Buprofezin Total 8.0 Lit. - Total Cost Rs. 8000/-	Kharif 2017	4.0	10	- Insect infestation% - Yield(q/ha) - Economics

Extension and Training Activities

S.No.	Activity	No. of activities	Month	No. of participation
1	Field days	01	Sept. - Oct.2017	30
2	Media coverage	01	-	-

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

A) ON Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	01	18	-	18	02	-	02	20
Resource Conservation Technologies								
Cropping Systems								
Crop Diversification								
Integrated Farming								
Water management								
Seed production	07	119	-	119	21	-	21	140
Nursery management	01	18	-	18	02	-	02	20
Integrated Nutrient Management	05	90	-	90	10	-	10	100
Integrated Crop Management	03	54	-	54	06	-	06	60
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	01	18	-	18	02	-	02	20
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)								
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	01	18	-	18	02	-	02	20
Management of young plants/orchards								
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology								
Processing and value addition								
e) Tuber crops								

Production and Management technology								
Processing and value addition								
f) Spices								
Production and Management technology	01	18	-	18	02	-	02	20
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology	01	17	-	17	03	-	03	20
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management	01	16	-	16	04	-	04	20
Soil and Water Conservation								
Integrated Nutrient Management	03	51	-	51	09	-	09	60
Production and use of organic inputs	02	36	-	36	04	-	04	40
Management of Problematic soils								
Micro nutrient deficiency in crops	01	18	-	18	02	-	02	20
Nutrient Use Efficiency								
Soil and Water Testing	01	15	-	15	05	-	05	20
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management/goat								
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								

VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	05	85	-	85	15	-	15	100
Integrated Disease Management	02	34	-	34	06	-	06	40
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								

Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
XI Agro-forestry								
Production technologies								
Nursery management								
Integrated Farming Systems	01	18	-	18	02	-	02	20
XII Others (Pl. Specify)								
TOTAL	37	643	-	643	97	-	97	740
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping								
Integrated farming								
Seed production								
Production of organic inputs								
Integrated Farming (Medicinal)								
Planting material production								
Vermi-culture								
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops								
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								

Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL								
(C) Extension Personnel								
Productivity enhancement in field crops								
Integrated Pest Management								
Integrated Nutrient management								
Rejuvenation of old orchards								
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 (Pl. Specify)								
TOTAL								
G. Total	37	643	-	643	97	-	97	740

B) OFF Campus

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	02	36	-	36	04	-	04	40
Resource Conservation Technologies								
Cropping Systems	02	36	-	36	04	-	04	40
Crop Diversification								
Integrated Farming								
Water management								
Seed production	05	85	-	85	15	-	15	100
Nursery management								
Integrated Nutrient Management	03	54	-	54	06	-	06	60
Integrated Crop Management	06	108	-	108	12	-	12	120
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	03	54	-	54	06	-	06	60
Exotic vegetables like Broccoli								
Export potential vegetables								
Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	01	18	-	18	02	-	02	20
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit								
Management of young plants/orchards	01	18	-	18	02	-	02	20
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								

d) Plantation crops								
Production and Management technology	01	18	-	18	02	-	02	20
Processing and value addition								
e) Tuber crops								
Production and Management technology	02	36	-	36	04	-	04	40
Processing and value addition								
f) Spices								
Production and Management technology								
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology	03	51	-	51	09	-	09	60
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management	03	48	-	48	12	-	12	60
Soil and Water Conservation								
Integrated Nutrient Management	04	64	-	64	16	-	16	80
Production and use of organic inputs	01	16	-	16	04	-	04	20
Balance use of fertilizers	01	16	-	16	04	-	04	20
Micro nutrient deficiency in crops	03	48	-	48	12	-	12	60
Nutrient Use Efficiency								
Soil and Water Testing	01	18	-	18	02	-	02	20
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management /goat								
Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								

Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	05	85	-	85	15	-	15	100
Integrated Disease Management	04	68	-	68	12	-	12	80
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								
Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								

Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production (Horti.)								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production (Horti.)								
Organic manures production (A.S.)								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs(HS)								
Mobilization of social capital								
Entrepreneurial development of farmers/youths (Agro.)								
WTO and IPR issues								
XI Agro-forestry								
Production technologies	01	18	-	18	02	-	02	20
Nursery management								
Integrated Farming Systems (Agro)	02	36	-	36	04	-	04	40
XII Others (Pl. Specify)								
TOTAL	54	931	-	931	149	-	149	1080
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping	02	16	-	16	04	-	04	20
Integrated farming								
Seed production	04	30	-	30	10	-	10	40
Production of organic inputs	02	16	-	16	04	-	04	20
Integrated Farming (Medicinal)								
Planting material production								
Vermi-culture	02	16	-	16	04	-	04	20
Sericulture								

Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops	02	16	-	16	04	-	04	20
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	12	94	-	94	26	-	26	120
(C) Extension Personnel								
Productivity enhancement in field crops	03	24	-	24	06	-	06	30
Integrated Pest Management	08	64	-	64	16	-	16	80
Integrated Nutrient management	07	56	-	56	14	-	14	70
Rejuvenation of old orchards								
Protected cultivation technology	01	08	-	08	02	-	02	10
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	03	24	-	24	06	-	06	30
Gender mainstreaming through SHGs								
Any other (Pl. Specify) Seed production	02	14	-	14	06	-	06	20
TOTAL	24	190	-	190	50	-	50	240
G. Total	90	1215	-	1215	225	-	225	1440

c) Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						
		Others			SC/ST			Grand Total
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	03	54	-	54	06	-	06	60
Resource Conservation Technologies								
Cropping Systems	02	36	-	36	04	-	04	40
Crop Diversification								
Integrated Farming								
Water management								
Seed production	12	204	-	204	36	-	36	240
Nursery management	01	18	-	18	02	-	02	20
Integrated Nutrient Management	08	144	-	144	16	-	16	160
Integrated Crop Management	09	162	-	162	18	-	18	180
Fodder production								
Production of organic inputs								
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops								
Off-season vegetables								
Nursery raising	04	72	-	72	08	-	08	80
Exotic vegetables like Broccoli								
Export potential vegetables								

Grading and standardization								
Protective cultivation (Green Houses, Shade Net etc.)	01	18	-	18	02	-	02	20
b) Fruits								
Training and Pruning								
Layout and Management of Orchards								
Cultivation of Fruit	01	18	-	18	02	-	02	20
Management of young plants/orchards	01	18	-	18	02	-	02	20
Rejuvenation of old orchards								
Export potential fruits								
Micro irrigation systems of orchards								
Plant propagation techniques								
c) Ornamental Plants								
Nursery Management								
Management of potted plants								
Export potential of ornamental plants								
Propagation techniques of Ornamental Plants								
d) Plantation crops								
Production and Management technology	01	18	-	18	02	-	02	20
Processing and value addition								
e) Tuber crops								
Production and Management technology	02	36	-	36	04	-	04	40
Processing and value addition								
f) Spices								
Production and Management technology	01	18	-	18	02	-	02	20
Processing and value addition								
g) Medicinal and Aromatic Plants								
Nursery management								
Production and management technology	04	68	-	68	12	-	12	80
Post harvest technology and value addition								
III Soil Health and Fertility Management								
Soil fertility management	04	64	-	64	16	-	16	80
Soil and Water Conservation								
Integrated Nutrient Management	07	115	-	115	25	-	25	140
Production and use of organic inputs	03	52	-	52	08	-	08	60
Balance use of fertilizers	01	16	-	16	04	-	04	20
Micro nutrient deficiency in crops	04	66	-	66	14	-	14	80
Nutrient Use Efficiency								
Soil and Water Testing	02	33	-	33	07	-	07	40
IV Livestock Production and Management								
Dairy Management								
Poultry Management								
Piggery Management								
Rabbit Management/goat								

Disease Management								
Feed management								
Production of quality animal products								
V Home Science/Women empowerment								
Household food security by kitchen gardening and nutrition gardening								
Design and development of low/minimum cost diet								
Designing and development for high nutrient efficiency diet								
Minimization of nutrient loss in processing								
Gender mainstreaming through SHGs								
Storage loss minimization techniques								
Value addition								
Income generation activities for empowerment of rural Women								
Location specific drudgery reduction technologies								
Rural Crafts								
Women and child care								
VI Agril. Engineering								
Installation and maintenance of micro irrigation systems								
Use of Plastics in farming practices								
Production of small tools and implements								
Repair and maintenance of farm machinery and implements								
Small scale processing and value addition								
Post Harvest Technology								
VII Plant Protection								
Integrated Pest Management	10	170	-	170	30	-	30	200
Integrated Disease Management	06	102	-	102	18	-	18	120
Bio-control of pests and diseases								
Production of bio control agents and bio pesticides								
VIII Fisheries								
Integrated fish farming								
Carp breeding and hatchery management								
Carp fry and fingerling rearing								
Composite fish culture								
Hatchery management and culture of freshwater prawn								
Breeding and culture of ornamental fishes								

Portable plastic carp hatchery								
Pen culture of fish and prawn								
Shrimp farming								
Edible oyster farming								
Pearl culture								
Fish processing and value addition								
IX Production of Inputs at site								
Seed Production								
Planting material production								
Bio-agents production								
Bio-pesticides production								
Bio-fertilizer production								
Vermi-compost production								
Organic manures production								
Production of fry and fingerlings								
Production of Bee-colonies and wax sheets								
Small tools and implements								
Production of livestock feed and fodder								
Production of Fish feed								
X Capacity Building and Group Dynamics								
Leadership development								
Group dynamics								
Formation and Management of SHGs								
Mobilization of social capital								
Entrepreneurial development of farmers/youths								
WTO and IPR issues								
XI Agro-forestry								
Production technologies	01	18	-	18	02	-	02	20
Nursery management								
Integrated Farming Systems	03	54	-	54	06	-	06	60
XII Others (Pl. Specify)								
TOTAL	91	1574	-	1574	246	-	246	1820
(B) RURAL YOUTH								
Mushroom Production								
Bee-keeping	02	16	-	16	04	-	04	20
Integrated farming								
Seed production	04	30	-	30	10	-	10	40
Production of organic inputs	02	16	-	16	04	-	04	20
Integrated Farming (Medicinal)								

Planting material production								
Vermi-culture	02	16	-	16	04	-	04	20
Sericulture								
Protected cultivation of vegetable crops								
Commercial fruit production								
Repair and maintenance of farm machinery and implements								
Nursery Management of Horticulture crops	02	16	-	16	04	-	04	20
Training and pruning of orchards								
Value addition								
Production of quality animal products								
Dairying								
Sheep and goat rearing								
Quail farming								
Piggery								
Rabbit farming								
Poultry production								
Ornamental fisheries								
Para vets								
Para extension workers								
Composite fish culture								
Freshwater prawn culture								
Shrimp farming								
Pearl culture								
Cold water fisheries								
Fish harvest and processing technology								
Fry and fingerling rearing								
Small scale processing								
Post Harvest Technology								
Tailoring and Stitching								
Rural Crafts								
TOTAL	12	94	-	94	26	-	26	120
(C) Extension Personnel								
Productivity enhancement in field crops	03	24	-	24	06	-	06	30
Integrated Pest Management	08	64	-	64	16	-	16	80
Integrated Nutrient management	07	56	-	56	14	-	14	70
Rejuvenation of old orchards								
Protected cultivation technology	01	08	-	08	02	-	02	10
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	03	24	-	24	06	-	06	30
Gender mainstreaming through SHGs								
Any other (Pl. Specify) Seed production	02	14	-	14	06	-	06	20
TOTAL	24	190	-	190	50	-	50	240
G. Total	127	1858	-	1858	322	-	322	2180

Details of training programmers attached in **Annexure - 1**

Contd. 3.3 SUMMARY OF TRAINING PROGRAMME

A.

Subject	Practicing Farmer								Rural Youths			
	On Campus				Off Campus				On Campus/ Off Campus			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
Crop Production	3	2	2	3	3	4	4	2	1	1	1	1
Horticulture	1	1	1	-	-	3	3	2	1	-	1	-
Agro forestry	-	-	1	-	1	-	1	1	-	-	-	-
Plant Breeding	2	2	2	2	2	3	2	1	1	-	1	-
Plant protection	2	2	1	2	2	3	2	2	-	-	1	1
Soil Science	2	2	2	2	4	3	3	3	-	-	1	1
Agriculture Ext.	-	1	-	-	1	1	-	-	-	-	-	-
Total	10	10	9	9	13	17	15	11	3	1	5	3
Grand Total	38				56				12			

B.

Subject	Sponsored				Extension Functionaries			
	I	II	III	IV	I	II	III	IV
Crop Production	<i>As per H.Q.'s direction</i>				1	1	1	1
Horticulture	-do-				-	1	-	-
Agro forestry	-do-				-	-	-	-
Plant Breeding	-do-				1	-	1	-
Plant protection	-do-				2	2	3	1
Soil Science	-do-				3	2	2	2
Agriculture Ext.	-do-				1	-	-	-
TOTAL -					8	6	7	4
Grand Total	25							

3.4 Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	08	300	20	320	-	-	-	300	20	320
Kisan Mela	01	500	50	550	65	05	70	565	55	620
Kisan Ghosthi	12	360	24	384	50	05	55	410	29	439
Exhibition	01	200	15	215	-	-	-	200	15	215
Film Show	42	2000	100	2100	45	-	45	2045	100	2145
Farmers Seminar	01	275	10	285	15	-	15	290	10	300
Workshop	01	150	10	160	12	-	12	162	10	172
Group meetings	02	40	-	40	05	-	05	45	-	45
Lectures delivered as resource persons	25	600	20	620	20	-	20	620	20	640
Newspaper coverage	100	-	-	-	-	-	-	-	-	Mass
Radio talks	03	-	-	-	-	-	-	-	-	Mass
TV talks	02	-	-	-	-	-	-	-	-	Mass
Popular articles	02	-	-	-	-	-	-	-	-	Mass
Extension Literature	05	-	-	-	-	-	-	-	-	Mass
Advisory Services	450	900	-	900	100	-	100	1000	-	1000
Scientific visit to farmers field	200	300	-	300	50	-	50	350	-	350
Farmers visit to KVK	300	800	-	800	75	-	75	875	-	875
Diagnostic visits	250	750	60	810	-	-	-	750	60	810
Exposure visits	02	100	20	120	20	-	20	120	20	140
Ex-trainees Sammelan	01	50	-	50	03	-	03	53	-	53
Soil health Camp	04	80	-	80	-	-	-	80	-	80
Animal Health Camp	01	25	-	25	-	-	-	25	-	25
Agri mobile clinic	03	75	-	75	14	-	14	89	-	89
Soil test campaigns	10	300	20	320	25	-	25	325	20	345
Farm Science Club Conveners meet										
Self Help Group Conveners meetings										
Mahila Mandals Conveners meetings										
Celebration of important days (specify)	03	150	30	180	05	-	05	155	30	185
Krishi Mohostva	01	60	15	75	05	-	05	65	15	80
Krishi Rath	02	1600	50	1650	50	-	50	1650	50	1700
Pre Kharif workshop	01	500	35	535	25	-	25	525	35	560
Pre Rabi workshop	01	500	35	535	25	-	25	525	35	560
PPVFRA workshop										

PMFBY Sammelan	01	250	10	260	5	-	5	255	10	265
Soil Health card distribution	02	1500	25	1525	5	-	5	1505	25	1530
Any Other (Specify)										
F.T.T	01	300	20	320	25	-	25	325	20	345
Participation in line dept. & others	25	600	20	620	20	-	20	620	20	640
Total	1464	13265	589	13854	664	10	674	13929	599	14528

3.5 Target for Production and supply of Technological products April 2017 to March 2018 SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	Paddy	PR- 113/PR - 118	135.0
	Wheat	PBW -502/550/2967 DPW - 621-50/other best variety	425.0
OILSEEDS			
Commercial			
PULSES			
	Urd/Arhar	PU-31/ Azad - 1 & 2/UPAS - 120	25.00
VEGETABLES			
OTHERS (Specify)			
			585.0

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS			
SPICES			
VEGETABLES			
	Tomato/Brinjal	Abhinav etc.	5000
	Chilli/Onion	Shikha etc.	5000
FOREST SPECIES			
ORNAMENTAL CROPS			10000
		Total	20000.00

Bio-products

Sl. No.	Product Name	Species	Quantity	
			No	(kg)
BIO PESTICIDES				
1				
2				

LIVESTOCK

Sl. No.	Type	Breed	Quantity	
			(Nos)	Unit
Cattle				
GOAT				
SHEEP				
POULTRY				
Pig farming				
FISHERIES				

3.6. Literature to be Developed/Published

(A) KVK News Letter (Date of start, Periodicity, number of copies to be published etc.)- Yet to be come

(B) Literature to be developed /published

Item	No. of copies
Research paper each scientist	1
Technical reports	8
New letters	2
Technical manual all discipline	2
Poplar articles	10
Extension literature	10
Other (specify)	4
Total	37

(C) Details of Electronic Media to be Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	CD/Audio-Cassette	Vermi-Compost/Pressmud composting	01
2	CD/Audio-Cassette	Balance Nutrient-management in Rabi crops.	01

3.7. Success stories/Case studies identified for development as a case.**01 (Bee-Keeping) Plant protection****a. Brief introduction****b. Intervention****c. Output****d. Outcomes****e. Impact****i) Social economics****ii) Bio-Physical****f. Good Action Photographs****3.8 Indicate the specific training need analysis tools/methodology followed for Practicing Farmers**

a) DSR technology in paddy

b) Foliar spray of water soluble fertilizers

c) Insect control in paddy.

Rural Youth

a) Technique of vermi composting/Pressmud production

b) Technique of Nedap compost production

c) Bee-keeping

d) Seed production

In-service personnel

- a) SRI technique in Paddy
- b) Technique of Soil sample collection.
- c) Scientific method of storage of food grain.

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 : Nutrient management in Sugarcane, Paddy & Wheat, Control of blast disease in paddy & Weed management in paddy/wheat.

- 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) -

S.No.	Village Name	Block
1	Ramnagar Gangpur	Bilari
2	Khanpur	Bilari
3	Bhudmareshi	Bilari
4	Fattepur Natha	Bilari
5	Sihari Ladda	Bilari

- ii. No. of farm families selected per village : 50
- iii. No. of survey/PRA conducted : 01
- iv. No. of technologies taken to the adopted villages 05
- v. Name of the technologies found suitable by the farmers of the adopted villages:
- vi. Impact (production, income, employment, area/technological– horizontal/vertical)
- vii. Constraints if any in the continued application of these improved technologies

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. Year of establishment : 2011-12

2. List of equipments purchase with amount

Sl. No.	Name of the equipment	Quantity	Cost (Rs)
1	Chemical balance	1 Nos.	82413.00
2	Physical balance	1 Nos.	21057.00
3	Water distillation unit	1 Nos.	126,563.00
4	keldhel App distillation 6 flask	2 Nos.	58,853.00
5	Oven 600x455x455	1 Nos.	25,037.00
6	PH digital meter	1 Nos.	22,995.00
7	Conducectivity meter	1 Nos.	19651.00
8	Mechanical sheker 36 flask	1 Nos.	52868.00

9	Microscope olympus	1 Nos.	10534.00
10	Grinder willy mill 100x50 ml	1 Nos.	34913.00
11	Hot plate 650x680x180	1 Nos.	6933.00
12	Rapid soil testing kit	2 Nos.	5912.00
13	Spectrophotometer	01 Nos.	1.25
14	Flame Photometer	01 Nos.	1.25

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	1000	800	5	15000.00
Water				
Plant				
Total	1000	800	5	15000.00

4.0 LINKAGES

4.1 Functional linkage with different organizations

Name of organization	Nature of linkage
➤ Agricultural Department, Moradabad & Sambal	Participate as an expert
➤ Soil conservation department , Moradabad & Sambal	Participate as an expert
➤ NSC Meerut & UP Seed corp.	For Seed production
➤ IFFCO/ KRIBCO	Participate as an expert

4.2 Details of linkage with ATMA

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

Sl. No.	Programme	Nature of linkage
1.	Training programme	
2.	AES (Agro-Ecological situation)	
3.	Front line Demonstration (FLD)	Pulse Programme

4.3 Give details of programmes under National Horticultural Mission

S. No.	Programme	Nature of linkage
1		
2		

4.4 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage
1		
2		

5.0 Utilization of hostel facilities

S. No.	Programme	No. of days
1		
2		
	Total	

6.0 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	F.T.T.	UP Govt.	6 days	0.40

7.2. Brief achievements of above collaborative programmes

S. No.	Name of Programme	Salient achievement	Impact 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	50 hac.	Progress Enclosed on Next page
	iii. Summer season	40+40 hac.	
4	CSISA Project		
5	NICRA Project		
6	Soil Health Card		
7	Other (please specify)		
	Total		

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

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

CLUSTER FRONTLINE DEMONSTRATION OF RABI PULSES (2015-16) PERFORMANCE DATA

REPORTING FORMAT KVK WISE

1. Name of KVK: Moradabad

2. Year of establishment: 2004 (F.No.2-11/99-AE-11(PT) dated 13.12.2004)

3. Host Institution: S.V.P.U. Agri. & Tech., Meerut(U.P.) - 250110

4. Address: Rustam Nagar (Bilari) Moardabad (U.P.) - 202411

5. District: Moradabad

6. State: Uttar Pradesh

1 Performance of the demonstration: Lentil

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers (Area in acre)	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)			Max.	Min.	Av.	D	S	P
1	Lentil	Local unknow	6.70	440	388	-585	IPL - 406 INM & IPM	50	12.0	8.57	9.25	90.72	72.25	- 38.33

B. Economic parameters

Sl. No.	Variety demonstrated	Farmer's Existing plot				Demonstration plot				Farmers, feedback
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	
1	IPL - 406	20765	40200	19434	1:1.93	22100	55500	33400	1:2.51	1- Farmers are convinced to IPL - 406 is HYV. 2. Bold seeded 3. No incidence of Blight due to use of sulphur 4. Uniform growth

Note - **1. Sale rate - 6000/- Rs/q.** **2. Yield potential of variety - 15.0 q/ha** **3. District Avg yield - 4.85 q/ha.**
4. State Avg yield 5.37q/ha.

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	IPL - 406	925	900 Kg	60/-	25	-	Use for domestic purpose	15 mandays & 20 house hold

D. Pulse Farmer's perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					Suggestions, for change/improvement, if any
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	
1	<ul style="list-style-type: none"> - Use of HYV (IPL -406) - Use of Rhizobium culture - Use of Tricoderma as a soil application - Use of Sulphur as a basil dressing - Water soluble fertilizer(0:0:50) spread 70 DAS. 	Suitability of early Paddy. Maize, Bajra for farming system		Yes	No	Yes	<ul style="list-style-type: none"> - Farmers opinions are to give chemical fungicides/insecticides as a inputs. - Use of weedicides.

E. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	03.11.2015 Berni	20
2	Field visit	14.01.2016 Berni	15
3	Diagnostic visit	14.03.2016 Berni	17

CLUSTER FRONTLINE DEMONSTRATION OF ZAID PULSES (2016) PERFORMANCE DATA

REPORTING FORMAT KVK WISE

1. Name of KVK: Moradabad

2. Year of establishment: 2004 (F.No.2-11/99-AE-11(PT) dated 13.12.2004

3. Host Institution: S.V.P.U. Agri. & Tech., Meerut(U.P.) - 250110

4. Address: Rustam Nagar (Bilari) Moardabad (U.P.) - 202411

5. District: Moradabad

6. State: Uttar Pradesh

1 Performance of the demonstration: Urd

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers (Area in acre)	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)			Max.	Min.	Av.	D	S	P
1	Urd	Local T-9	6.83	380	303	-205	PU-31 + ICM	40 16 ha	11.42	9.10	9.95	61.78	43.78	- 20.60

B. Economic parameters

Sl. No.	Variety demonstrated	Farmer's Existing plot				Demonstration plot				Farmers, feedback
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	
1	PU-31	18595	55260	37823	1:2.90	21156	80431	60800	1:3.80	1- Farmers are convinced to PU-31 is HYV & Mosac resistance variety. 2. Bold seeded 3. Uniform growth

Note - **1. Sale rate - 8000/- Rs/q. 2. Yield potential of variety - 15.0 q/ha 3. District Avg yield - 6.15 q/ha.**

4. State Avg yield - 2.91q/ha.

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Urd PU-31	995	950 Kg	80/-	45	-	Use for domestic purpose	15 mandays & 15 house hold

D. Pulse Farmer's perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					Suggestions, for change/improvement, if any
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	
1	<ul style="list-style-type: none"> - Use of HYV (PU-31) - Use of Rhyzobium culture - Use of Tricoderma as a soil application - Use of Sulphur as a basil dressing - Water soluble fertilizer(18:18:18) spread 60 DAS. 	Suitability of Mustrad. Wheat, for farming system	-	Yes	No	Yes	- Farmers opinions are to give chemical inputs like-fungicides&Weedcides

E. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	17.3.2016- Khanpur	25
2	Field visit	06.4.2016- Khanpur,02.5.2016- Rajsthal 07.5.2016-Dinora, 27.5.2016 -Khanpur	10 , 15 12 , 20
3	Diagnostic visit	13.5.2016-Dinora	

CLUSTER FRONTLINE DEMONSTRATION OF ZAID PULSES (2016) PERFORMANCE DATA

REPORTING FORMAT KVK WISE

1. Name of KVK: Moradabad

2. Year of establishment: 2004 (F.No.2-11/99-AE-11(PT) dated 13.12.2004)

3. Host Institution: S.V.P.U. Agri. & Tech., Meerut(U.P.) - 250110

4. Address: Rustam Nagar (Bilari) Moardabad (U.P.) - 202411

5. District: Moradabad

6. State: Uttar Pradesh

1 Performance of the demonstration: Moong

A. Technical Parameters:

Sl. No.	Crop demonstrated	Existing (Farmer's) variety name	Existing yield (q/ha)	Yield gap (Kg/ha) w.r.to			Name of Variety + Technology demonstrated	Number of farmers (Area in acre)	Yield obtained (q/ha)			Yield gap minimized (%)		
				District yield (D)	State yield (S)	Potential yield (P)			Max.	Min.	Av.	D	S	P
1	Moong	Local Unknow	6.36	678	683	1200	IPM 2-3 + ICM	40 16 ha	10.80	7.7	9.67	42.62	41.58	- 24.10

B. Economic parameters

Sl. No.	Variety demonstrated	Farmer's Existing plot				Demonstration plot				Farmers, feedback
		Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	Gross Cost (Rs/ha)	Gross return (Rs/ha)	Net Return (Rs/ha)	B:C ratio	
1	Moong IPM 2-3	18275	48070	22630	1:2.63	21300	64720	40960	1:3.0	1- Farmers are convinced to IPM 2-3 is HYV & Mosac resistance variety. 2. Bold seeded 3. Uniform growth

Note - **1. Sale rate - 6500/- Rs/q. 2. Yield potential of variety - 15.0 q/ha 3. District Avg yield - 2.89 q/ha.**

4. State Avg yield - 2.84q/ha.

C. Socio-economic impact parameters

Sl. No.	Crop and variety Demonstrated	Total Produce Obtained (kg)	Produce sold (Kg/household)	Selling Rate (Rs/Kg)	Produce used for own sowing (Kg)	Produce distributed to other farmers (Kg)	Purpose for which income gained was utilized	Employment Generated (Mandays/house hold)
1	Moong IPM 2-3	967	900 Kg	65/-	25	-	Use for domestic purpose	15 mandays & 15 house hold

D. Pulse Farmer's perception of the intervention demonstrated

Sl. No.	Technologies demonstrated (with name)	Farmers' Perception parameters					
		Suitability to their farming system	Likings (Preference)	Affordability	Any negative effect	Is Technology acceptable to all in the group/village	Suggestions, for change/improvement, if any
1	<ul style="list-style-type: none"> - Use of HYV (IPM 2-3) - Use of Rhizobium culture - Use of Tricoderma as a soil application - Use of Sulphur as a basil dressing - Water soluble fertilizer(18:18:18) spread 60 DAS. 	Suitability of Paddy & Maiz, for farming system	-	Yes	No	Yes	- Farmers opinions are to give chemical inputs like-fungicides&Weedcides

E. Extension activities under FLD conducted till dates:

Sl. No.	Extension Activities organized	Date and place of activity	Number of farmer attended
1	Training	15.3.2016 - Rajsthal	23
2	Field visit	6.4.2016 -Rajsthal & Khanpur	15,
3	Diagnostic visit	13.5.2016 -Rajsthal & Khanpur	17 ,12

Details of Training Programme

(i) ON Campus training for Practicing Farmers and farm Women

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
Ist Quarter											
Crop Production	i. Ratoon management in late planted sugarcane.	25 April 17	PF	1	On	17	-	17	3	-	3
	ii. Nursery management of paddy.	18 May 17	PF	1	On	18	-	18	2	-	2
	iii. Production tech. of direct seeded rice.	30 May 17	PF	1	On	5	-	5	15	-	15
Horticulture	i. Management of Chilli crop in summer season.	29 May 17	PF	1	On	18	-	18	2	-	2
Plant breeding	i. Improved varieties of paddy and their production technique	4 May 17	PF	1	On	17	-	17	3	-	3
	ii. Improved varieties of urdbean & mungbean and their production technique	3 June 17	PF	1	On	17	-	17	3	-	3
Plant protection	i. Integrated insect & disease management in mentha crop.	24 April 17	PF	1	On	17	-	17	3	-	3
	ii. Integrated insect and Disease management in Urd crop.	10 May 17	PF	1	On	17	-	17	3	-	3
Soil Science	i. Method of soil samples collection.	15 May 17	PF	1	On	16	-	16	4	-	4
	ii. Fertilizer management in paddy nursery.	10 June 17	PF	1	On	16	-	16	4	-	4

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IInd Quarter											
Crop Production	i. Integrated nutrient management in paddy.	4July17	PF	1	On	18	-	18	2	-	2
	ii. Weed management in paddy.	18 July 17	PF	1	On	17	-	17	3	-	3
Horticulture	Vegetable nursery management in rainy season.	08 Sept. 17	PF	1	On	18	-	18	2	-	2
Plant breeding	i. Improved varieties of basmati rice & their production technique	4 July 17	PF	1	On	17	-	17	3	-	3
	ii. Improved Varieties of rape seeds and mustard, and their production technique.	12 Sept.17	PF	1	On	17	-	17	3	-	3
Plant protection	i. Integrated insect management in paddy	16 Aug.17	PF	1	On	17	-	17	3	-	3
	ii. Integrated disease management in paddy	15 Sept.17	PF	1	On	17	-	17	3	-	3
Soil Science	i. Use of fertilizers on the bases of soil test in paddy.	15 July 17	PF	1	On	17	-	17	3	-	3
	ii. Use of water soluble fertilizer in paddy.	20 Sept. 17	PF	1	On	17	-	17	3	-	3
Agri. Extension	i. Role of information tech. for development of social economic of rural farmers.	Sept. 2017	PF	1	On	18	-	18	2	-	2

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IIIrd Quarter											

Crop Production	i. Use of sulphur & thinning practice in toria & Mustard.	07Sept. 17	PF	1	On	18	-	18	2	-	2
	ii. Conserve & decompose the crop residual for enriching organic carbon in soil.	06 Oct. 17	PF	1	On	18	-	18	2	-	2
Horticulture	i. Agromin foliar application in vegetables.	25 Oct. 17	PF	1	On	18	-	18	2	-	2
Agro-forestry	ii. Inter cropping of wheat with poplar plantation.	4 Nov. 17	PF	1	On	18	-	18	2	-	2
Plant Breeding	i. Improved varieties of wheat and their production technique under timely sown condition.	6 Oct.17	PF	1	On	17	-	17	3	-	3
	ii. Improved Varieties of late sown wheat and their production technique	11 Nov.17	PF	1	On	17	-	17	3	-	3
Plant protection	i. Integrated pest management technique in mustard crop.	15 Nov.17	PF	1	On	17	-	17	3	-	3
Soil science	i. Use of bio-fertilizers in Rabi crops.	21 Oct. 17	PF	1	On	19	-	19	1	-	1
	ii. Foliar spray of zinc and urea in wheat.	30 Nov. 17	PF	1	On	17	-	17	3	-	3

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IVth Quarter											
Crop Production	i. Integrated crop management in mentha crop	21 Jan. 18	PF	1	On	18	-	18	2	-	2
	ii. Integrated crop management in sugarcane.	21 Feb. 18	PF	1	On	18	-	18	2	-	2
	iii. Conserve & decompose the crop residual for enriching organic carbon in soil.	21 March 18	PF	1	On	18	-	18	2	-	2
Plant breeding	i. Improved varieties of mentha and their production technique.	4 Jan.18	PF	1	On	17	-	17	3	-	3
	ii. Improved varieties of maize and their production technique.	4 Feb. 18	PF	1	On	17	-	17	3	-	3
Plant protection	i Integrated pest management technique in <i>rabi</i> pulses.	12 Jan. 18	PF	1	On	17	-	17	3	-	3
	ii. Integrated disease management in sugarcane.	14 Mar. 18	PF	1	On	17	-	17	3	-	3
Soil science	i. Advantage of bio-fertilizers in S.cane.	10 Feb 18	PF	1	On	18	-	18	2	-	2
	ii. Use of micro-nutrient management in S.cane.	18 Feb. 18	PF	1	On	18	-	18	2	-	2

(ii) OFF Campus training for Practicing Farmers and Farm Women

Subject	Title	Date	Clientel e	Duration in days	Venue off/ on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
Ist Quarter											
Crop Production	i. Production technology of late planted sugarcane	17 May 17	PF	1	Off	19	-	19	1	-	1
	ii. Management of agro-forestry trees in Summer season	30 May 17	PF	1	Off	18	-	18	2	-	2
	iii. Production technology of basmati rice	24 June 17	PF	1	Off	18	-	18	2	-	2
Soil Science	i. Importance of soil testing in Agri. Production.	30 May 17	PF	1	Off	18	-	18	2	-	2
	ii. Method of soil sample collection	25 April 17	PF	1	Off	16	-	16	4	-	4
	iii. Fertilizers management in paddy nursery.	20 May 17	PF	1	Off	16	-	16	4	-	4
	iv. Micro nutrients management in paddy	26 May 17	PF	1	Off	16	-	16	4	-	4
Agro- forestry	i. Management of Agro-forestry trees in summer season.	20 June 17	PF	1	Off	16	-	16	4	-	4
Plant breeding	i. Improved varieties of paddy and their production technique	03 May. 2017	PF	1	Off	18	-	18	2	-	2
	ii. Improved varieties of Guar and their production technique	13 May 17	PF	1	Off	17	-	17	3	-	3
Plant protection	i. Precaution during the use of pesticides and selection of pesticides and technique of solution making.	10 June 17	PF	1	Off	17	-	17	3	-	3
	ii Integrated insect management in sugarcane	26 April 2017	PF	1	Off	17	-	17	3	-	3
Agri. Extension	1. Importance of green manuring.	16 May 17	PF	1	Off	17	-	17	3	-	3
		June 2017	PF	1	Off	18	-	18	2	-	2

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IInd Quarter											
Crop Production	i. Production technology in Urd.	3 Aug. 17	PF	1	Off	18	-	18	2	-	2
	ii. Production technology of intercropping in autumn Sugarcane	12 Sept. 17	PF	1	Off	18	-	18	2	-	2
	iii. Integrated crop management in potato.	19Sept. 17	PF	1	Off	18	-	18	2	-	2
	iv. Use of Sulphur & thinning practice in mustard	Sept. 17	PF	1	Off	18	-	18	2	-	2
Horticulture	i. Improved varieties of sponge guard & their production technique.	05 July. 17	PF	1	Off	18	-	18	2	-	2
	ii. Improved varieties of bottle guard & their production technique	08Aug, 17	PF	1	Off	18	-	18	2	-	2
	iii. Crop regulation in guava	30Sept.,2017	PF	1	Off	18	-	18	2	-	2
Plant breeding	i. Sucker production technique in mentha	15 July.17	PF	1	Off	17	-	17	3	-	3
	ii. Improved varieties of rape seed & mustard and their production technique	20 Aug. 17	PF	1	Off	17	-	17	3	-	3
	iii. New varieties of sugarcane and their production technique	21 Sept. 17	PF	1	Off	17	-	17	3	-	3
Plant protection	i. Management of termite in <i>kharif</i> crops.	14 July. 17	PF	1	Off	17	-	17	3	-	3
	ii. Disease control in urd crop.	20 July 17	PF	1	Off	17	-	17	3	-	3
	iii. Management of hairy caterpillar in urd .	22 Aug. 17	PF	1	Off	17	-	17	3	-	3
Soil Science	i. Use of fertilizers on the bases of soil test in paddy.	13 July 17	PF	1	Off	16	-	16	4	-	4
	ii. Advantage of bio fertilizers	31 Aug. 17	PF	1	Off	16	-	16	4	-	4
	iii. Method of soil sample collection	21 Sept. 17	PF	1	Off	16	-	16	4	-	4
Agri. Extension	i. Different policies of U.P. Govt. for Agriculture development.	Sept. 2017	PF	1	Off	18	-	18	2	-	2

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IIIrd Quarter											
Crop Production	i. ICM in lentil.	11 Oct. 17	PF	1	Off	18	-	18	2	-	2
	ii. Integrated Crop management in timely sown wheat	17 Oct. 17	PF	1	Off	18	-	18	2	-	2
	iii. Weed management in wheat	25 Nov. 17	PF	1	Off	18	-	18	2	-	2
	iv. Fertilizer & irrigation management in Late sown wheat	03 Dec. 17	PF	1	Off	18	-	18	2	-	2
Horticulture	i. Integrated crop management in potato.	17 Oct. 17	PF	1	Off	18	-	18	2	-	2
	i. Improved varieties of onion and their production technique.	18 Oct. 17	PF	1	Off	18	-	18	2	-	2
	ii. Technical management of cauliflower prod.	24 Oct. 17	PF	1	Off	18	-	18	2	-	2
Soil Science	iii. Method of soil sample collection.	21 Oct. 17	PF	1	Off	16	-	16	4	-	4
	iv. Use of water soluble fertilizer in wheat.	16 Nov. 17	PF	1	Off	16	-	16	4	-	4
	v. Foliar spray of zinc and urea in wheat	28 Dec. 17	PF	1	Off	16	-	16	4	-	4
Agro-forestry	i. Inter cropping technique of wheat cultivation with poplar plantation.	07 Nov. 2016	PF	1	Off	18	-	18	2	-	2
Plant breeding	i. Improved varieties of wheat and their production technique	27 Oct. 17	PF	1	Off	17	-	17	3	-	3
	ii. Varieties of wheat under late sown condition and their production technique	18 Nov.17	PF	1	Off	17	-	17	3	-	3
Plant protection	i. Integrated insect management in Rabi pulse crops.	21 Nov. 17	PF	1	Off	17	-	17	3	-	3
	ii. Management of early and late blight disease control in potato	15 Dec.17	PF	1	Off	17	-	17	3	-	3

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
IVth Quarter											
Crop Production	i. Integrated nutrient management of ratoon sugarcane crop	28 Jan.18	PF	1	Off	18	-	18	2	-	2
	ii. Production tech. of inter crop in spring sugar cane.	3 Feb. 18	PF	1	Off	18	-	18	2	-	2
Horticulture	i. Vegetable nursery management & bio-fertilizers use.	07 Jan. 2018	PF	1	Off	18	-	18	2	-	2
	ii. Cultivation of tomato on <i>Staking</i> system.	15 Jan 2018	PF	1	Off	18	-	18	2	-	2
Agro-forestry	i. Inter cropping of sugar cane with poplar.	04 March. 2018	PF	1	Off	18	-	18	2	-	2
Plant breeding	i. Improved varieties of mentha and their production technique	20 Jan. 2018	PF	1	Off	17	-	17	3	-	3
Plant protection	i. Integrated Pest Management technique in mentha crop.	19 Jan. 18	PF	1	Off	17	-	17	3	-	3
	ii. Technique and importance of Seed treatment in <i>zaid</i> crops	08 Feb. 2018	PF	1	Off	17	-	17	3	-	3
Soil Science	i. Use of liquid fertilizers in S.cane.	11Jan.2018	PF	1	Off	16	-	16	4	-	4
	ii. Use of water soluble fertilizer in standing crop of wheat.	20Jan.2018	PF	1	Off	16	-	16	4	-	4
	iii. Advantage of micro-nutrient management in Sugarcane.	12 March 2018	PF	1	Off	16	-	16	4	-	4

ON Campus/ OFF Campus : Vocational training programme for Rural Youth (ON/OFF Campus)

Subject	Title	Date	Thrust Area	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
							M	F	Total	M	F	Total
Ist Quarter												
Crop production	Production tech. of Blue Green Elge & Azola.	13-18 June 17	Promotion of organic manure	RY	6	On/Off	8	-	8	2	-	2
Horticulture	Cultivation of cucurbits	5-10 June 17	Promotion of cucurbits production	RY	6	On/Off	8	-	8	2	-	2
Plant breeding	Seed production technique of paddy	22-27 June17	Promoting seed production technique	RY	6	On/Off	8	-	8	2	-	2
IInd Quarter												
Crop production	Production tech. of Blue Green Elge & Azola.	13-18 Aug. 17	Promotion of organic manure	RY	6	On/Off	8	-	8	2	-	2
IIIrd Quarter												
Crop production	Seed production technique of Mustard	20-26 Oct. 17	Promoting seed production technique	RY	6	On/Off	8	-	8	2	-	2
Horticulture	Cultivation technique of spices crop	13-18 Aug 17	Promotion of spices crop	RY	6	On/Off	8	-	8	2	-	2
Soil Science	Vermi-compost production	17-22 Oct. 17	Promotion of organic manure	RY	6	On/Off	8	-	8	2	-	2
Plant Breeding	Wheat seed production technique	24 -29 Oct.17	Promoting Wheat seed Production	RY	6	On/Off	7	-	7	3	-	3
Plant Protection	Technique of bee keeping	16 to 21 Oct.17	Promoting honey production	RY	6	On/Off	8	-	8	2	-	2
IVth Quarter												
Crop production	Seed production technique of S.cane	20-26 Feb. 18	Promoting seed production technique	RY	6	On/Off	8	-	8	2	-	2
Plant protection	Technique of bee keeping	13 - 18 Feb 18	Promotion of honey production	RY	6	On/Off	8	-	8	2	-	2
Soil Science	Nedap & Vermi compost production	08-13 Feb. 18	promotion of organic manure	RY	6	On/Off	10	-	10	-	-	-

(iii) Training Programme for Extension Functionaries

Subject	Title	Date	Clientele	Duration in days	Venue off/on	No. of Participants			Number of SC/ST		
						M	F	Total	M	F	Total
Ist Quarter											
Crop production	Production technology of DSR in paddy	03 June 2017	EF	1	On/Off	8	-	8	2	-	2
Soil Science	Balance use of fertilizers on the basis of soil testing in paddy.	26 April 2017	EF	1	On/Off	8	-	8	2	-	2
	Importance of green manure in paddy	24 May 2017	EF	1	On/Off	8	-	8	2	-	2
	Micro- nutrient management in paddy	27 June 2017	EF	1	On/Off	8	-	8	2	-	2
Plant breeding	Seed production of paddy	28 June 2017	EF	1	On/Off	7	-	7	3	-	3
Plant protection	Technique of storage of food grains.	24 May 2017	EF	1	On/Off	8	-	8	2	-	2
	Management of Top borer in S.cane	27 June 2017	EF	1	On/Off	8	-	8	2	-	2
Agri. Extension	Importance of Pradhan mantri Fasal Beema Yojna	June 2017	EF	1	On/Off	8	-	8	2	-	2
IInd quarter											
Crop Production	Role & importance of water soluble fertilizer on crop production	10 Aug 2017	EF	1	On/Off	8	-	8	2	-	2
Horticulture	Planting technique for higher production fruits crops.	14 July 2017	EF	1	On/Off	8	-	8	2	-	2
Soil Science	Use of Vermi & Nedap compost for soil health	19 Sept. 2017	EF	1	On/Off	8	-	8	2	-	2
	Use of micro- nutrients in Paddy.	28 Sept. 2017	EF	1	On/Off	8	-	8	2	-	2
Plant protection	Integrated pest management technique in <i>kharif</i> crops	20 Sept. 2017	EF	1	On/Off	8	-	8	2	-	2
	Control of Mosaic disease in Urd crop.	27 July 2017	EF	1	On/Off	8	-	8	2	-	2

IIIrd Quarter											
Crop Production	Production tech. in late sown wheat	07 Oct. 2017	EF	1	On/Off	8	-	8	2	-	2
Soil Science	Use of water soluble fertilizers in wheat.	10 Nov. 2017	EF	1	On/Off	8	-	8	2	-	2
	Foliar spray of Zinc and Urea in Wheat.	21 Dec. 2017	EF	1	On/Off	8	-	8	2	-	2
Plant breeding	Improved variety of wheat and their production technique	28 Nov. 2017	EF	1	On/Off	7	-	7	3	-	3
Plant protection	Integrated pest management in <i>rabi</i> crops and vegetables	25 Oct. 2017	EF	1	On/Off	8	-	8	2	-	2
	Technique of selection & use of pesticides.	28 Nov. 2017	EF	1	On/Off	8	-	8	2	-	2
	Insect & Disease management in <i>rabi</i> pulse crops	21 Dec. 2017	EF	1	On/Off	8	-	8	2	-	2
IVth Quarter											
Crop production	Production technology of Mentha with associate of wheat crop.	10 Feb 2018	EF	1	On/Off	8	-	8	2	-	2
Soil Science	Use of sulphur in Sugarcane.	21 Feb 2018	EF	1	On/Off	8	-	8	2	-	2
Soil Science	Advantage of Bio-fertilizers in S.cane and its application.	10 Marc. 2018	EF	1	On/Off	8	-	8	2	-	2
Plant Protection	Integrated pest management technique in Zaid crops.	24 Jan. 2018	EF	1	On/Off	8	-	8	2	-	2

