



Annual Action Plan (2018-19)



**KRISHI VIGYAN KENDRA
SHRI BHAGWAT BHAKTI ASHRAM
RAMPURA- REWARI, 123401 (HARYANA)**

DETAILS OF ACTION PLAN OF KVKs DURING 2018-19

(1st April 2018 to 31st March 2019)

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, Rampura– Rewari, 123401 (Haryana)	01274-222475	01274- 222475	bbakvkrr@gmail. com	www.kvkreware.org

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

Address	Telephone		E mail	Website
	Office	FAX		
Shri Bhagwat Bhakti Ashram, Rampura – Rewari, 123401 (Haryana)	01274-222401	--	--	--

1.2.b. Status of KVK website : Yes (**kvkreware.org**)

1.2.c. No. of Visitors (Hits) to your KVK website (as on today) : 16320



1.2.d Status of ICT lab at your KVK :

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




Name	Telephone / Contact		
	Office	Mobile	Email
Dr. Kapur Singh	01274-222475	9416475793	kapurreware@gmail.com

1.4. Year of sanction: 1983

1.5. Staff Position (as on 31st Jan., 2018)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Grade Pay	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)	Mobile No.	Email id	Please attach recent photograph
1	Programme Coordinator	Dr. Kapur Singh	Programme Coordinator	Plant Pathology	37400-67000	9000	64229	02.02.01	Permanent	OBC	9416475793	kapurreware@gmail.com	
2	Subject Matter Specialist	Sh. V. J. Singh	SMS	Agronomy	15600-39100	5400	35158	10.10.1995	Permanent	Other	9416214811	jeetm67@gmail.com	

3	Subject Matter Specialist	Dr. Pramod Kumar	SMS	Horticulture	15600-39100	5400	29068	24.07.1995	Permanent	OBC	9255182084	pkyrnm@gmail.com	
4	Subject Matter Specialist	Vacant	SMS	Animal Sci.	15600-39100	5400	--	--	--	--	--	--	--
5	Subject Matter Specialist	Dr. Himmat Kumar	SMS	Agri. Extn.	15600-39100	5400	24334	18.03.2011	Permanent	SC/PH	9896750258	himmat.jeenger@gmail.com	
6	Subject Matter Specialist	Er. Raj Kumar	SMS	Agri. Engg.	15600-39100	5400	24334	24.04.2011	Permanent	OBC	9416926163	rajguru567@gmail.com	
7	Subject Matter Specialist	Anil Kumar Yadav	SMS	Soil science	15600-39100	5400	23635	02.07.12	Permanent	OBC	9813719455	anilyadav878@gmail.com	
8	Programme Assistant	Smt. Rajkumari		Home Science	9300-34800	4200	24946	01.05.92	Permanent	OBC	9896167772	rajbhatotiya@rediffmail.com	
9	Farm manager	Vacant	Farm manager	--	9300-34800	4200	--	--	--	--	--	--	--
10	Computer Programmer	Smt. Ritu Yadav		Official	9300-34800	4200	15651	11.03.11	Permanent	OBC/PH	9466517139	rituyadav.yadav122@gmail.com	
11	Accountant / Superintendent	Shri Dilip Kumar		Official	9300-34800	4200	19974	30.11.05	Permanent	Other	9253331868	dilipkumarvk@gmail.com	
12	Stenographer	Sh. Davender Kumar		Official	5200-20200	2400	12555	01.04.95	Permanent	OBC	9466885450	sendavender@gmail.com	

13	Driver	Vacant		Vacant	5200-20200	2000	--	--	--	--	--	--	--
14	Driver	Sh. Hariom		Driver	5200-20200	2000	12555	01.06.95	Permanent	OBC	8930565377	--	
15	Supporting staff	Sh. Narain		Supporting Staff	5200-20200	1800	10724	28.04.84	Permanent	OBC	8570852800	--	
16	Supporting staff	Sh. Tekchand		Supporting Staff	5200-20200	1800	10724	28.04.84	Permanent	Other	9991528553	--	

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	2.8
2.	Under Demonstration Units	2.0
3.	Under Crops	13.0
4.	Horticulture	3.0
5.	Pond	--
6.	Others if any	--
Total		20.8

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Year	Plinth area (Sq.m)	Expenditure (Rs.)	Starting year	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	--	496.4	--	--	--	--
2.	Farmers Hostel	-do-	--	321.2	--	--	--	--
3.	Staff Quarters (6)	-do-	--	318.0	--	--	--	--
4.	Demonstration Units (2)	--	--	--	--	--	--	--
5.	Fencing	--	--	--	--	--	--	--
6.	Rain Water harvesting system	--	--	--	--	--	--	--
7.	Threshing floor	--	--	--	--	--	--	--
8.	Farm godown	--	--	--	--	--	--	--
9.	Other	--	--	--	--	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Jeep	31.3.2006	4,98,741.00	151451	Good
Tractor	30.3.1998	2,85,000.00	12742	Condemned

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
AV aids			
LCD Projector	2007	89,836/-	Good
Camera	2016	25,000/-	Good
Colour T.V.	2001	22,000/-	Good
Microscope	2010	99,500/-	Good
Refrigerator	2010	40,000/-	Good
Office Equipment			
Computer Dell -5	2008	3,00,000/-	Good
Laptop	2007	30,680/-	Good
Photostat machine	2010	99,950/-	Good
Computer etc.(NATP)	2010	28,000/-	Good
Fax machine with printer	2010	12,590/-	Good
Auto clave Vertical	2010	60,000/-	Good
Bodinculator	2010	89,000/-	Good
Laminar Air flow	2010	64,000/-	Good
Micro oven	2010	5,300/-	Good
Head Operated Aonla pickle machine	2013	5,262/-	Good
Soil Testing kit	2015	75,000/-	Good
Water Cooler with RO	2016	50,000/-	Good
GPS 9645 with STI	2016	19,687/-	Good
Farm equipments			
Cultivator	1990	7,500/-	Good
Thresher	2001	50,000/-	Good
ZT machine	2012	47,500/-	Good

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

Sl. No.	Date
1. Scientific Advisory Committee Meeting	16.03.2017

2. DETAILS OF DISTRICT**2.1 Major farming systems/enterprises (based on the analysis made by the KVK)**

S. No	Farming system/enterprise
1	Agricultural + Animal Husbandry
2	Agricultural + Animal Husbandry + Horticulture
3	Bajra – wheat
4	Bajra – mustard
5	Cotton – wheat
6	Guar - wheat

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

a) Soil type

Sl. No.	Agro-climatic Zone	Characteristics
1	Western Zone (HR 2)	<p>Climate: The district falls under hot and semi-arid climatic zone with extremes of temperature (2.0°C-47°C) in months of December & January are of severe cold and the months of May & June are of bitter summer. Because of the touch of Rajasthan this district faces dusty storms in summer season.. Average rainfall was 300-500 mm.</p> <p>Soil Type: The Soil texture of the district varies from sandy to loamy sand. The district has around 90.00% soils under loamy-sand texture. Being coarse textured the soils are poor in water as well as in nutrient retention. In the district, 99% soils are low in organic carbon, whereas 50.8% soils are low in P, but 90 % soils are in medium to high category of K. The soils are also deficient in S and micro-nutrients Zn and Fe to the extent of 30, 70 and 10 % respectively.</p>

b) Topography

S. No.	Agro ecological situation	Characteristics
1	AES – I (Comprising Jatusana & nahar Block)	The soils are loamy-sand soil having restricted tube-well water irrigation pH ranging from 8-10 with poor quality of irrigation water. The soils are generally low in N, low to medium in P&K and low to medium in Zn & Fe etc. the main cropping systems are Bajra- wheat and bajra-mustard.
2	AES – II (Comprising Bawal, Khol and Rewari Block)	The soils are sandy to loamy sand having moderate tube-well irrigation. The soils are low in N, medium to high in P&K and low to high in Zn, Fe and S etc. The main cropping system is Bajra-wheat, Guar-Wheat and Guar-Mustard.

2.3 Soil Types

S. No	Soil type	Characteristics	Area in ha
1	Loamy sand	The soils are loamy-sand soil having restricted tube-well water irrigation pH ranging from 8-10 with poor quality of irrigation water. The soils are generally low in N, low to medium in P&K and low to medium in Zn & Fe etc. the main cropping systems are Bajra- wheat and bajra-mustard.	--
2	Sandy loam	The soils are sandy to loamy sand having moderate tube-well irrigation. The soils are low in N, medium to high in P&K and low to high in Zn, Fe and S etc. The main cropping system is Bajra-wheat, Guar-Wheat and Guar-Mustard.	--

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

S. No	Crop	Area (ha)	Production (MT)	Productivity (Qt./ha)
1	Wheat	48000	241000	50.25
2	Mustard	64000	144000	22.43
3	Barley	1000	5000	47.24
4	Paddy	2000	4000	20.93
5	Bajra	68000	149000	21.87
6	Cotton	5000	14000*	4.64

Source: District agriculture department. , Rewari (2016-17) * Bales (170 kg/bale)

2.5. Weather data (2016-17)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)	
		Maximum	Minimum	Maximum	Minimum
April	--	41.50	22.10	30.00	
May	19.85	41.33	24.45	54.25	
June	7.15	40.45	26.52	66.25	
July	65.60	32.85	25.92	87.25	
August	30.83	32.55	24.97	88.50	
September	32.08	35.42	23.37	85.40	
October	49.50	34.72	19.25	72.50	
November	--	30.55	10.70	77.80	
December	--	25.95	8.45	93.50	
January	88.50	20.74	9.03	89.30	
February	0.50	32.71	15.31	88.10	
March	0.50	30.72	15.36	65.20	
Total					

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	36674	--	--
<i>Indigenous</i>	46522	--	--
Buffalo	237615	--	--
Sheep	9698	--	--
Goats	23237	--	--
Pigs	4469		
<i>Crossbred</i>	1781	--	--
<i>Indigenous</i>	2688	--	--
Rabbits	26	--	--
Poultry			
Hens	1654	--	--
<i>Desi</i>	1099	--	--
Category		Production (Q.)	Productivity
Fish (Reservoir)	514.8 ha	3385 tonns	6.57 tonns/ha

*Statistical report of Haryana (2015-16)

2.7 Details of Operational area / Villages

Taluka	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
	Khol	Mandola, Nimoth, Manethi, Dhawana, Khaleta	Bajra, guar, mustard, wheat, dairying, ber, citrus, marigold, bottle guard, okra, brinjal	<ul style="list-style-type: none"> • Heavy incidence of weeds in bajra & guar • Improper seed treatment & BLB in guar • No use of P in bajra & guar • Improper selection of hybrids • Stem rot incidence in mustard • Use of high dose of P & no use of S in mustard • Improper seed treatment, termite infestation during maturity in wheat • Fruit fly infestation in vegetable crops • Sodic soil and water condition • Marketing problem of marigold 	<ul style="list-style-type: none"> • Integrated weed management • Balanced use of fertilizer • Seed treatment • Application of micro-nutrients • Insect pest management • Use of high yielding varieties
	Rewari	Khijuri, Rasgan, Dungarwas	Bajra, guar, mustard, wheat, dairying, ber, okra, bottle guard	<ul style="list-style-type: none"> ❖ No use of P & weeds infestation in bajra ❖ Improper seed treatment & BLB incidence in guar ❖ Unbalanced use of fertilizers in wheat & mustard ❖ Improper seed treatment & less use of bio-fertilizers in wheat ❖ Use of non-descriptive varieties of vegetable crops ❖ Fruit fly attack on Bottle guard ❖ Lack of green fodder & use of unbalanced diet for milch animals ❖ Sodic soil and water condition 	<ul style="list-style-type: none"> • Application of balanced fertilizer • Use of high yielding varieties • Insect pest management • Seed treatment • Integrated nutrient management

2.8 Priority thrust areas

Crop/Enterprise	Thrust area
Mustard	<ul style="list-style-type: none"> • Integrated pest management (IPM) • Integrated Nutrient Management (INM) • Weed management
Wheat	<ul style="list-style-type: none"> • Seed treatment • Weed management • High yielding varieties
Bajra	<ul style="list-style-type: none"> • Integrated Nutrient Management (INM) • Gap filling • Weed management
Guar	<ul style="list-style-type: none"> • Integrated disease management (IDM) • Weed management
Cotton	<ul style="list-style-type: none"> • High yielding varieties • Integrated disease management (IDM)
Cucurbits	<ul style="list-style-type: none"> • High yielding varieties • Seedling raising and early cultivation • Poly tunnel cultivation • Integrated pest management (IPM)
Onion	<ul style="list-style-type: none"> • High yielding varieties • Nursery raising and transplanting • Onion thrips and purple blotch management
Brinjal	<ul style="list-style-type: none"> • High yielding varieties • Nursery raising and transplanting • Integrated disease management (IDM) • Fruit and shoot borer management
Tomato	<ul style="list-style-type: none"> • High yielding varieties • Integrated Nutrient Management (INM) • Integrated disease management (IDM)
Okra	<ul style="list-style-type: none"> • Mosaic resistant high yielding varieties • Sowing time and method • Fruit borer management
Ber	<ul style="list-style-type: none"> • Powdery mildew management • Fruit fly management
Aonla	<ul style="list-style-type: none"> • Integrated Nutrient Management (INM) • Value addition
Guava	<ul style="list-style-type: none"> • Integrated Nutrient Management (INM) • Fruit fly management
Citrus fruits	<ul style="list-style-type: none"> • Integrated Nutrient Management (INM) • Fruit drops and splitting management • Integrated disease management (IDM)
Marigold	<ul style="list-style-type: none"> • High yielding varieties • Nursery raising and transplanting • Seed production
Livestock	<ul style="list-style-type: none"> • Dairy farming • Goat farming
Agricultural Engineering	<ul style="list-style-type: none"> • Recourse conservation technology • Post harvest technology • Drip and sprinkler irrigation system
Agricultural Extension	<ul style="list-style-type: none"> • Formation of SHG and farmers' club • Capacity building • ICT and its application • Farmers' producer organization
Women empowerment	<ul style="list-style-type: none"> • Tailoring and stitching • Preservation of fruits and vegetables • Value addition in aonla

3. TECHNICAL PROGRAMME

3. A. Details of targeted mandatory activities by KVK

OFT		FLD	
(1)		(2)	
Number of OFTs	Number of Farmers	Area (ha)	Number of Farmers
14	71	205	527
Training		Extension Activities	
(3)		(4)	
Number of Courses	Number of Participants	Number of activities	Number of participants
149	2905	34	3650
Seed Production (Qtl.)	Planting material (Nos.)	Fish seed prod. (Nos)	Soil Samples
(5)	(6)	(7)	(8)
--	--	--	600

3. B. Abstract of interventions to be undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					Supply of seeds, planting materials etc.
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	
1									
2									
3									

3.1 Technologies to be assessed and refined

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tube r Crops	TOTAL
Varietal Evaluation	Wheat	--	--	--	Tomato, Okra	--	--	--	--	03
Seed / Plant production	--	--	--	--	--	--	--	--	--	--
Weed Management		Mustard			Pea					02
Integrated Crop Management						Kinnow	Marigold			02
Integrated Nutrient Management	Wheat, Bajra, Sorghum	Mustard	--	--	--	Ber	--	--	--	05
Integrated Farming System	--	--	--	--	--	--	--	--	--	--
Mushroom cultivation	--	--	--	--	--	--	--	--	--	--
Drudgery reduction	--	--	--	--	--	--	--	--	--	--
Farm machineries	Wheat	--	--	--	--	--	--	--	--	01
Value addition	--	--	--	--	--	--	--	--	--	--
Integrated Pest Management	--	--	--	--	--	--	--	--	--	--
Integrated Disease Management	--	Mustard	--	--	--	--	--	--	--	01
Resource conservation technology	--	--	--	--	--	--	--	--	--	--
Small Scale income generating enterprises	--	--	--	--	--	--	--	--	--	--
TOTAL	05	03	--	--	03	02	01	--	--	14

B. Details of On Farm Trial

OFT- 1: Performance of different varieties of wheat.

No. of Trials – 06

Treatment – T₁. HD-2967 (FP)
T₂. HD-386 (IARI)
T₃. WH-1142 (CCSHAU)

Area – 0.4 ha. each trial

Observations to be recorded-

1. No. of tillers
2. Grains per spike
3. Yield
4. B: C: Ratio

OFT- 2: Chemical weed management in mustard.

No. of Trials – 05

Treatment – T₁. No Weedicide (FP)
T₂. Pendimethalin 2500 ml/ha. (CCSHAU)

Area – 0.4 ha. each trial

Observations to be recorded-

1. Weed incidence
2. Yield
3. B: C Ratio

OFT- 3: Effect of micro-nutrient on growth and yield of wheat.

No. of Trials – 05

Treatment – T₁. Control (FP)
T₂. 25 kg ZnSO₄/ha as basal dose and Foliar application of 0.5% FeSO₄ (CCSHAU)

Area – 0.4 ha each trial

Observations to be recorded-

1. Length of ears
2. Available nutrient (NPK)
3. Yield (Grain & straw)
4. B: C: Ratio

OFT- 4: Response of potash application on yield of mustard.

No. of Trials – 05

Treatment – T₁. Control (FP)
T₂. 20 kg K₂O/ha (CCSHAU)

Area – 0.4 ha each trial

Observations to be recorded-

1. No. of pods/plant
2. Seed weight (gm/1000 seed)
3. Yield
4. B: C: Ratio

OFT- 5: Response of nutrient management on growth and yield of pearl millet.

No. of Trials – 05

Treatment – T₁. FP (23:10)
T₂. NPK recommended (50:25:12) - CCSHAU

Area – 0.4 ha each trial.

Observations to be recorded-

1. Length of ear head
2. Available nutrient (NPK)
3. Yield (Grain & straw)
4. B: C: Ratio

OFT- 6: Effect of ferrous sulphate on growth and fodder yield of sorghum.

No. of Trials – 05

Treatment – T₁. Control (FP)
T₂. Foliar application of FeSo₄ @ 0.15% at 35-40 DAS. (CCSHAU)

Area – 0.4 ha each trial.

Observations to be recorded-

1. Iron deficiency incidence
2. Available nutrient (NPK)
3. Yield (Fodder)
4. B: C: Ratio

OFT- 7: Management of collar rot disease in mustard

No. of Trials – 05

Treatment – T₁. Control (FP)
T₂. Seed treatment with bavistin @ 2 g/kg seed + 2 spray of bavistin @ 2 g/ltr water at 40-45 & 60-65 DAS (CCSHAU)

Area – 0.4 ha each trial.

Observations to be recorded-

1. Disease incidence
2. Yield
3. B: C: Ratio

OFT- 8: Assessment of tillage practices on wheat yield.

No. of Trials – 05

Treatment – T₁. Land preparation by Harrow + Cultivator (F.P)
T₂. Land preparation by M.B. Plough + Rotavator (CCSHAU)

Area – 0.4 ha. each trial.

Observations to be recorded-

1. Depth of cut (cm)
2. Number of tillers/plant
3. Yield
4. B: C ratio

OFT- 9: Effect of irrigation method on kinnow yield.

No. of Trials – 05

Treatment – T₁. Flood/Row irrigation method (F.P)

T₂. Drip irrigation method (CCSHAU).

Area – 0.4 ha. each trial.

Observations to be recorded-

1. Water saving (%)
2. Number of weeds around plant
3. Yield
4. B: C ratio

OFT- 10: Weed management in pea.

No. of Trials – 05

Treatment – T₁. Hand weeding (F.P)

T₂. Twine Hand wheel hoe (two times, after 1st & 2nd irrigation) - CCSHAU

Area – 0.4 ha. each trial.

Observations to be recorded-

1. Number of pods/plant
2. Number of grains/pod
3. Number of weeds/square meter
4. Yield
5. B: C ratio

OFT- 11: Performance of different sowing dates of French marigold Var. Pusa Arpita in winter season.

No. of Trials – 05

Treatment – T₁. Sowing in last fortnight of August (FP)

T₂. Sowing in last fortnight of September (CCSHAU)

Area – 0.3 ha (0.1 ha. In each treatment).

Observations to be recorded-

1. Duration of picking
2. Yield
3. B: C ratio

OFT- 12: Management of pre-mature fruit drop in ber orchard.

No. of Trials – 05

Treatment – T₁. Control (FP)

T₂. Two spray of urea (1.5%) and ZnSo₄ (0.5%) in the month of July & November in 500 lt of water per acre.

Area – 0.4 ha (0.2 ha. In each treatment).

Observations to be recorded-

1. Number of fruit drop/plant
2. Yield
3. B: C ratio

OFT- 13: Response of different hybrids of tomato against nematodes.

No. of Trials – 05

Treatment – T₁. Pusa hybrid - 2 (FP)

T₂. Pusa hybrid – 4 (IARI)

Area – 0.3 ha (0.1 ha. In each treatment).

Observations to be recorded-

1. Nematode incidence
2. Yield
3. B: C ratio

OFT- 14: Evaluation of different hybrids of Okra against yellow vein mosaic virus.

No. of Trials – 05

Treatment – T₁. Mahyco-10 (FP)

T₂. Arka Abhay (IIHR)

Area – 0.3 ha (0.1 ha. In each treatment).

Observations to be recorded-

1. YVMV incidence
2. Yield (t/ha)
3. B: C ratio

3.2 Frontline Demonstrations

A. Details of FLDs to be organized –

Sl. No.	Crop	Variety	Thematic area	Technology for demonstration	Critical inputs	Season & year	Area (ha)	No. of farmer/ demo	Parameters identified
1.	Cotton	Rashi-602	ICM	Nutrient Management, Mechanical weed management, Pest management	Seed, Insecticide, Pesticide, Balanced fertilizer	Kharif, 2018	10	25	Weed infestation, Yield, B: C ratio
2.	Bajra	HHB-226	ICM	Varietal, Nutrient Management, Weed Management	Seed, NPK, Zinc, Atrazin	Kharif, 2018	16	40	No. of tillers, Weed infestation, yield, B: C ratio
3.	Guar	HG-2-20	ICM	Seed treatment, Mechanical Weed management, Disease management, Potash application	Seed, Streptocyclin, COC, MOP	Kharif, 2018	08	20	Disease incidence, Weed infestation, yield, B: C ratio
4.	Sorghum (Fodder)	H. Chari-308	ICM	Nutrient management	Seed, Fertilizer	Kharif, 2018	04	10	Yield, B: C ratio
5.	Summer moong	MH-421	ICM	Varietal, Seed treatment, Nutrient management	Seed, Rhizobium, Fertilizer	Kharif, 2018	08	20	Yield, B: C ratio
6.	Marigold	P. Narangi	ICM	Nursery management, Pinching, Disease management	Seed, Dithane M-45	Kharif, 2018	04	10	Yield, B: C ratio
7.	Sesame	RT-351	ICM	Varietal, Seed treatment, Nutrient management, Pest management	Seed, Thiram, Compost, Insecticide	Kharif, 2018	10	25	No. of pods/plant, Yield, B: C ratio
8.	Mustard	RH-0749, DRMRIJ-31	ICM	Seed treatment, Varietal, Nutrient Management, Disease management, Mechanical weed management	Seed, Fertilizer, Bavistin, Compost	Rabi, 2018-19	60	150	Disease incidence, Weed infestation, Yield, B: C ratio
9.	Wheat	HD-2967	ICM	Bio fertilizer, Termite management, Weed management, Nutrient Management	Seed, Chloropyriphos, Bio fertilizer, Fertilizer	Rabi, 2018-19	40	100	No. tillers, Yield, B: C ratio
			Farm machinery	RCT	ZT machine	Rabi, 2018-19	06	15	Yield, B: C ratio
10.	Gram	KC-1	ICM	Seed treatment, Weed management, Pest management, Potash application	Seed, Bio fertilizer, MOP, Insecticide	Rabi, 2018-19	20	50	Yield, B: C ratio
11.	Barley	BH-946	ICM	Full package	Seed, Fertilizer	Rabi, 2018-19	05	12	Yield, B: C ratio
12.	Oat (fodder)	Kent	ICM	Full package	Seed, Fertilizer	Rabi, 2018-19	04	10	Yield, B: C ratio
13.	Onion	Pusa Ridhi	ICM	Varietal, Disease management, Weed management, Pest management	Seed, Fungicide, Weedicide, Insecticide	Rabi, 2018-19	04	20	Yield, B: C ratio
14.	Carrot	Pusa Vrishti	ICM	Varietal, Sowing time, Nutrient management	Seed, Balanced fertilizer	Rabi, 2018-19	02	10	Yield, B: C ratio
15.	Kinnow	Methi, (PEB)	ICM	Inter cropping in orchard, Pest management	Seed, Fungicide, Insecticide	Rabi, 2018-19	04	10	Yield, B: C ratio
Total							205	527	

Sponsored Demonstration

Crop	Area (ha)	No. of farmers
--	--	--

B. Extension and Training activities under FLDs

S. No.	Activity	No. of activities	Month	Number of participants
1	Field days	10	Kharif 2018 & Rabi 2018-19	500
2	Farmers Training	12	--	240
3	Media coverage	16	2018-19	Mass
4	Training for extension functionaries	03	Sept., & October	60

C. Details of FLD on Enterprises

(i) Farm Implements

Name of the implement	Crop	Season and year	No. of farmers	Area (ha)	Critical inputs	Performance parameters / indicators
ZT Machine	Wheat	2018-19	15	06	ZT machine for sowing	Yield, B: C ratio
--	--	--	--	--	--	--

(ii) Livestock Enterprises

Enterprise	Breed	No. of farmers	No. of animals, poultry birds/ha. etc.	Critical inputs	Performance parameters / indicators
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--

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	01	15	0	15	05	0	05	20
Post Harvest Technology								
Tailoring and Stitching	01	0	10	10	0	05	05	15
Rural Crafts								
TOTAL	05	60	10	70	20	05	25	95
(C) Extension Personnel								
Productivity enhancement in field crops	02	40	0	40	10	0	10	50
Integrated Pest Management	--	--	--	--	--	--	--	--
Integrated Nutrient management	01	15	0	15	05	0	05	20
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	03	55	0	55	15	0	15	70
G. Total	32	445	30	475	145	15	160	635

B) OFF Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	03	45	0	45	15	0	15	60
Resource Conservation Technologies	--	--	--	--	--	--	--	--
Cropping Systems	--	--	--	--	--	--	--	--
Crop Diversification	--	--	--	--	--	--	--	--
Integrated Farming	--	--	--	--	--	--	--	--
Water management	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--
Integrated Crop Management	11	165	0	165	55	0	55	220
Fodder production	04	60	0	60	20	0	20	80
Production of organic inputs	--	--	--	--	--	--	--	--
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	06	90	0	90	30	0	30	120
Off-season vegetables	02	30	0	30	10	0	10	40
Nursery raising	02	30	0	30	10	0	10	40
Exotic vegetables like Broccoli	--	--	--	--	--	--	--	--
Export potential vegetables	01	15	0	15	05	0	05	20
Grading and standardization	--	--	--	--	--	--	--	--
Protective cultivation (Green Houses, Shade Net etc.)	01	15	0	15	05	0	05	20
b) Fruits								
Training and Pruning	01	15	0	15	05	0	05	20
Layout and Management of Orchards	01	15	0	15	05	0	05	20
Cultivation of Fruit								
Management of young plants/orchards	05	75	0	75	25	0	25	100
Rejuvenation of old orchards	--	--	--	--	--	--	--	--
Export potential fruits	--	--	--	--	--	--	--	--
Micro irrigation systems of orchards	--	--	--	--	--	--	--	--
Plant propagation techniques	--	--	--	--	--	--	--	--
c) Ornamental Plants								
Nursery Management	01	15	0	15	05	0	05	20
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	01	15	0	15	05	0	05	20
Processing and value addition	--	--	--	--	--	--	--	--
f) Spices								
Production and Management technology	03	45	0	45	15	0	15	60

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	01	15	0	15	05	0	05	20
Group dynamics	05	75	0	75	25	0	25	100
Formation and Management of SHGs(HS)	02	30	0	30	10	0	10	40
Mobilization of social capital	--	--	--	--	--	--	--	--
Entrepreneurial development of farmers/youths (Agro.)	--	--	--	--	--	--	--	--
WTO and IPR issues	--	--	--	--	--	--	--	--
XI Agro-forestry								
Production technologies	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--
Integrated Farming Systems (Agro)	--	--	--	--	--	--	--	--
XII Others (Pl. Specify)								
TOTAL	117	1515	170	1685	505	80	585	2270

C) Consolidated table (ON and OFF Campus)

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women								
I Crop Production								
Weed Management	03	45	0	45	15	0	15	60
Resource Conservation Technologies	--	--	--	--	--	--	--	--
Cropping Systems	--	--	--	--	--	--	--	--
Crop Diversification	--	--	--	--	--	--	--	--
Integrated Farming	--	--	--	--	--	--	--	--
Water management	--	--	--	--	--	--	--	--
Seed production	01	15	0	15	05	0	05	20
Nursery management	--	--	--	--	--	--	--	--
Integrated Crop Management	17	255	0	255	85	0	85	340
Fodder production	06	90	0	90	30	0	30	120
Production of organic inputs	--	--	--	--	--	--	--	--
II Horticulture								
a) Vegetable Crops								
Production of low volume and high value crops	08	120	0	120	40	0	40	160
Off-season vegetables	02	30	0	30	10	0	10	40
Nursery raising	02	30	0	30	10	0	10	40
Exotic vegetables like Broccoli	--	--	--	--	--	--	--	--
Export potential vegetables	01	15	0	15	05	0	05	20
Grading and standardization	--	--	--	--	--	--	--	--
Protective cultivation (Green Houses, Shade Net etc.)	01	15	0	15	05	0	05	20
b) Fruits								
Training and Pruning	01	15	0	15	05	0	05	20
Layout and Management of Orchards	01	15	0	15	05	0	05	20
Cultivation of Fruit	--	--	--	--	--	--	--	--
Management of young plants/orchards	05	75	0	75	25	0	25	100
Rejuvenation of old orchards	--	--	--	--	--	--	--	--
Export potential fruits	--	--	--	--	--	--	--	--
Micro irrigation systems of orchards	--	--	--	--	--	--	--	--
Plant propagation techniques	01	15	0	15	05	0	05	20
c) Ornamental Plants								
Nursery Management	02	30	0	30	10	0	10	40
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	01	15	0	15	05	0	05	20
Processing and value addition	--	--	--	--	--	--	--	--
f) Spices								
Production and Management technology	04	60	0	60	20	0	20	80
Processing and value addition	--	--	--	--	--	--	--	--
g) Medicinal and Aromatic Plants								

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	01	15	0	15	05	0	05	20
Group dynamics	05	75	0	75	25	0	25	100
Formation and Management of SHGs	02	30	0	30	10	0	10	40
Mobilization of social capital	--	--	--	--	--	--	--	--
Entrepreneurial development of farmers/youths	--	--	--	--	--	--	--	--
WTO and IPR issues	--	--	--	--	--	--	--	--
XI Agro-forestry								
Production technologies	--	--	--	--	--	--	--	--
Nursery management	--	--	--	--	--	--	--	--
Integrated Farming Systems	--	--	--	--	--	--	--	--
Sponsored training	--	--	--	--	--	--	--	--
TOTAL	141	1845	185	2030	615	90	705	2740
(B) RURAL YOUTH								
Mushroom Production	01	15	0	15	05	0	05	20
Bee-keeping	--	--	--	--	--	--	--	--
Integrated farming	--	--	--	--	--	--	--	--
Seed production	--	--	--	--	--	--	--	--
Production of organic inputs	--	--	--	--	--	--	--	--
Integrated Farming	--	--	--	--	--	--	--	--
Planting material production	--	--	--	--	--	--	--	--
Vermi-culture	--	--	--	--	--	--	--	--
Sericulture	--	--	--	--	--	--	--	--
Protected cultivation of vegetable crops	--	--	--	--	--	--	--	--
Commercial fruit production	--	--	--	--	--	--	--	--
Repair and maintenance of farm machinery and implements	01	15	0	15	05	0	05	20
Nursery Management of Horticulture crops	01	15	0	15	05	0	05	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	01	15	0	15	05	0	05	20
Post Harvest Technology	--	--	--	--	--	--	--	--
Tailoring and Stitching	01	0	10	10	0	05	05	15
Rural Crafts	--	--	--	--	--	--	--	--
TOTAL	05	60	10	70	20	05	25	95
(C) Extension Personnel								
Productivity enhancement in field crops	02	40	0	40	10	0	10	50
Integrated Pest Management	--	--	--	--	--	--	--	--
Integrated Nutrient management	01	15	0	15	05	0	05	20
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	03	55	0	55	15	0	15	70
G. TOTAL	149	1960	200	2160	650	95	745	2905

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

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	10	430	70	500	20	04	24	450	74	524
Kisan Mela	01	450	50	500	08	02	10	458	52	510
Kisan Ghosthi	04	120	10	130	04	00	04	124	10	134
Exhibition	03	500	50	550	10	05	15	560	55	615
Film Show	03	500	50	550	10	05	15	560	55	615
Farmers Seminar	--	--	--	--	--	--	--	--	--	--
Workshop	--	--	--	--	--	--	--	--	--	--
Group meetings	--	--	--	--	--	--	--	--	--	--
Lectures delivered as resource persons	45	--	--	--	--	--	--	--	--	--
Newspaper coverage	60	--	--	--	--	--	--	--	--	--
Radio talks	--	--	--	--	--	--	--	--	--	--
TV talks	02	--	--	--	--	--	--	--	--	--
Popular articles	15	--	--	--	--	--	--	--	--	--
Extension Literature	12	--	--	--	--	--	--	--	--	--
Advisory Services										
Scientific visit to farmers field	100	--	--	--	--	--	--	--	--	--
Farmers visit to KVK	60	--	--	--	--	--	--	--	--	--
Diagnostic visits		--	--	--	--	--	--	--	--	--
Exposure visits		--	--	--	--	--	--	--	--	--
Ex-trainees Sammelan	01	50	20	70	02	02	04	52	22	74
Soil health Camp	01	30	0	30	02	0	02	32	0	32
Animal Health Camp	--	--	--	--	--	--	--	--	--	--
Agri mobile clinic	--	--	--	--	--	--	--	--	--	--
Soil test campaigns	01	30	0	30	02	0	02	32	0	32
Farm Science Club Conveners meet	01	--	--	--	--	--	--	--	--	--
Self Help Group Conveners meetings	01	0	40	40	0	02	02	0	42	42
Mahila Mandals Conveners meetings	--	--	--	--	--	--	--	--	--	--
Celebration of important days	01	0	50	50	0	02	02	0	52	52
Mahila Kisan Diwas										
Krishi Mohostva	01	30	0	30	02	0	02	32	0	32
Krishi Rath	--	--	--	--	--	--	--	--	--	--
Pre Kharif workshop	01	250	0	250	05	0	05	255	0	255
Pre Rabi workshop	01	250	0	250	05	0	05	255	0	255
PPVFRA workshop	01	100	0	100	05	0	05	255	0	255
Any Other (Specify)	--	--	--	--	--	--	--	--	--	--
Swachhata pakhwara	01	50	20	70	02	02	04	52	22	74
Parthenium eradication week	01	50	20	70	02	02	04	52	22	74
Awareness campaign against residue burning	01	50	20	70	02	02	04	52	22	74
Total		2891	400	3291	81	28	109	3222	428	3650

3.5 Target for Production and supply of Technological products
SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
CEREALS	--	--	--
	--	--	--
	--	--	--
OILSEEDS	--	--	--
	--	--	--
	--	--	--
PULSES	--	--	--
	--	--	--
	--	--	--
	--	--	--
VEGETABLES	--	--	--
OTHERS (Specify)	--	--	--
	--	--	--
	--	--	--
	--	--	--

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS	--	--	--
	--	--	--
	--	--	--
	--	--	--
SPICES	--	--	--
	--	--	--
VEGETABLES	--	--	--
	--	--	--
	--	--	--
	--	--	--
FOREST SPECIES	--	--	--
	--	--	--
ORNAMENTAL CROPS	--	--	--
		Total	--

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 : 1984
 Number of copies to be published : 250

(B) Literature developed/published

S.No.	Topic	Number
1	Research paper each scientist	01
2	Technical reports	APR, QPR, MPR & other reports = 30
3	News letters	04
4	Training manual all discipline	--
5	Popular article	12-15 every year
6	Extension literature	15
	Total	50

(C) Details of Electronic Media to be Produced

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

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

1. Protected cultivation
2. Mushroom production
3. Vermicomposting
 - a. Brief introduction
 - b. Interventions
 - c. Output
 - d. Outcomes
 - e. Impact
 - i) Social economic
 - ii) Bio-Physical
 - f. Good Action Photographs

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

Farmers training:

- a) Personal contact, Need based
- b) Seasonal crop basis
- c) Group discussion with **Sarpanch & Farm families**
- d) Formation of Kisan Clubs/SHGs

Rural Youth:

To generate self-employment through small enterprises & skill based training programmes; various vocational training programmes in different disciplines are identified.

In-service personnel

Discussion with different line departments in the area during SAC meetings need for in-service training is identified, planned and organized accordingly to satisfy desired needs.

- a) Orientation trainings for ADOs & on the basis of farmer's need.
- b) On the basis of farmer's need of particular block of the district.

3.9 Indicate the methodology for identifying OFTs/FLDs

For OFT :

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

For FLD :

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

3.10 Field activities

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

3.11. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab:

1. **Year of establishment** : 2005

2. List of equipments purchase with amount

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

3. Targets of samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Amount to be realized
Soil Samples	650	200	50	
Water	200	200	50	
Plant				
Total	850	400	100	

4.0 LINKAGES

4.1 Functional linkage with different organizations

Sl. No.	Name of organization	Nature of Linkage
1.	ICAR – ATARI, Zone – II, Jodhpur	Grant-in Aids, Lab, CFLDs (Oilseed & pulses), skill based training programmes & other extension activities
2.	ICAR – IIWBR, & ICAR – CCSRI, Karnal	Exposure visits, improved seed for demonstrations & OFTs
3.	CCS HAU, Hisar, RRS, Bawal	Foundation & breeder seeds for multiplication & demonstration, technical know-how, exposure visits OFT etc
4.	District Agri. Department	Conducting training & participation in other extension programmes
5.	Regional Research Station, Bawal	Technical guidance, training & other Extension activities
6.	District Horticulture Department	Training programmes
7.	District Forest Department	Planting material & plantation
8.	District A.H. Department	Organizing clinical camps
9.	KRIBHCO	Input supply & extension
10.	NABARD	Formation and management of SHG, farmers' club
11.	IFFCO	Input supply & extension
12.	District Rural Development Agency	Conducting training programme
13.	Rewari cooperative marketing society	Input supply
14.	Nehru Yuva Kendra	Training programme
15.	District Fisheries Department	Training & extension
16.	District Civil Hospital	Nutrition & vaccination

4.2 Details of linkage with ATMA

a) Is ATMA implemented in your district **Yes**

S. No.	Programme	Nature of linkage
1	Farmers Training	Member of Governing Board, Involved in organizing training, and other extension activities
2	--	--

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:

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

- Full package demonstration may be provided in all major crops
- Provision of To and Fro charges for trainees

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

Training Programme

i) Farmers & Farm women (On Campus)

Date	Clientele	Title of the training programme	Duration in days	Number of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
April,2018	PF	Production technology of summer moong	04	15	0	15	05	0	05	20
May, 2018	PF	Production technology of kharif fodder crop	04	15	0	15	05	0	05	20
June,2018	PF	Production technology of bajra, Guar & Arhar	04	15	0	15	05	0	05	20
July, 2018	PF	Production technology of Til	04	15	0	15	05	0	05	20
Sept., 2018	PF	Production technology of rabi fodder crop	04	15	0	15	05	0	05	20
Sept., 2018	PF	Production technology of gram	04	15	0	15	05	0	05	20
Oct., 2018	PF	Production technology of Mustard	04	15	0	15	05	0	05	20
Oct., 2018	PF	Production technology of Wheat	04	15	0	15	05	0	05	20
Nov., 2018	PF	Improved technology of seed production	04	15	0	15	05	0	05	20
Horticulture										
June, 2018	PF	Production technology of marigold	04	15	0	15	05	0	05	20
Aug., 2018	PF	Plant propagation techniques	04	15	0	15	05	0	05	20
Aug., 2018	PF	Production technology of carrot	04	15	0	15	05	0	05	20
Oct., 2018	PF	Production technology of onion	04	15	0	15	05	0	05	20
Nov. 2018	PF	Production technology of methi	04	15	0	15	05	0	05	20
Livestock prod.										
	PF/FW									
	PF									
Agril. Engg.										
June, 2018	PF	Installation, care & maintenance of drip and sprinkler systems	04	15	0	15	05	0	05	20
Sept., 2018	PF	Servicing & maintenance of tractor & farm machinery	04	15	0	15	05	0	05	20
Jan., 2019	PF	Small scale processing technology of agriculture materials.	04	15	0	15	05	0	05	20
Home Sc.										
Oct., 2018	PF	Stain removal & Tie and dye technique in clothes	05	0	10	10	0	05	05	15
Feb, 2019	PF	Value addition of fruit & vegetable	05	0	10	10	0	05	05	15
Plan protection										
July, 2018	PF	Integrated disease pest management in kharif crops	04	0	15	15	0	05	05	20
Oct., 2018	PF	Integrated pest management in rabi crops	04	0	15	15	0	05	05	20
Fisheries										
	PF									
Soil Health										
May, 2018	PF	Scientific method for management of problematic soil & water	04	15	0	15	05	0	05	20
June, 2018	PF	Vermi compost production technology	04	15	0	15	05	0	05	20
Oct., 2018	PF	Integrated Nutrient Management in rabi crops	04	15	0	15	05	0	05	20

i) Farmers & Farm women (Off Campus)

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
Crop Production										
April,2018	PF	Production techniques to increase yield of summer moong (02)	01	30	0	30	10	0	10	40
May, 2018	PF	Package & practices of kharif fodder crop (02)	01	30	0	30	10	0	10	40
June, 2018	PF	Weed management of kharif crop	01	15	0	15	05	0	05	20
June, 2018	PF	Production technique to enhance yield of Bajra & Guar	01	15	0	15	05	0	05	20
July, 2018	PF	Production technique to enhance yield of Bajra & Guar	01	15	0	15	05	0	05	20
Aug., 2018	PF	Different production technique of Rabi fodder crop	01	15	0	15	05	0	05	20
Sept., 2018	PF	Different production technique of Rabi fodder crop	01	15	0	15	05	0	05	20
Sept., 2018	PF	Different production techniques to enhance yield of mustard	01	15	0	15	05	0	05	20
Sept., 2018	PF	Weed management of Rabi crops	01	15	0	15	05	0	05	20
Oct., 2018	PF	Different production techniques to enhance yield of mustard (02)	01	30	0	30	10	0	10	40
Oct., 2018	PF	Package & practices of gram	01	15	0	15	05	0	05	20
Nov., 2018	PF	Different production techniques of wheat & barley (02)	01	30	0	30	10	0	10	40
Nov., 2018	PF	Weed management of Rabi crops	01	15	0	15	05	0	05	20
March, 2019	PF	Different production techniques of summer moong	01	15	0	15	05	0	05	20
Horticulture										
April, 2018	PF	Plant protection measures in cucurbits	01	15	0	15	05	0	05	20
April, 2018	PF	Orchard management in summer season	01	15	0	15	05	0	05	20
May, 2018	PF	Healthy nursery raising & cultivation of solanaceous vegetable i.e. tomato, brinjal & chilli.	01	15	0	15	05	0	05	20
May, 2018	PF	Training, pruning and manuring schedule for ber orchard	01	15	0	15	05	0	05	20
June, 2018	PF	Nursery raising and cultivation of marigold	01	15	0	15	05	0	05	20
June, 2018	PF	Nursery management of vegetables.	01	15	0	15	05	0	05	20
July, 2018	PF	Scientific technology for orchard establishment and plants availability	01	15	0	15	05	0	05	20
July, 2018	PF	Scientific nursery raising of Cole crops & production technology like cauliflower, cabbage etc.	01	15	0	15	05	0	05	20
Aug., 2018	PF	Package & practices of kharif onion	01	15	0	15	05	0	05	20
Aug., 2018	PF	Management of ber orchard in rainy season	01	15	0	15	05	0	05	20
Sept., 2018	PF	Early cultivation of potato for better market value	01	15	0	15	05	0	05	20
Sept., 2018	PF	Early cultivation of pea for vegetable purpose	01	15	0	15	05	0	05	20
Oct., 2018	PF	Plant protection measures in ber orchard	01	15	0	15	05	0	05	20
Oct., 2018	PF	Scientific nursery raising and cultivation of rabi onion	01	15	0	15	05	0	05	20
Nov., 2018	PF	Package & practices of spices crops i.e. fennel, fenugreek & coriander	01	15	0	15	05	0	05	20
Nov., 2018	PF	Nursery raising of capsicum and its cultivation	01	15	0	15	05	0	05	20
Dec., 2018	PF	Protective cultivation of cucurbits in poly- low tunnel	01	15	0	15	05	0	05	20
Dec., 2018	PF	Management of mushroom units	01	15	0	15	05	0	05	20
Jan., 2019	PF	Early cultivation of okra for better market value	01	15	0	15	05	0	05	20
Jan., 2019	PF	Management of vegetable crops in poly houses	01	15	0	15	05	0	05	20
Feb., 2019	PF	Management of pre harvest fruit drop in citrus orchard	01	15	0	15	05	0	05	20
Feb., 2019	PF	Plant protection measures in cucurbitaceous vegetable	01	15	0	15	05	0	05	20

March, 2019	PF	Management of summer vegetable	01	15	0	15	05	0	05	20
March, 2019	PF	Orchard management in spring season	01	15	0	15	05	0	05	20
Live Stock Production.										
	PF									
Agril. Engg.										
April, 2018	PF	Economic significance of laser land leveller	01	15	0	15	05	0	05	20
April, 2018	PF	Positive effect of Deep ploughing of land	01	15	0	15	05	0	05	20
May, 2018	PF	Use, care & maintenance of drip/irrigation system under horticultural crops	01	15	0	15	05	0	05	20
May, 2018	PF	Scientific methods of food grain storage structures.	01	15	0	15	05	0	05	20
June, 2018	PF	Use, care, repair & servicing of tractor & farm machineries	01	15	0	15	05	0	05	20
June, 2018	PF	Scientific use of renewable sources of energy	01	15	0	15	05	0	05	20
July, 2018	PF	Improved methods of rainwater harvesting structures	01	15	0	15	05	0	05	20
July, 2018	PF	Different sowing methods of bajra, Guar, Moong	01	15	0	15	05	0	05	20
Aug., 2018	PF	Mechanical weed control under kharif crop	01	15	0	15	05	0	05	20
Aug., 2018	PF	Use, care & maintenance of thresher	01	15	0	15	05	0	05	20
Sept., 2018	PF	Calibration of seed-cum-fertilizer drill	01	15	0	15	05	0	05	20
Sept., 2018	PF	Use, care & maintenance of sprinkler irrigation systems.	01	15	0	15	05	0	05	20
Oct., 2018	PF	Tractor repair & maintenance	01	15	0	15	05	0	05	20
Oct., 2018	PF	Different sowing methods of rabi crops	01	15	0	15	05	0	05	20
Nov., 2018	PF	Use, care & maintenance of Z.T. Drill	01	15	0	15	05	0	05	20
Nov., 2018	PF	Benefits of bio gas plant & solar energy	01	15	0	15	05	0	05	20
Dec., 2018	PF	Mechanical control of weeds under rabi crops	01	15	0	15	05	0	05	20
Dec., 2018	PF	Economics of hand operated aonla pricking machine	01	15	0	15	05	0	05	20
Jan., 2019	PF	Small scale processing technology of cereals, pulses, oil seeds & spices	01	15	0	15	05	0	05	20
Jan., 2019	PF	Processing technology of dairy products	01	15	0	15	05	0	05	20
Feb., 2019	PF	Use of improved hand tools for horticultural crops	01	15	0	15	05	0	05	20
Feb., 2019	PF	Scientific use of latest farm machineries	01	15	0	15	05	0	05	20
March, 2019	PF	Different harvesting methods of rabi crops	01	15	0	15	05	0	05	20
March, 2019	PF	Post harvest management of grains & their marketing channels	01	15	0	15	05	0	05	20
Home Sc.										
April, 2018	PF	Value addition on beilgiri	01	0	10	10	0	05	05	15
April, 2018	PF	Importance of vitamins in children	01	0	10	10	0	05	05	15
May, 2018	PF	Income generating activities for empowerment of rural women	01	0	10	10	0	05	05	15
May, 2018	PF	Empowerment of farm women through candle & craft making	01	0	10	10	0	05	05	15
June, 2018	PF	Balanced diet & nutritional deficiency in children	01	0	15	15	0	5	5	20
June, 2018	PF	Empowerment of farm women through SHG's	01	0	15	15	0	05	05	20
July, 2018	PF	Value addition on mango	01	0	10	10	0	05	05	15
July, 2018		Food cooking methods & minimization of nutrient loss	01	0	10	10	0	05	05	15
Aug., 2018	PF	Importance of vitamins in children	01	0	15	15	0	05	05	20
Sept., 2018	PF	Empowerment of farm women through candle & craft making	01	0	10	10	0	05	05	15
Oct., 2018	PF	Importance of kitchen gardening for farm women	01	0	15	15	0	05	05	20
Nov., 2018	PF	Skill development on milk & milk products	01	0	15	15	0	05	05	20
Dec., 2018	PF	Value addition in Aonla	01	0	15	15	0	05	05	20
Jan., 2019	PF	Value addition on winter fruits & vegetables	01	0	15	15	0	05	05	20
Feb., 2019	PF	Value addition on winter fruits & vegetables	01	0	15	15	0	05	05	20
March, 2019	PF	Importance of kitchen gardening for farm women	01	0	10	10	0	05	05	15

Plant Protection										
July, 2018	PF	Management of bacterial leaf blight in guar	01	0	15	15	0	05	5	20
Aug., 2018	PF	Disease management in cotton	01	0	15	15	0	05	05	20
Aug., 2018	PF	Disease management in bajra	01	0	15	15	0	05	05	20
Oct., 2018	PF	Pest management in mustard	01	0	15	15	0	05	05	20
Agricultural Extension										
April, 2018	PF	Formation & management of SHG/farmers club	01	15	0	15	5	0	5	20
June, 2018	PF	Rural development programmes: Information networking	01	15	0	15	5	0	5	20
July, 2018	PF	Record keeping in agriculture & dairying	01	15	0	15	5	0	5	20
Aug., 2018	PF	Leadership development in SHG/farmers club	01	15	0	15	5	0	5	20
Oct., 2018	PF	Role of IT & print media in agriculture & dairying	01	15	0	15	5	0	5	20
Nov., 2018	PF	Formation & management of SHG/farmers club	01	15	0	15	5	0	5	20
Jan., 2019	PF	Record keeping in agriculture & dairying	01	15	0	15	5	0	5	20
Feb., 2019	PF	Role of IT & print media in agriculture & dairying	01	15	0	15	5	0	5	20
Fisheries										
	PF									
Soil health										
April, 2018	PF	Integrated Nutrient Management in summer moong production	01	15	0	15	05	0	05	20
April, 2018	PF	Scientific method for collection of soil & water samples	01	15	0	15	05	0	05	20
May, 2018	PF	Enhancement of soil fertility status through soil health campaign	01	15	0	15	05	0	05	20
June, 2018	PF	Scientific method for enhancement of soil fertility and crop production through organic manure	01	15	0	15	05	0	05	20
June, 2018	PF	Improvement of kharif crop production through INM	01	15	0	15	05	0	05	20
July, 2018	PF	Scientific method for reclamation of sodic water	01	15	0	15	05	0	05	20
July, 2018	PF	Enhancement of kharif crop production through foliar spray of water soluble fertilizer	01	15	0	15	05	0	05	20
Aug., 2018	PF	Diagnosis for deficiency symptoms of zinc and their reclamation in kharif crops particularly in alkaline soil	01	15	0	15	05	0	05	20
Aug., 2018	PF	Scientific technology for reclamation of alkaline soil	01	15	0	15	05	0	05	20
Sept., 2018	PF	Improvement of soil fertility and rabi crop production using bio fertilizer and organic manure	01	15	0	15	05	0	05	20
Oct., 2018	PF	Nutrient management in mustard through INM	01	15	0	15	05	0	05	20
Oct., 2018	PF	Enhancement of oil content in mustard through gypsum	01	15	0	15	05	0	05	20
Oct., 2018	PF	Method and time of potash application in mustard	01	15	0	15	05	0	05	20
Nov., 2018	PF	Scientific method for application of micro nutrient in mustard	01	15	0	15	05	0	05	20
Nov., 2018	PF	Scientific method for nutrient management in wheat	01	15	0	15	05	0	05	20
Dec., 2018	PF	Diagnosis for deficiency symptoms of nutrients in mustard	01	15	0	15	05	0	05	20
Dec., 2018	PF	Reclamation of nutrient deficiency through foliar spray & water soluble fertilizer in mustard	01	15	0	15	05	0	05	20
Jan., 2019	PF	Diagnosis for deficiency symptoms of nutrients in wheat	01	15	0	15	05	0	05	20
Jan., 2019	PF	Reclamation of nutrient deficiency through	01	15	0	15	05	0	05	20

		foliar spray & water soluble fertilizer in wheat									
Jan., 2019	PF	Management of frost and prolonged foggy weather in mustard through potash application	01	15	0	15	05	0	05	20	
Feb., 2019	PF	Scientific method for nutrient management in vegetable crops	01	15	0	15	05	0	05	20	
Feb., 2019	PF	Scientific technologies for soil moisture conservation in vegetable crops	01	15	0	15	05	0	05	20	
March, 2019	PF	Scientific method for nutrient management in summer crops	01	15	0	15	05	0	05	20	

ii) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Month	Duration (days)	No. of Participants			SC/ST participants			G. Total
					M	F	T	M	F	T	
Self employment	Rewinding of electric brunt motors	Electric motor rewinding	Oct-Dec 2018	90	10	0	10	05	0	05	15
Self employment	Agro processing center	Entrepreneurship development through agro processing	Jan 2019	21	08	0	08	04	0	04	12
Self employment	Mali Training	Mali Training	July-Sept. 2018	90	15	0	15	05	0	05	20
Self employment	Mushroom Production technology	Mushroom Production technology	July, 2018	21	11	0	11	05	0	05	16
Self employment	Tailoring & stitching	Tailoring	April, 2018	30	0	10	10	0	05	05	15

iii) Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	No. of participants			Number of SC/ST			G. Total
				M	F	T	M	F	T	
On Campus										
June, 2018	ADO	Productivity enhancement of kharif crop	01	20	0	20	5	0	5	25
Sept., 2018	ADO	Productivity enhancement of rabi crop	01	20	0	20	5	0	5	25
Oct., 2018	ADO	Enhancement of rabi crops production through INM	01	15	0	15	5	0	5	20

iv) Sponsored programme

Discipline	Sponsoring agency	Clientele	Title of the training programme	No. of course	No. of participants			Number of SC/ST			G. Total
					M	F	T	M	F	T	
a) Sponsored training programmes											
Total											
b) Sponsored research programmes											
Total											
c) Any special programmes											
Total											