



## ANNUAL ACTION PLAN (April 2012 to March 2013)

### Priority thrust areas

- 1) Animal health and care – piggery, goatry and Dairy
  - A. (Timely vaccination, deworming and insemination)
- 2) Fertility management in dairy animals.
- 3) Balanced/ supplement feeding in livestock
- 4) Round the year availability of green fodder
- 5) Crop production and management ( Basmati rice, pulses and oilseed)
- 6) Integrated Pest Management (IPM), Integrated Plant Nutrient Management (IPNM) and Organic Farming
- 7) Composite fish culture
- 8) Production of Basmati rice
- 9) Vegetable production and post harvest management
- 10) Orchard development and management
- 11) Women empowerment
- 12) Crop-diversification (bee keeping, mushroom)
- 13) Post harvest management and marketing of food-grains, seed, fruit, vegetables fish milk, and meat products

## TECHNICAL PROGRAMME

### Details of targeted mandatory activities by KVK

OFT		FLD	
1		2	
Number of OFTs	Number of Farmers	Number of FLDs	Number of Farmers
08	70	206	2225

Training		Extension Activities	
3		4	
Number of Courses	Number of Participants	Number of activities	Number of participants
133	2404	2485	20940

Seed Production (Qtl.)	Planting material (Nos.)
118	26000

Soil Testing (No.)
1200

## Details of each On Farm Trial

### 1. OFT on problem of mineral deficiency in goat

Problem identification	Problem of mineral deficiency in goats reared under semi intensive system
Methodology adopted for problem identification	Discussion with farmers during training programs Observation during field visits Diagnosed during health camps
Production system and thematic area	Dairy production system, nutrition management
Possible solutions	Supplementation with mineral lick blocks
Source of Technology	Division of Animal Nutrition, IVRI, Izatnagar.
Nature of intervention	OFT
Farmers' Practices	Grazing without any mineral supplementation
Possible technology to be compared	T1: Use of mineral lick block
No. of animals	10 goats above 3 months of age in each replication (50 animals under trail. In addition 50 animals will be under control) from 10 families
No. of replication	5 replications
Observation to be recorded	<ul style="list-style-type: none"> <li>• Monthly weight gain</li> <li>• No. of kidding</li> <li>• Twinning percentage</li> <li>• Birth weight of kid</li> <li>• Mortality in kids</li> </ul>
Critical inputs	Mineral blocks
Cost of each location	Rs. 1500/- in each location
<b>Total cost of OFT</b>	<b>Rs. 7500/-</b>

### 2. OFT Low Yield In Sugarcane Crop due to heavy infestation of White Grubs

<b>Crop/ Enterprise</b>	<b>Sugarcane</b>
<b>Problems Identification</b>	<b>Heavy infestation of white grubs in Sugarcane crop</b>
Methodology adopted for Problem identification	Heavy loss in yield of sugarcane crop (14 to 50%)
Farming system and Thematic area	Integrated crop management
Farming situation	Irrigated
Source of technology	Directorate of plant protection, Quarantine & storage, Faridabad
Farmers' Practices	Agro-chemicals
Possible solutions to be compared	i) T0- Farmers practice use of Forrate and Carbendazim ii) T1 –B. brongniartii (4kg/ha), Metarrhizium anisopliae and Trichoderma sp.(3kg/ha)
Plot size	2 X 4000 sq. meter
No. of replication	10
Observation	Cost of cultivation Yield quintal/ ha Occurrence of insect pests/ diseases Gross/net return B.C. ratio
Critical Inputs	B. brongniartii (4.0kg/ha) Metarrhizium anisopliae (2.0kg/ha) / Trichoderma sp. (3.0kg/ha)

Cost of each intervention	RS. 500/-
<b>Total cost of OFT</b>	<b>RS. 5000/-</b>

### 3. Problem of bacterial blight in basmati rice

<b>Crop/ Enterprise</b>	<b>Rice</b>
<b>Problems Identification</b>	<b>Problem of bacterial blight in Pusa basmati -1 variety of rice</b>
Methodology adopted for Problem identification	Survey, group discussion and personal experience
Farming system and Thematic area	Integrated disease management
Source of technology	IARI, Pusa, New Delhi
Farmers' Practices	Use of chemicals for seed treatment and during appearance of disease in standing crop
Possible solutions to be compared	Transplanting of blight tolerant variety Pusa 1460
Plot size	2 X 2000 m <sup>2</sup>
No. of replication	10
Observation	a. % affected plant of blight disease per sq mts b. Grain yield per hectare c. B:C ratio
Critical Inputs	Seed of Pusa 1460 variety
Cost of each intervention	RS. 250/-
<b>Total cost of OFT</b>	<b>RS. 2500/-</b>

### 4. OFT on less production in late sowing varieties of wheat

<b>Crop/Enterprise</b>	<b>Wheat</b>
<b>Title of on-farm trial</b>	<b>Low productivity of late sown wheat crops</b>
Problem diagnosed	Low yield of late sown wheat due to continuous growing of old varieties of wheat
Methodology adopted for Problem identification	Survey, group discussion and personal experience
Farmers' Practices	Old late sown varieties i.e. UP 2425 and UP 2338
Possible solutions to be compared	Latest late sown varieties i.e. HD 2643 and WR 544
Source of technology	IARI New Delhi and DWR Karnal
No. of farmers	10
Plot size	2 x 2000 sq. m.
Performance indicators i) Technical ii) Economic iii) Social	a. No. of tillers per culm b. Yield q /ha c. Cost of cultivation:- Gross return /Net return
Cost of each intervention	250/-
<b>Total cost of OFT</b>	<b>Rs.2500/-</b>

### 6. Problem of Die- Back and Gummosis in Mango

<b>Problems Identification</b>	<b>Low yield of mango trees due to attack of Die- Back and Gummosis in Mango</b>
Methodology adopted for Problem identification	<b>Survey, group discussion and personal contact</b>
Production system and thematic area	Mango fruit production and disease management
Possible Solutions	Die back and gummosis in mango orchard can be managed by using fungicides micro nutrient etc.
Source of technology	NCIPM, New Delhi and CISH, Lucknow
Farmers' Practices	Spray of mancozeb in rainy season.
Possible solutions to be compared	<ul style="list-style-type: none"> <li>• Prunning of infected branch of die back or scapping of bark affected by gummosis and apply copper oxichloride paste 0.3%</li> <li>• Spray of copper oxichloride @0.3% ( three spray 15 june,15july and 15aug)</li> <li>• Apply 500gm copper sulphate/ plant in July August.</li> <li>• Avoide water logging in orchard.</li> </ul>
Plot size	2 X 2500 Sq. m. (25tress each)
No. of replication	05
Observation	a. Number of disease effected plants b. Yield per hectare c. B:C ratio
Critical Inputs	Copper oxichloride, copper sulphate
Cost of each intervention	Rs 1000/- each replication
<b>Total cost of OFT</b>	<b>Rs. 5000/-</b>

#### 7. OFT on problem of feed management at fish pond

Problem identification	Problem of feed management at fish pond
Methodology adopted for problem identification	Discussion with farmers during training programs Observation during field visits at KVK farm.
Production system and thematic area	Nutrition management
Possible solutions	Supplementation with Azola & fish meal
Source of Technology	Division of Animal Nutrition, IVRI, Izatnagar.
Nature of intervention	OFT
Farmers' Practices	FYM
Possible technology to be compared	T0 : No extra feed (natural condition) T1: Use of Azola (1.0 kg) T2: Fish meal
No. of fish	500 fish in each pond
No. of replication	3 replications
Observation to be recorded	<ul style="list-style-type: none"> <li>• Quarterly weight gain</li> <li>• Length gain</li> <li>• Motrality</li> <li>• B:C ratio</li> </ul>
Critical inputs	Azola and fish meal
Cost of each location	Rs. 1000/- in each location
<b>Total cost of OFT</b>	<b>Rs. 3,000/-</b>

### 8. Problem of high mortality and low productivity in backyard poultry for rural women

Problem identification	Problem of high mortality and low productivity in backyard poultry for rural women
Methodology adopted for problem identification	Discussion with farmers during training programs Observation during field visits Diagnosed during health camps
Production system and thematic area	Backyard poultry
Possible solutions	Introduction of backyard poultry breed developed by CARI
Source of Technology	CARI Izatnagar
Nature of intervention	OFT
Farmers' Practices	Local breeds
Possible technology to be compared	CARI Shyama/Devendra/Sonali
No. of animals	25 day old chicks / family
No. of replication	08
Observation to be recorded	<ul style="list-style-type: none"> <li>• Mortality %</li> <li>• Weight gain at 15, 30 &amp; 45 days</li> <li>• Total Production</li> <li>• B:C ratio</li> </ul>
Critical inputs	CARI Shyama/Devendra/Sonali 250 day old chicks
Cost of each replication	Rs. 600/-
<b>Total cost of OFT</b>	<b>Rs 4800/-</b>

### Frontline Demonstrations on Oilseeds and Pulses

Sl. No.	Crop/ Thematic area	Farmer's Practice	Technology for demonstration	Critical inputs	Season and year	Area (ha)	No. of farmers/ demonstration	Parameters identified Yield/Profit/Other technological parameters
<b>Oilseeds</b>								
1.	<b>Til</b> Integrated Crop Management(ICM)	Local variety- Type -4 Improper, Improper pest and disease management	Introduction of Shekhar variety + Control of hairy caterpillar/ Leaf roller	Seed @ 4Kg/ha + Indoxacarb @ 450 ml/ha	Kharif-2012	5.0	15	Growth & flowering habit of variety, Intensity of pest incidence before & after spray Yield (q/ha) B:C ratio
2.	<b>Rai/ Mustard</b> Integrated Crop Management (ICM)	Local variety- Jhumka/ B-9 Improper pest and disease management	Introduction of DR-2 variety + Aphid control (Imidacloprid 150ml/ha	Seed @ 5 Kg/ha + Imidacloprid @ 150ml/ha	Rabi-2012-13	5.0	15	Growth & flowering habit of variety Effect of Imidacloprid on aphid Yield (q/ha) B:C ratio
<b>Pulses</b>								
3.	<b>Arhar</b> Integrated Crop Management(ICM) + Integrated pest management(IPM)	Local long duration variety- Improper pest and disease management	UPAS-120/Manak variety / Pusa 992 + Pod borer control through IPM	Seed @ 20 Kg/ha + (Pheromone trap, HaNPV @ 300 LE /ha and Indoxacarb @ 450ml/ha	Kharif-2012	5.0	15	Growth of variety Intensity of pod borer incidence before & after treatment Yield (q/ha) B:C ratio

4.	<b>Lentil</b> Integrated Crop Management(ICM)	Local long duration variety- PL-406 No control of wilt disease	Lentil variety PL-5/DPL-15 + Soil treatment with Trichoderma biofungicide	Seed @ 40 Kg /ha + Trichoderma @ 3.0 Kg /ha	Rabi-2012-13	5.0	15	Growth & flowering habit of variety Effect of Trichoderma on appearance of wilt Yield (q/ha) B:C ratio
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### Frontline Demonstrations on Other than Oilseeds and Pulses

Crop Science								
5.	<b>Paddy</b> Resource conservation technology	Traditional method of paddy cultivation	System of Rice Intensification	Pusa-1460 variety of Paddy	Kharif-2012	2.0	10	Growth of variety No. of tillers Intensity of pest & disease incidence Yield (q/ha) B:C ratio
6.	<b>Napier grass</b> Fodder production	Seasonal /perennial fodder crops	Introduction of CO3 variety of Hybrid Napier Grass	Root slips / stem cuttings @ 15000 /ha	Summer - 2012	1.0	20	Growth of variety No. of tillers Liking by the animals Yield (q/ha) B:C ratio
7.	<b>Barseem + Oat</b> Fodder production	Pure crop of barseem	Mixing of Oat seed in Barseem	Kent variety of Oat	Rabi-2012-13	1.0	10	Growth of crop Effect of Oat on Barseem crop Yield (q/ha) B:C ratio
Horticulture								
8.	<b>Garlic</b> Production and Management technology under spices	Cultivation of other less profitable crops	Introduction of garlic	Yamuna safed 1&2 @ 5 qt/acre		0.1	05	Growth of crop Effect of pest & disease Yield (q/ha) B:C ratio
9.	<b>Brocoli</b> Exotic vegetable crops	Cultivation of other less profitable crops	Introduction of Brocoli	Pusa Brocoli-1 seed @ 300 gm/ha	Rabi-2010-11	0.25	05	Growth of crop Effect of pest & disease Yield (q/ha) B:C ratio

10.	<b>Brinjal</b> Production and Management technologies	Cultivation of other less profitable crops	Introduction of Brinjal	Spray of Rynoxy pyre @ 80ml/ha	Rabi-2012-13	0.2	05	Effect of fruit and shoot borer Yield (q/ha) B:C ratio
11.	<b>Satavar</b> Production and Management technologiesss	Cultivation of other profitable crops	Introduction of Pili sataver (medicinal crop)	Sidling of Pili sataver	Kharif -2012-13	0.2	05	Growth and yield of crop B:C ratio
<b>Fisheries</b>								
12.	<b>Supplementary feeding in fish ponds</b>	Increasing yield of fish ponds by adding supplementary feed	Indian and exotic carps	No supplementary feeding	2010-11	05	Area specific mineral mixture	Growth of fish B:C ratio
<b>Total</b>						<b>125</b>		

### Livestock Enterprises (Livestock Production & Management)

Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Critical inputs	Performance parameters / indicators
<b>Vaccination (FMD)</b>	Cattle and Buffalo	650	2000 in 8 villages	FMD Vaccine	Intensity of disease occurrence in the locality before vaccination (%) Intensity of disease occurrence in the Vaccinated area (%)
<b>Vaccination (HS)</b>	Cattle and Buffalo	650	2000 in 8 villages	HS Vaccine	Intensity of disease occurrence in the locality (%)before vaccination Intensity of disease occurrence in the Vaccinated area (%)
<b>Deworming</b>	Buffalo calves	300	400 in 10villages	Inj. Ivermactine 1-2ml / Albendazole/ Piperazine 0.5 gm / 50 kg body weight	Intensity of calf mortality in untreated animals Intensity of calf mortality in treated animals Benefit in terms of rupees
<b>Tick Control</b>	Milch	450	1050 in	Cypermethrine	Intensity of occurrence of ticks



	animals		10villages	0.02 % solution / Inj. Ivermactine 1-2ml / 50 kg body weight	Effect on physical health Effect on milk production B:C ratio
<b>Pyrexia</b>	Milch Buffalo	100	140 in 15 villages	Paracetamol and amoxiline antibiotic	Intensity of occurrence of problem Effect of medicine Effect on milk production B:C ratio
<b>Total</b>		<b>2190</b>	<b>51</b>		

### Other Enterprises

Enterprise	Variety/ breed/Species/others	No. of farmers	No. of Units	Critical inputs	Performance parameters / indicators
Apiary	Apis meliphera	5	20	Mite control strips	Intensity of occurrence of mites Effect on growth of colony Effect on honey production B:C ratio
Vermi compost	Eicinia foetida	20	20	Earthworms @ 1.0 Kg./farmer	Growth rate of earth worms Production of vermicompost B:C ratio
Preservation	Preservation of Lemon	10	02	Lemon and preservatives	B:C ratio
	Drying of green leaves vegetables	10	02	Green leafy vegetables	B:C ratio
<b>Total</b>		<b>45</b>	<b>44</b>		
<b>Grand Total (i+ii+iii)</b>		<b>2050</b>	<b>260</b>		

### Extension and Training activities under FLDs

S.No.	Activity	No. of activities	Month	Number of participants
1	Field days	10	As per crop stage	1000
2	Farmers Training	10	As per schedule	200
3	Media coverage	05	As per crop stage	-
4	Training for extension functionaries	05	As per schedule	100
5.	Development of literature	02		

**Training (Including the sponsored and FLD training programmes):** (April2012-March 2013)

**A) ON Campus**

Area	Thematic	No. Of Courses	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>									
<b>I Crop Production</b>									
<b>Resource Conservation Technologies</b>									
Zero tillage for wheat cultivation		01	16	-	16	04	-	04	20
<b>Integrated Crop Management</b>									
Agro-techniques of Lentil		01	16	-	16	04	-	04	20
Agro-techniques in Arhar crop		01	16	-	16	04	-	04	20
Agro-techniques of Til and Groundnut		01	16	-	16	04	-	04	20
Agro-techniques of Rai / Mustard cultivation		01	16	-	16	04	-	04	20
<b>Integrated Pest Management</b>									
Integrated pest management in paddy		01	16	-	16	04	-	04	20
<b>II Horticulture</b>									
<b>b) Fruits</b>									
<b>Layout and Management of Orchards</b>									
Lay out and planting of mango and guava orchard		01	20	-	20	05	-	05	25
<b>c) Ornamental Plants</b>									
<b>Export potential of ornamental plants</b>									
Production of gladiolus and Tuberose for cut flowers		01	20	-	20	05	-	05	25
<b>Propagation techniques of Ornamental Plants</b>									
Propagation techniques of ornamental plants		01	20	-	20	05	-	05	25
<b>f) Spices</b>									
<b>Production and Management technology</b>									
Production technology of onion and Garlic		01	14	-	14	06	-	06	20
<b>Processing and value addition</b>									
Production and processing of Ginger and Turmeric		01	20	-	20	05	-	05	25
<b>III Soil Health and Fertility Management</b>									
<b>Integrated Nutrient Management</b>									
Integrated nutrient management in sugarcane		01	15	-	15	05	-	05	20
<b>IV Livestock Production and Management</b>									
<b>Dairy Management</b>									
Management of milch animals		01	12	03	15	03	02	05	20
Production and Management practices of dairy animals		01	08	08	16	02	02	04	20

<b>Poultry Management</b>								
Backyard poultry	01	15	-	15	05	-	05	20
<b>Piggery Management</b>								
Care and management of piglets	01	18	-	18	02	-	02	20
<b>Disease Management</b>								
Preventive measure of endo-and ecto parasitic infestation	01	12	03	15	03	02	05	20
Disease management in dairy animals	01	15	-	15	05	-	05	20
First aid in animals	01	15	-	15	05	-	05	20
<b>Feed management</b>								
Balance feeding of pregnant animals	01	15	-	15	05	-	05	20
<b>V Home Science/Women empowerment</b>								
<b>Household food security by kitchen gardening and nutrition gardening</b>								
Kitchen gardening	01	-	15	15	-	05	05	20
<b>Designing and development for high nutrient efficiency diet</b>								
Design and development of low / minimum cost diet	01	-	15	15	-	05	05	20
<b>Value addition</b>								
Preparation of milk based products	01	-	12	12	-	03	03	15
Preparation of milk based products	01	-	15	15	-	05	05	20
Fruits and Vegetable preservation	01	-	10	10	-	05	05	15
<b>Gender mainstreaming through SHGs</b>								
Gender mainstreaming through SHGs	01	08	08	16	02	02	04	20
<b>VII Fisheries</b>								
<b>Integrated fish farming</b>								
Integrated fish farming	01	10	-	10	05	-	05	15
<b>Composite fish culture</b>								
Fish diseases and its control	01	08	-	08	02	-	02	10
Renovation & cleaning of fish pond	01	15	-	15	05	-	05	20
Composite fish culture	01	15	-	15	05	-	05	20
<b>X Capacity Building and Group Dynamics</b>								
<b>Leadership development</b>								
Leadership development	02	30	-	30	10	-	10	40
<b>Formation and Management of SHGs</b>								
Formation and management of SHGs	02	30	-	30	05	-	05	35
<b>Entrepreneurial development of farmers/youths</b>								
Liaison of financial institution with growers for upletment of economic condition	02	24	-	24	10	-	10	34
<b>TOTAL</b>	<b>36</b>	<b>455</b>	<b>89</b>	<b>544</b>	<b>129</b>	<b>31</b>	<b>160</b>	<b>704</b>
<b>(B) RURAL YOUTH</b>								
<b>Mushroom Production</b>								
Production and marketing of Button Mushroom	01	22	03	25	03	02	05	30
<b>Bee-keeping</b>								
Bee keeping and marketing of honey	01	15	05	20	05	05	10	30

<b>Integrated farming</b>								
Production of export potential crop: Basmati rice	01	16	-	16	04	-	04	20
<b>Seed production</b>								
Seed Production in wheat	01	16	-	16	04	-	04	20
<b>Vermi-culture</b>								
Vermi-composting & Vermi-culture	01	10	10	20	-	-	-	20
<b>Protected cultivation of vegetable crops</b>								
Protected cultivation of vegetable crops	01	20	-	20	05	-	05	25
<b>Medicinal and aromatic plants</b>								
Cultivation of satavar and Akarkara	01	15	05	20	05	05	10	30
<b>Dairying</b>								
Scientific dairy farming	01	25	-	25	05	-	05	30
Scientific dairy farming	01	15	08	23	05	02	07	30
<b>Piggery</b>								
Establishment of Pig farming	02	40	-	40	20	-	20	60
Pig farming	01	20	-	20	10	-	10	30
<b>Poultry production</b>								
Poultry farming	01	08	08	16	02	02	04	20
<b>Sheep and goat rearing</b>								
Goat Farming	01	15	-	15	05	-	05	20
<b>Composite fish culture</b>								
Composite fish culture	01	10	-	10	05	-	05	15
Integrated fish farming	01	12	-	12	03	-	03	15
<b>Tailoring and Stitching</b>								
Tailoring	02	-	10	10	-	05	05	15
Hand embroidery	02	-	15	15	-	05	05	20
Surf making	02	-	26	26	-	04	04	30
Macramé	01	-	10	10	-	05	05	15
Hand knitting	01	-	10	10	-	05	05	15
<b>Value addition</b>								
Preservation of fruit and vegetable	01	10	05	15	05	05	10	25
<b>Repair and maintenance of farm machinery and implements</b>								
Repair & maintenance of farm implements	01	15	-	15	05	-	05	20
<b>Nursery Management of Horticulture crops</b>								
Nursery enterprise of ornamental plants	01	20	-	20	05	-	05	25
<b>Entrepreneurial development</b>								
Entrepreneurial development of farmers/youths	03	20	20	40	10	10	20	60
<b>TOTAL</b>	<b>30</b>	<b>324</b>	<b>135</b>	<b>459</b>	<b>106</b>	<b>55</b>	<b>161</b>	<b>620</b>
<b>(C) Extension Personnel</b>								
<b>Productivity enhancement in field crops</b>								
System of rice intensification	01	15	-	15	05	-	05	20
	01	15	-	15	05	-	05	20

Export potential crop production- Basmati rice								
<b>Rejuvenation of old orchards</b>								
Biennial bearing in mango	01	17	-	17	03	-	03	20
Propagation techniques in Mango and guava	01	08	-	08	02	-	02	10
<b>Information networking among farmers</b>								
Information and communication intervention for TOT	01	12	-	12	03	-	03	15
<b>Management in farm animals</b>								
First Aid in animals	01	14	-	14	06	-	06	20
Zoonotic disease and its preventive measures	01	14	-	14	06	-	06	20
Infertility management in dairy animals	01	08	-	08	02	-	02	10
<b>Production and use of organic inputs</b>								
Vermicomposting –Production and marketing	01	15	-	15	05	-	05	20
<b>Medicinal and aromatic plants</b>								
Cultivation of herbal plants and their uses	01	08	-	08	02	-	02	10
<b>Women empowerment</b>								
Nutritional diet for pregnant and lactating	01	-	10	10	-	-	-	10
Low cost nutrient recipes for preschool children	01	-	10	10	-	-	-	10
<b>Integrated Pest Management</b>								
Biocontrol of pest and diseases	01	15	-	15	05	-	05	20
<b>Protected cultivation technology</b>								
Protective cultivation of vegetable crops	01	08	-	08	02	-	02	10
<b>Formation and Management of SHGs</b>								
Forming and management of SHGs	01	12	-	12	03	-	03	15
<b>Total</b>	<b>15</b>	<b>161</b>	<b>20</b>	<b>181</b>	<b>49</b>	<b>-</b>	<b>49</b>	<b>230</b>
<b>Total(On Campus)</b>	<b>81</b>	<b>940</b>	<b>244</b>	<b>1184</b>	<b>284</b>	<b>86</b>	<b>370</b>	<b>1554</b>

## B) OFF Campus

Thematic Area	No. of Courses	No. of Participants						Grand Total
		Others			SC/ST			
		Male	Female	Total	Male	Female	Total	
<b>(A) Farmers &amp; Farm Women</b>								
<b>Crop Production</b>								
<b>Weed Management</b>								
Weed management in wheat crop	01	12	-	12	03	-	03	15
<b>Nursery management</b>								
Nursery Management in Paddy.	01	12	-	12	03	-	03	15
<b>Integrated Crop Management</b>								
<b>Fodder production</b>								
Green fodder availability round the year	01	12	-	12	03	-	03	15
Cultivation techniques of Napier grass.	01	12	-	12	03	-	03	15
Growing legume & non legume fodders	01	12	-	12	03	-	03	15

<b>II Horticulture</b>								
<b>a) Vegetable Crops</b>								
<b>Nursery raising</b> Vegetable nursery raising and management	01	11	-	11	04	-	04	15
<b>b) Fruits</b>								
<b>Layout and Management of Orchards</b> Layout and Management of mango orchards	01	12	-	12	03	-	03	15
<b>c) Ornamental Plants</b>								
<b>d) Export potential of ornamental plants</b> Export potential of ornamental plants	01	12	-	12	03	-	03	15
Cultivation of Rose and Marigold	01	12	-	12	03	-	03	15
Post harvest management of cut flower	01	15	-	15	05	-	05	20
<b>e) Spices</b>								
<b>Processing and value addition</b> Curing of turmeric and ginger	01	12	-	12	03	-	03	15
<b>III Soil Health and Fertility Management</b>								
<b>Soil fertility management</b> Soil testing for fertility management	02	27	-	27	08	-	08	35
<b>IV Livestock Production and Management</b>								
<b>Dairy Management</b>								
Balanced feeding in milch animals	01	20	-	20	05	-	05	25
Care and management of calves	01	20	-	20	05	-	05	25
Clean milk production	01	15	-	15	05	-	05	20
Pregnancy diagnosis	01	15	-	15	05	-	05	20
Care and management of dairy animals	01	12	-	12	03	-	03	15
<b>Disease Management</b>								
FMD – and its preventive measures	01	20	-	20	05	-	05	25
Control measures of endo-parasitic infestation	01	10	08	18	05	02	07	25
Parasitic control in dairy animals	01	-	15	15	-	05	05	20
Control measures of endo-parasitic infestations	01	15	-	15	05	-	05	20
Control measures of Contagious diseases in dairy animals	01	-	12	12	-	03	03	15
Control of mastitis in animals	01	-	15	15	-	05	05	20
<b>V Home Science/Women empowerment</b>								
<b>Household food security by kitchen gardening and nutrition gardening</b>								
Management of nutritional garden	01	-	15	15	-	05	05	20
<b>Storage loss minimization techniques</b>								
Techniques of storage loss minimization in wheat	01	12	-	12	03	-	03	15
Storage of food grains	01	-	15	15	-	05	05	20
<b>Women and child care</b>								
Health care and balanced diet for preschool children	01	-	15	15	-	05	05	20

Nutrition deficiency disease in human being	01	-	16	16	-	04	04	20
Personal health and hygiene of farm women	01	-	11	11	-	04	04	15
<b>VII Plant Protection</b>								
<b>Integrated Pest Management</b>								
Identification of pest, diseases and control in Paddy	01	15	-	15	-	-	-	15
IPM techniques in rainy season vegetable	01	12	-	12	03	-	03	15
Management of pest and diseases in sugarcane	01	12	-	12	03	-	03	15
<b>VIII Fisheries</b>								
<b>Composite fish culture</b>								
Parasitic control in fish.	01	15	-	15	05	-	05	20
Measures during fish seed transportation	01	-	15	15	-	05	05	20
<b>X Capacity Building and Group Dynamics</b>								
<b>Leadership development</b>								
Leadership development	01	15	-	15	05	-	05	20
<b>Entrepreneurial development of farmers/youths</b>								
Entrepreneurial development of farmers/youths	01	15	-	15	05	-	05	20
<b>TOTAL</b>	<b>37</b>	<b>384</b>	<b>137</b>	<b>521</b>	<b>106</b>	<b>43</b>	<b>149</b>	<b>670</b>
<b>(B) RURAL YOUTH</b>								
<b>Seed production</b>								
Paddy Seed Production	01	08	-	08	02	-	02	10
<b>Vermi-culture</b>								
Vermicomposting	01	08	-	08	02	-	02	10
<b>Commercial fruit production</b>								
Banana cultivation	01	08	-	08	02	-	02	10
<b>Repair and maintenance of farm machinery and implements</b>								
Maintenance of pump set	01	12	-	12	03	-	03	15
<b>Nursery Management of Horticulture crops</b>								
Ornamental nursery management	01	08	-	08	02	-	02	10
Management of potted plants	01	08	-	08	02	-	02	10
<b>Value addition</b>								
Value addition in groundnut	01	08	-	08	02	-	02	10
Value addition in meat products	01	08	-	08	02	-	02	10
Value addition in milk products	01	08	-	08	02	-	02	10
<b>Dairying</b>								
Control of mastitis	01	12	-	12	03	-	03	15
Clean milk production	01	03	02	05	02	03	05	10
Clean milk Production	01	-	12	12	-	03	03	15
<b>Composite fish culture</b>								
Renovation of fish ponds.	01	12	-	12	03	-	03	15



<b>Small scale processing</b> Vermicomposting	01	10	10	20	-	-	-	20
<b>Post Harvest Technology</b> Packaging of capsicum for safe transportation	01	08	-	08	02	-	02	10
<b>Total</b>	<b>15</b>	<b>121</b>	<b>24</b>	<b>145</b>	<b>29</b>	<b>06</b>	<b>35</b>	<b>180</b>
<b>Total (Off Campus)</b>	<b>52</b>	<b>505</b>	<b>161</b>	<b>666</b>	<b>135</b>	<b>49</b>	<b>184</b>	<b>850</b>
<b>Total (On Campus)</b>	<b>81</b>	<b>940</b>	<b>244</b>	<b>1184</b>	<b>284</b>	<b>86</b>	<b>370</b>	<b>1554</b>
<b>GRAND TOTAL (On + Off)</b>	<b>133</b>	<b>1445</b>	<b>405</b>	<b>1850</b>	<b>419</b>	<b>135</b>	<b>554</b>	<b>2404</b>

**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	
<b>Weed Management</b> Weed management in wheat crop	01	12	-	12	03	-	03	15
<b>Resource Conservation Technologies</b> Zero tillage for wheat cultivation	01	16	-	16	04	-	04	20
<b>Integrated Crop Management</b> Agro-techniques of Lentil	01	16	-	16	04	-	04	20
Agro-techniques in Arhar crop	01	16	-	16	04	-	04	20
Agro-techniques of Til and Groundnut	01	16	-	16	04	-	04	20
Agro-techniques of Rai / Mustard cultivation	01	16	-	16	04	-	04	20
<b>Integrated Pest Management</b> Integrated pest management in paddy	01	16	-	16	04	-	04	20
<b>Fodder production</b> Green fodder availability round the year	01	12	-	12	03	-	03	15
Cultivation techniques of Napier grass.	01	12	-	12	03	-	03	15
Growing legume & non legume fodders	01	12	-	12	03	-	03	15
<b>Nursery management</b> Nursery Management in Paddy.	01	12	-	12	03	-	03	15
<b>a) Vegetable Crops</b>								
<b>Nursery raising</b> Vegetable nursery raising and management	01	11	-	11	04	-	04	15
<b>b) Fruits</b>								
<b>Layout and Management of Orchards</b> Lay out and planting of mango and guava orchard	01	20	-	20	05	-	05	25
Lay out and planting of mango and guava orchard	01	12	-	12	03	-	03	15
<b>c) Ornamental Plants</b>								

<b>Export potential of ornamental plants</b>								
Production of gladiolus and Tuberose for cut flowers	01	20	-	20	5	-	5	25
Cultivation of Rose and Marigold	01	12	-	12	03	-	03	15
Export potential of ornamental plants	01	12	-	12	03	-	03	15
Post harvest management of cut flower	01	15	-	15	05	-	05	20
<b>Propagation techniques of Ornamental Plants</b>								
Propagation techniques of ornamental plants	01	20	-	20	05	-	05	25
<b>f) Spices</b>								
<b>Production and Management technology</b>								
Seed production technology of onion and garlic	01	14	-	14	06	-	06	20
<b>Processing and value addition</b>								
Curing of Turmeric and Ginger	01	12	-	12	03	-	03	15
Production and processing of Ginger and Turmeric	01	20	-	20	05	-	05	25
<b>III Soil Health and Fertility Management</b>								
<b>Integrated Nutrient Management</b>								
Integrated nutrient management in sugarcane	01	15	-	15	05	-	05	20
<b>Soil fertility management</b>								
Soil testing for fertility management	02	27	-	27	08	-	08	35
<b>IV Livestock Production and Management</b>								
<b>Dairy Management</b>								
Management of milch animals	01	12	03	15	03	02	05	20
Balanced feeding in milch animals	01	20	-	20	05	-	05	25
Care and management of calves	01	20	-	20	05	-	05	25
Clean milk production	01	15	-	15	05	-	05	20
Production and Management practices of dairy animals	01	08	08	16	02	02	04	20
Pregnancy diagnosis	01	15	-	15	05	-	05	20
Care and management of dairy animals	01	12	-	12	03	-	03	15
<b>Poultry Management</b>								
Backyard poultry	01	15	-	15	05	-	05	20
<b>Piggery Management</b>								
Care and management of piglets	01	18	-	18	02	-	02	20
<b>Disease Management</b>								
Preventive measures of endo and ecto-parasitic infestation	01	12	03	15	03	02	05	20
FMD – and its preventive measures	01	20	-	20	05	-	05	25
Control measures of endo-parasitic infestation	01	10	08	18	05	02	07	25
Parasitic control in dairy animals	01	-	15	15	-	05	05	20
Disease management in dairy animals	01	15	-	15	05	-	05	20
First aid in animals	01	15	-	15	05	-	05	20
Control measures of endo-parasitic	01	15	-	15	05	-	05	20

infestations								
Control measures of Contagious diseases in dairy animals	01	-	12	12	-	03	03	15
Control of mastitis in animals	01	-	15	15	-	05	05	20
<b>Feed management</b>								
Balance feeding of pregnant animals	01	15	-	15	05	-	05	20
<b>V Home Science/Women empowerment</b>								
<b>Household food security by kitchen gardening and nutrition gardening</b>								
Kitchen gardening	01	-	15	15	-	05	05	20
Nutrition Gardening	01	-	15	15	-	05	05	20
<b>Design and development of low/minimum cost diet</b>								
Design and development of low/minimum cost diet	01	-	15	15	-	05	05	20
<b>Gender mainstreaming through SHGs</b>								
Gender mainstreaming through SHGs	01	08	08	16	02	02	04	20
<b>Value addition</b>								
Preparation of milk based products	02	-	27	27	-	08	08	35
Fruits and Vegetable preservation	01	-	10	10	-	05	05	15
<b>Storage loss minimization techniques</b>								
Techniques of .storage loss minimization in wheat	01	12	-	12	03	-	03	15
Storage of food grains	01	-	15	15	-	05	05	20
<b>Women and child care</b>								
Health care and balanced diet for preschool children	01	-	15	15	-	05	05	20
Nutrition deficiency disease in human being	01	-	16	16	-	04	04	20
Personal health and hygiene of farm women	01	-	11	11	-	04	04	15
<b>VII Plant Protection</b>								
<b>Integrated Pest Management</b>								
Integrated pest management in Paddy	01	15	-	15	-	-	-	15
Management of pest and diseases in sugarcane	01	12	-	12	03	-	03	15
IPM techniques in rainy season vegetable	01	12	-	12	03	-	03	15
<b>VIII Fisheries</b>								
<b>Integrated fish farming</b>								
Integrated fish farming	01	10	-	10	05	-	05	15
<b>Composite fish culture</b>								
Fish diseases and its control	01	08	-	08	02	-	02	10
Parasitic control in fish.	01	15	-	15	05	-	05	20
Renovation and cleaning of fish pond	01	15	-	15	05	-	05	20
Composite fish culture	01	-	15	15	-	05	05	20
Fish seed transportation	01	15	-	15	05	-	05	20
<b>X Capacity Building and Group Dynamics</b>								

<b>Leadership development</b>								
Leadership development	02	30	-	30	10	-	10	40
Leadership development	01	15	-	15	05	-	05	20
<b>Formation and Management of SHGs</b>								
Formation and management of SHGs	02	30	-	30	05	-	05	35
<b>Entrepreneurial development of farmers/youths</b>								
Entrepreneurial development of farmers/youths	01	15	-	15	05	-	05	20
Liason of financial institution with growers for upletment of economic conditions	02	24	-	24	10	-	10	34
<b>TOTAL</b>	<b>73</b>	<b>839</b>	<b>226</b>	<b>1065</b>	<b>235</b>	<b>74</b>	<b>309</b>	<b>1374</b>

<b>(B) RURAL YOUTH</b>								
<b>Mushroom Production</b>								
Production and marketing of Button Mushroom	01	22	03	25	03	02	05	30
<b>Bee-keeping</b>								
Bee keeping and marketing of honey	01	15	05	20	05	05	10	30
<b>Integrated farming</b>								
Production of export potential crop: Basmati rice	01	16		16	04	-	04	20
<b>Seed production</b>								
Seed Production in wheat	01	16		16	04	-	04	20
Paddy Seed Production	01	08	-	08	02	-	02	10
<b>Vermi-culture</b>								
Vermi-composting	01	10	10	20	-	-	-	20
	01	08	-	08	02	-	02	10
<b>Protected cultivation of vegetable crops</b>								
Protected cultivation of vegetable crops	01	20	-	20	05	-	05	25
<b>Commercial fruit production</b>								
Banana cultivation	01	08	-	08	02	-	02	10
<b>Medicinal and aromatic plants</b>								
Cultivation of Sataver	01	15	05	20	05	05	10	30
<b>Repair and maintenance of farm machinery and implements</b>								
Repair & maintenance of farm implements	01	15	-	15	05	-	05	20
Maintenance of pump sets	01	12	-	12	03	-	03	15
<b>Nursery Management of Horticulture crops</b>								
Ornamental nursery management	01	08	-	08	02	-	02	10
Nursery enterprise of ornamental plants	01	20	-	20	05	-	05	25
Management of potted plants	01	08	-	08	02	-	02	10
<b>Value addition</b>								
Value addition in groundnut	01	08	-	08	02	-	02	10
Preservation of fruits and vegetables	01	10	05	15	05	05	10	25
Value addition in milk products	01	08	-	08	02	-	02	10
Value addition in meat products	01	08	-	08	02	-	02	10

<b>Dairying</b>								
Scientific Dairy Farming	01	25	-	25	05	-	05	30
Control of mastitis	01	12	-	12	03	-	03	15
Clean milk production	01	03	02	05	02	03	05	10
Scientific dairy farming	01	03	08	23	05	02	07	30
Clean milk Production	01	-	12	12	-	03	03	15
<b>Sheep and goat rearing</b>								
Goat Farming	01	15	-	15	05	-	05	20
<b>Piggery</b>								
Establishment of pig farm	02	40	-	40	20	-	20	60
Pig farming	01	20	-	20	10	-	10	30
<b>Poultry production</b>								
Poultry farming	01	08	08	16	02	02	04	20
<b>Composite fish culture</b>								
Composite fish culture	01	10	-	10	05	-	05	15
Integrated fish farming	01	12	-	12	03	-	03	15
Renovation of fish ponds	01	12	-	12	03	-	03	15
<b>Small scale processing</b>								
Vermicomposting	01	10	10	20	-	-	-	20
<b>Post Harvest Technology</b>								
Packaging of capsicum for safe transportation	01	08	-	08	02	-	02	10
<b>Entrepreneurial development</b>								
Entrepreneurial development For farmers /youths	03	20	20	40	10	10	20	60
<b>Tailoring and Stitching</b>								
Tailoring	02	-	10	10	-	05	05	15
Hand embroidery	02	-	15	15	-	05	05	20
Surfmaking	02	-	26	26	-	04	04	30
Macrame	01	-	10	10	-	05	05	15
Hand knitting	01	-	10	10	-	05	05	15
<b>TOTAL</b>	<b>45</b>	<b>445</b>	<b>159</b>	<b>604</b>	<b>135</b>	<b>61</b>	<b>196</b>	<b>800</b>

<b>(C) Extension Personnel</b>								
<b>Productivity enhancement in field crops</b>								
System of rice intensification	01	15	-	15	05	-	05	20
Export potential crop production-Basmati rice								20
	01	15	-	15	05	-	05	
<b>Integrated Pest Management</b>								
Biocontrol of pest and diseases	01	15	-	15	05	-	05	20
<b>Rejuvenation of old orchards</b>								
Biennial bearing in mango	01	17	-	17	03	-	03	20
Propagation techniques in Mango and guava	01	08	-	08	02	-	02	10
<b>Protected cultivation technology</b>								
Protective cultivation of vegetable crops	01	08	-	08	02	-	02	10

<b>Formation and Management of SHGs</b> Forming and management of SHGs	01	12	-	12	03	-	03	15
<b>Information networking among farmers</b> Information and communication intervention for TOT	01	12	-	12	03	-	03	15
<b>Management in farm animals</b> First Aid in animals	01	14	-	14	06	-	06	20
Zoonotic disease and its Preventive measures	01	14	-	14	06	-	06	20
Infertility management in dairy animals	01	08	-	08	02	-	02	10
<b>Production and use of organic inputs</b> Vermicomposting –Production and marketing	01	15	-	15	05	-	05	20
<b>Medicinal and aromatic plants</b> Cultivation of herbal plants and their uses	01	08	-	08	02	-	02	10
<b>Women empowerment</b> Low cost nutritious recipes for preschool children	01	-	10	10	-	-	-	10
Nutritious diet for pregnant ant lactating mothers	01	-	10	10	-	-	-	10
<b>TOTAL</b>	<b>15</b>	<b>161</b>	<b>20</b>	<b>181</b>	<b>49</b>	<b>00</b>	<b>49</b>	<b>230</b>
<b>Grand Total</b>	<b>133</b>	<b>1445</b>	<b>405</b>	<b>1850</b>	<b>419</b>	<b>135</b>	<b>554</b>	<b>2404</b>

**i) Farmers & Farm women**

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
08-09 Nov.	Practicing Farmer	Zero tillage for wheat cultivation	02	On Campus	16	-	16	04	-	04
10-11 Oct	Practicing Farmer	Agro-techniques of Lentil	02	On Campus	16	-	16	04	-	04
12-13 Mar	Practicing Farmer	Agro-techniques in Arhar crop	02	On Campus	16	-	16	04	-	04
22-23 June	Practicing Farmer	Agro-techniques of Til and Groundnut	02	On Campus	16	-	16	04	-	04
26-27 Sep	Practicing Farmer	Agro-techniques of Rai / Mustard cultivation	02	On Campus	16	-	16	04	-	04
2-3 July	Practicing Farmer	Lay out and planting of mango and guava orchard	02	On Campus	20	-	20	05	-	05
17-18 Oct	Practicing Farmer	Production of gladiolus and Tuberose for cut flowers	02	On Campus	20	-	20	05	-	05

2-3 Jan	Practicing Farmer	Propagation techniques of ornamental plants	02	On Campus	20	-	20	05	-	05
8-9 Aug	Practicing Farmer	Seed production technology of Coriander	02	On Campus	14	-	14	06	-	06
23-24 Apr	Practicing Farmer	Production and processing of Ginger and Turmeric	02	On Campus	20	-	20	05	-	05
3-4 Feb	Practicing Farmer	Integrated nutrient management in sugarcane	02	On Campus	15	-	15	05	-	05
8-9 Feb	Diary farmers	Management of milch animals	02	On Campus	12	03	15	03	02	05
19-20 Sep	Diary farmers	Production and Management practices of dairy animals	02	On Campus	08	08	16	02	02	04
3-4 Oct	Poultry farmers	Backyard poultry	02	On Campus	15	-	15	05	-	05
7-8 Nov	Piggery farmers	Care and management of piglets	02	On Campus	18	-	18	02	-	02
8-9 Mar	Diary farmers	Preventive measure of endo-and ecto parasitic infestation	02	On Campus	12	03	15	03	02	05
25-26 June	Diary farmers	Disease management in dairy animals	02	On Campus	15	-	15	05	-	05
18-19 July	Livestock owners	First aid in animals	02	On Campus	15	-	15	05	-	05
7-8 May	Diary farmers	Balance feeding of pregnant animals	02	On Campus	15	-	15	05	-	05
11-12 Oct	Farm women	Kitchen gardening	02	On Campus	-	15	15	-	05	05
23-24 July	Farm women	Design and development of low/ minimum cost diet	02	On Campus	-	15	15	-	05	05
20-21 May	Farm women	Gender mainstreaming through SHGs	02	On Campus	08	08	16	02	02	04
8-9	Farm women	Preparation of	02	On	-	12	12	-	03	03

Mar		milk based products		Campus						
29-30 Oct	Farm women	Preparation of milk based products	02	On Campus	-	15	15	-	05	05
4-7 Apr	Farm women	Fruits and Vegetable preservation	04	On Campus	-	10	10	-	05	05
4-5 July	Practising Farmer	Integrated pest management in Paddy	02	On Campus	16	-	16	04	-	04
15-16 Nov	Fish farmers	Integrated fish farming	02	On Campus	10	-	10	05	-	05
5-6 Jan	Fish farmers	Fish diseases and its control	02	On Campus	08	-	08	02	-	02
27-28 Apr	Fish farmers	Renovation & cleaning of fish pond	02	On Campus	15	-	15	05	-	05
18-19 June	Fish farmers	Composite fish culture	02	On Campus	15	-	15	05	-	05
19-20 Jan	Contract farmer	Leadership development	02	On Campus	30	-	30	05	-	05
29-30 Oct 16-17 Mar	Practising Farmer	Formation and management of SHGs	02	On Campus	30	-	30	05	-	05
7-8 Sep	Practising Farmer	Liaison of financial institution with growers for upletment of economic condition	02	On Campus	24	-	24	10	-	10
29-Dec	Practising Farmer	Weed management in wheat crop	01	Off Campus	12	-	12	03	-	03
4-May	Practising Farmer	Nursery Management in Paddy.	01	Off Campus	12	-	12	03	-	03
12-Mar	Practising Farmer	Green fodder availability round the year	01	Off Campus	12	-	12	03	-	03
13-Feb	Practising Farmer	Cultivation techniques of Napier grass.	01	Off Campus	12	-	12	03	-	03
6-Sep	Practising Farmer	Growing legume & non legume fodders	01	Off Campus	12	-	12	03	-	03
2-June	Practising Farmer	Vegetable nursery raising	01	Off Campus	11	-	11	04	-	04



		and management								
13-July	Practising Farmer	Layout and Management of mango orchards	01	Off Campus	12	-	12	03	-	03
20-Mar	Practising Farmer	Export potential of ornamental plants	01	Off Campus	12	-	12	03	-	03
7-Feb	Practising Farmer	Cultivation of Rose and Marigold	01	Off Campus	12	-	12	03	-	03
4-Aug	Practising Farmer	Post harvest management of cut flower	01	Off Campus	15	-	15	05	-	05
29-Oct	Practising Farmer	Curing of Turmeric and ginger	01	Off Campus	12	-	12	03	-	03
4-May	Practising Farmer	Soil testing for fertility management	01	Off Campus	15	-	15	03	-	03
15-Sep	Practising Farmer	Soil testing for fertility management	01	Off Campus	12	-	12	05	-	05
29-Nov	Dairy farmers	Balanced feeding in milch animals	01	Off Campus	20	-	20	05	-	05
17-Dec	Dairy farmers	Care and management of calves	01	Off Campus	20	-	20	05	-	05
30-Mar	Dairy farmers	Clean milk production	01	Off Campus	15	-	15	05	-	05
11-May	Dairy farmers	Pregnancy diagnosis	01	Off Campus	15	-	15	05	-	05
2-July	Dairy farmers	Care and management of dairy animals	01	Off Campus	12	-	12	03	-	03
6-Feb	Dairy farmers	FMD – and its preventive measures	01	Off Campus	20	-	20	05	-	05
9-Feb	Dairy farmers	Control measures of endo-parasitic infestation	01	Off Campus	10	08	18	05	02	07
5-Jan	Dairy farmers	Parasitic control in dairy animals	01	Off Campus	-	15	15	-	05	05
10-Aug	Dairy farmers	Control measures of endo-parasitic infestations	01	Off Campus	-	15	15	05	-	05

3-July	Dairy farmers	Control measures of Contagious diseases in dairy animals	01	Off Campus	-	12	12	-	03	03
13-Apr	Dairy farmers	Control of mastitis in animals	01	Off Campus	-	15	15	-	05	05
2-Nov	Farm women	Management of nutritional garden	01	Off Campus	-	15	15	-	05	05
7-May	Practising farmers	Techniques of storage loss minimization in wheat	01	Off Campus	12	-	12	03	-	03
6-Apr	Practising farmers	Storage of food grains	01	Off Campus	-	15	15	-	05	05
14-Dec	Farm women	Health care and balanced diet for preschool children	01	Off Campus	-	15	15	-	05	05
2-Feb	Farm women	Nutrition deficiency disease in human being	01	Off Campus	-	16	16	-	04	04
8-Aug	Farm women	Personal health and hygiene of farm women	01	Off Campus	-	11	11	-	04	04
4-Aug	Progressive farmers	Identification of pest, diseases and control in Paddy	01	Off Campus	15	-	15	-	-	-
10-Aug	Practising farmers	IPM techniques in rainy season vegetable	01	Off Campus	12	-	12	03	-	03
23-Feb	Practising farmers	Management of pest and diseases in sugarcane	01	Off Campus	12	-	12	03	-	03
3-Nov	Fish farmers	Parasitic control in fish.	01	Off Campus	15	-	15	05	-	05
6-Apr	Fish farmers	Measures during fish seed transportation	01	Off Campus	-	15	15	-	05	05
30-Mar	Contract farmer	Leadership development	01	Off Campus	15	-	15	05	-	05
22-Dec	Contract farmer	Entrepreneurial development of farmers/youths	01	Off Campus	15	-	15	05	-	05
<b>Total</b>			<b>73</b>	<b>839</b>	<b>226</b>	<b>1065</b>	<b>235</b>	<b>74</b>	<b>309</b>	<b>1374</b>

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

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			SC/ST participants		
				Male	Female	Total	Male	Female	Total
Mushroom Production	Mushroom Production	Production and marketing of Button Mushroom	01	22	03	25	03	02	05
Bee-keeping	Bee-keeping	Bee keeping and marketing of honey	01	15	05	20	05	05	10
Crop production	Integrated farming	Production of export potential crop: Basmati rice	01	16	-	16	04	-	04
Crop production	Seed production	Seed Production in wheat	01	16	-	16	04	-	04
Crop production	Vermi-culture	Vermi-composting & Vermi-culture	01	10	10	20	-	-	-
Horticulture	Protected cultivation of vegetable crops	Protected cultivation of vegetable crops	01	20	-	20	05	-	05
Agri. Engg	Repair and maintenance of farm machinery and implements	Repair & maintenance of farm implements	01	15	-	15	05	-	05
Horticulture	Nursery Management of Horticulture crops	Nursery enterprise of ornamental plants	01	20	-	20	05	-	05
Horticulture	Value addition	Preservation of fruit and vegetable	01	10	05	15	05	05	10
Livestock production	Dairying	Scientific dairy farming	02	40	08	48	10	02	12
Livestock production	Sheep and goat rearing	Goat Farming	01	15	-	15	05	-	05
Livestock production	Piggery	Pig farming	03	60	-	60	30	-	30
Livestock production	Poultry production	Poultry farming	01	08	08	16	02	02	04
Fisheries	Composite fish culture	Composite fish culture	01	10	-	10	05	-	05
Fisheries	Composite fish culture	Integrated fish farming	01	12	-	12	03	-	03
Home science	Small Scale income	Tailoring	02	-	10	10	-	05	05

	generating enterprises								
Home science	Tailoring and Stitching	Hand embroidery	02	-	15	15	-	05	05
Home science	Small Scale income generating enterprises	Hand knitting	01	-	10	10	-	05	05
Home science	Small Scale income generating enterprises	macrame	01	-	10	10	-	05	05
Home science	Entrepreneurial development	Surf making	02	-	26	26	-	04	04
Horticulture	Medicinal and aromatic plants	Satavar cultivation	01	15	05	20	05	05	10
Agri. Ext.	Entrepreneurial development	Entrepreneurial development of farmers/ youths	03	20	20	40	10	10	20
<b>Total</b>			<b>45</b>	<b>445</b>	<b>159</b>	<b>604</b>	<b>135</b>	<b>61</b>	<b>196</b>

#### Training programme for extension functionaries

Date	Clientele	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
1- Apr	Kisan Sahayak	System of rice intensification	01	On	15	-	15	05	-	05
20- Apr	Kisan Sahayak	Export potential crop production- Basmati rice	01	On	15	-	15	05	-	05
11- July	Kisan Sahayak	Biocontrol of pest and diseases	01	On	15	-	15	05	-	05
9- Jan	Horticulture inspectors	Biennial bearing in mango	01	On	17	-	17	03	-	03
13- June	Horticulture inspectors	Propagation techniques in Mango and guava	01	On	08	-	08	02	-	02
19- Sep	Horticulture inspectors	Protective cultivation of vegetable crops	01	On	08	-	08	02	-	02
2-	Kisan	Forming and	01	On	12	-	12	03	-	03

Jan	Sahayak	management of SHGs								
16-Jan	Kisan Sahayak	Information and communication intervention for TOT	01	On	12	-	12	03	-	03
11-Nov	Stockman	First Aid in animals	01	On	14	-	14	06	-	06
21-Apr	Vet. Officer	Zoonotiv disease and its Preventive measures	01	On	14	-	14	06	-	06
17-Aug	Vet. Officer	Infertility management in dairy animals	01	On	08	-	08	02	-	02
8-Oct	Kisan Sahayak	Vermicomposting –Production and marketing	01	On	15	-	15	05	-	05
26-Nov	Horticulture inspectors	Cultivation of herbal plants and their uses	01	On	08	-	08	02	-	02
17 - Oct	Health workers and Anganwadies	Nutritional diet for pregnant and lactating	01	On	-	10	10	-	-	-
14 Dec	Anganwadies	Low cost nutrient recipies for preschool children	01	On	-	10	10	-	-	-
<b>Total</b>			<b>15</b>	<b>161</b>	<b>20</b>	<b>181</b>	<b>49</b>	<b>00</b>	<b>49</b>	<b>230</b>

### Sponsored Training Programmes

Sl. No	Title	The mat ic area	Mo nth	Durat ion (days )	Clie nt PF/RY/EF	No. of courses	No. of Participants						Sponsoring Agency	
							Male		Female		Total			
							Othe rs	SC/ ST	Oth ers	SC/ ST	Oth ers	SC/ ST		To tal
1.	Sponsored training programme will be organized as per the requirement of sponsoring agency					30	1000	150	40	10	200	50	1450	ATMA, NABARD, RBB, Line Departments, NGOs, etc

**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	300	200	500	-	-	-	300	200	500
Kisan Mela	01	1500	500	2000	-	-	-	1500	500	2000
Kisan Ghosthi	14	100	100	500	-	-	-	300	100	400
Exhibition	08	300	200	500	-	-	-	300	200	500
Film Show	60	700	200	900	100	-	100	800	200	1000
Method Demonstrations	30	400	100	500	100	-	100	500	100	600
Farmers Seminar	04	50	50	100	-	-	-	50	50	100
Workshop	04	50	50	100	-	-	-	50	50	100
Group meetings	12	50	50	100	-	-	-	50	50	100
Lectures delivered as resource persons	60	3000	200	3200	250	50	300	3250	250	3500
Newspaper coverage	20	Mass								
Radio talks	30									
TV talks	20									
Popular articles	15									
Extension Literature	10									
Advisory Services	2000	1600	200	1800	150	50	200	1750	250	2000
Scientific visit to farmers field	20	150	50	200	-	-	-	150	50	200
Farmers visit to KVK	80	4000	600	4600	400	100	500	4400	700	5100
Diagnostic visits	25	110	-	110	-	-	-	110	-	110
Exposure visits	08	95	35	130	-	-	-	95	35	130
Ex-trainees Sammelan	02	100	-	100	-	-	-	100	-	100
Soil health Camp	02	100	-	100	-	-	-	100	-	100
Animal Health Camp	20	2000	-	2000	-	-	-	2000	-	2000
Soil test campaigns	08	400	-	400	-	-	-	400	-	400
Farm Science Club Conveners meet	04	150	50	200	-	-	-	150	50	200
Self Help	10	100	200	300	-	-	-	100	200	300

Group Conveners meetings										
Celebration of important days (specify)	06	400	100	500	-	-	-	400	100	500
News Letter	02	700	100	800	175	25	200	875	125	1000
<b>Total</b>	<b>2485</b>	<b>16550</b>	<b>2785</b>	<b>19540</b>	<b>1175</b>	<b>225</b>	<b>1400</b>	<b>17730</b>	<b>3310</b>	<b>20950</b>

### Target for Production and supply of Technological products

#### SEED MATERIALS

Sl. No.	Crop	Variety	Quantity (qtl.)
<b>Cereals</b>	Wheat	PBW-373 Unnat Halana	50 qt
	Paddy	P-S.-4 Pusa-1460	50 qt
<b>Oilseeds</b>	Rai/Mustard	Basanti	1.0 qt
	Til	Shekhar	0.50 qt
<b>Pulses</b>	Lentil	DPL-15 DPL-62	2.50 qt
	Arhar	UPAS-120 Pusa	4.00 qt
<b>Vegetables</b>	Garlic	Yumna safed-2	5(qtl.)
<b>Spices</b>	Turmaric	Pant Pitabh	5(qtl.)
<b>Total</b>			<b>118 qt</b>

#### Planting Materials

Sl. No.	Crop	Variety	Quantity (Nos.)
FRUITS	Mango	Dhashari	1000
		lungra	1000
		Bambai hara	1000
	Guava	L-49	1000
		All.safeda	1000
VEGETABLES	Chili	--	2000
	Brinjal		2000
	Tomato		2000
	Cauliflower		2000
	Cabbage		2000
	Broccoli		2000
	Knol-khol		2000
	Capsicum		1000
ORNAMENTAL CROPS	Rajnigundha	--	5000 bulbs
	Gladiolus		1000 bulbs
<b>Total</b>			<b>26,000</b>

**Bio-products**

Sl. No.	Product Name	Species	Quantity	
			No. (families)	(kg)
1.	Vermicompost	-	200	10000
2.	Earthworms	<i>Eicinia foetida</i>	20	40