KRISHI VIGYAN KENDRA, SIPAYA, GOPALGANJ
Dr. RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIVERSITY
2nd EXTENSION EDUCATION COUNCIL REPORT
(April, 2017 to March, 2018)

1. Achievements of training programmes

A. Practicing farmers/Farm women.

Sl. No	Discipline	Thematic area	Target	No. of Training conducted	No. of Beneficiaries		Total
					Male	Female	
1.	Crop production (Agro/ Plant Breeding/ Soil Sci)	Cultivation of crop	9	8	217	7	224
		Post harvest technology	1	1	70	0	70
		Production of organic inputs	1	1	23	3	26
		Nursery Management	1	1	22	2	24
		Weed management	2	2	45	5	50
		Fertilizer management	4	3	84	0	84
		Water Management	2	4	129	2	131
		Cropping system	4	3	88	2	90
		RCT	2	2	44	2	46
2.	Plant Protection	IPM	13	14	354	18	372
		IDM	9	5	126	8	134
		I.P.M/ IDM	3	3	80	6	86
		Mushroom Production	0	1	55	7	62
3.	Vet. & A.H.	Dairy Management	1	2	68	0	68
		Disease Management	4	3	79	6	85
		Feed Management	2	2	50	10	60
		Production of quality animal product	1	1	28	5	33
		Goat Farming	0	2	41	11	52
		Total	**59**	**58**	**1603**	**94**	**1697**

B. Rural youth.

Sl. No	Discipline	Thematic area	Target	No. of Training conducted	No. of Beneficiaries		Total
					Male	Female	
1.	Crop production (Agro/ Plant Breeding/Soil Sci.)	Value Addition	2	2	44	6	50
		Small Scale Processing	1	1	22	3	25
		Vermiculture	1	1	25	0	25
		Compost	0	1	25	0	25
		Integrated Farming	1	3	77	7	84
2.	Plant Protection	Vermiculture	1	1	20	2	22
		Production of biocontrol agents	1	1	22	3	25
		IPM and IDM	1	0	0	0	0
		Protected cultivation	1	0	0	0	0
		Mushroom Prodn.	1	3	98	22	120
		Bee Keeping	1	0	0	0	0
3.	Vet & A.H.	Goat Production	1	1	18	3	21
		Dairying	1	0	0	0	0
		Poultry Production	1	0	0	0	0
Total			**14**	**14**	**351**	**46**	**397**

C. Extension functionaries

Sl. No	Discipline	Thematic area	Target	No. of Training conducted	No. of Beneficiaries		Total
					Male	Female	
1.	Crop production (Agro/ Plant Breeding/ Soil Sci.)	Productivity enhancement of field crop	2	2	104	0	104
		INM	1	0	0	0	0
		Integrated Farming	0	1	13	8	21
		Production and use of organic input	1	0	0	0	0
2.	Plant Protection	IPM	3	4	134	8	142
		Vermiculture	1	0	0	0	0
3.	Vet. & AH	Disease management	1	0	0	0	0
Total			**9**	**7**	**251**	**16**	**267**

D. Other Sponsored training programme :

Sl. No	Title & Sponsoring Agency	Target	No. of Training	Duration (days)	No. of Beneficiaries		Total
					Male	Female	
1.	Technique of Neera Production and Processing (ATMA)	PF	1	1	110	5	115
2.	Management of store grain pests (ATMA)	PF	1	1	5	200	205
3.	Scientific cultivation of sugarcane (Sugar Mill)	PF	1	1	190	10	200
4.	Scientific cultivation of Kharif crops (ATMA)	EF	1	1	220	8	228
5.	Scientific cultivation of Kharif crops (ATMA)	PF	1	1	161	10	171
6.	Scientific cultivation of rabi crops (ATMA)	PF	1	1	317	5	322
7.	Scientific cultivation of sugarcane (Sugar mill)	PF	3	3	570	0	570
8.	Use of different farm implements for land preparation and sowing of rabi crops (ATMA)	EF	1	2	216	7	223
9	IPM in cucurbitaceous vegetables (Distt. Ag.)	PF	1	1	95	0	95
10	Role of different equipments in application of different formulation of	EF	1	1	250	0	250

	pesticides for effective control of pest and diseases (ATMA)						
11.	Farm Mechanization (ATMA)	EF	1	1	350	50	400
12.	Scientific cultivation of summer crops (ATMA)	PF	1	1	350	50	400
		Total	**14**	**15**	**2834**	**345**	**3179**

2. Front Line Demonstration (Give out the gist of FLD)

Crop	Variety/ Technology demonstrated	Season Kharif/ Rabi	Area (ha)	No. of Demo	Demo yield qt/ha			Yield of check	Increase Yield (%)	BC ratio
					H	L	A			
CFLD										
Green Gram	PDM 139	Summer	10	25	10	7.5	8.5	7.0	21.4	2.9
Pigeon Pea	Pusa 9	Kharif	20	50	18	12	15	10	50.0	2.95
Lentil	HUL 57	Rabi	30	75	16	10	13	8.8	47.7	1.98
Rape seed	R. Suflam	Rabi	50	125	16	13.5	14.7	8.5	72.9	2.96
Pigeon pea	NDA 1	Kharif	10	25	Result awaited					
Rape seed	R. Suflam	Rabi	50	125	Result awaited					
Lentil	HUL 57	Rabi	10	25	Result awaited					
FLD										
Wheat	HD 2824	Rabi	10	25			45.9	36.9	24.5	2.95
Paddy	CO 51	Kharif	10	25	48.5	42.5	45.5	38.6	17.9	1.85
Berseem	Mescavi	Rabi	2	16	700	560	670	550	21.8	2.68
Oats	Kent	Rabi	2	13	600	130	530	450	17.7	2.65
Mineral mixture	Trace minerals	-	-	20	9 L milk/day			8.0 L/day	12.5	3.75
Wheat	HD 2733	Rabi	16	40	49.6	45.6	47.6	39.8	19.6	1.82

FLD : IPM

Crop	Technology demonstrated	Area (ha)	No. of demo	Top Borer incidence (DH%)		Yield (q/ha)		% increase yield	BC ratio
				Demo	Check	Demo	Check		
Sugar-cane	Fipronil 0.3 GR	4	10	9.78 (18.24)	20.51 (26.92)	61.46	43.79	40.35	3.14

*Figures in parentheses are arcsine transform value, D.H- Dead Heart Local price of Sugarcane yield@ Rs 3000/ton, Market price of regent (Fipronil 0.3 GR)@Rs100/kg.

3. On Farm Trials

OFT 1

Discipline : Agronomy
Title : Yield maximization in wheat crop
Crop : Wheat
No. of Trials : 7 replications, 4 treatments
Area : plot size 500 m^2

Treatment	Technology
Farmers' Practice	Imbalance use of chemical fertilizer
T_1	Recommended dose of NPK +Zn (25 kg/ha) + S (20 kg/ha)
T_2	Recommended dose of NPK +Zn (25 kg/ha) + B (10 kg/ha)
T_3	Recommended dose of NPK +Zn (25 Kg/ha) +S (20 Kg/ha) + B (10 kg/ha)

Result:

Treatment	No. of trials	No. of spikes	No. of grains /spike	Test wt. (g)	Yield q/ ha	Gross cost (Rs./ha)	Gross return (Rs./ha)	Net return (Rs./ha)	BC ratio
P.F	7	69.50	31.00	38.40	39.50	26500	64187	37687	1.42
T_1		83.33	34.00	41.25	42.40	27400	68900	41500	1.51
T_2		82.67	35.00	42.10	44.30	26900	71987	45087	1.67
T_3		87.33	38.00	42.35	47.33	27800	76911	49111	1.76
SEm		1.59	1.04	0.92	0.81				
CD (P=0.05)		4.76	3.12	2.77	2.44				

Result: use of recommended dose of NPK +Zn (25kg/ha)+S (20kg/ha) and B (10kg/ha) resulted in highest no. of spikes per meter row length (87.33), no. of grain per spike (38.00), test weight (42.35g) and yield (47.33Kg/ha). The Net return (Rs 49111.25) and BC ratio (1.76) was also highest in comparison to the other treatments. The wheat yield can be maximized by balance use of chemical fertilizers.

OFT 2

Discipline : Plant Protection
Title : Management of brinjal shoot and fruit borer
Crop : Brinjal
No. of Trials : 10
Area : plot size: 250$m^{2,}$ Area: 1 ha

Treatment	Technology
Farmers' Practice	Foliar application of chlorpyriphos 20 EC @1.5 ml/L water.
T_1	Foliar application of Nimbicidine 0.15 % @ 4.0 ml/L water followed by Indoxacarb 14.5 SC @ 1.0 g/L of water at 15 days interval
T_2	Removal of infested shoots and fruits followed by foliar application of Spinosad 45 EC @ 0.5 ml/L water at 15 days interval
T_3	Removal of infested shoots and fruits followed by Emamectin benzoate 5 SG @ 0.25 ml/L water at 15 days interval.

Result:

Treatment	No. of trials	Mean shoot damage (%)	Mean fruit damage (%)	Yield q/ ha	Gross return (Rs/ha)	Cost of cultivation (Rs/ha)	Net return	BCR
Farmers Practice	10	16.73 (24.12)*	19.62 (26.28)	144.58	144580	85672	58908	1.68
T_1		13.13 (21.22)	14.75 (22.63)	151.65	151650	70635	81015	2.15
T_2		11.26 (19.64)	12.53 (20.70)	162.37	162370	68435	93935	2.37
T_3		12.17 (20.44)	13.86 (21.89)	153.41	153410	67342	86068	2.28
Sem(±)		0.254	0.397	2.127				
CD(P=0.05)		0.762	1.189	6.382				

*Figure in parentheses are arcsine transform values

OFT 3

Discipline : Plant Protection
Title : Management of white fly in tomato
Crop : Tomato
No. of Trials : 10
Area : plot size: 250$m^{2,}$ Area: 1 ha

Treatment	Technology
Farmers' Practice	P.F: Farmers were generally used dimethoate 30EC@2.0ml/lt of water
T_1	Spraying with Spiromecifen 240SC@1.0ml/lt of water followed by Thiomethoxam 25 WG@0.25ml/lt of water at 15 dsay interval
T_2	Spraying with Imidacloprid 17.8 SL@ 0.25ml/lt of water followed by Difentheuron 50 WP@1.0 gm/lt of water at 15 days interval
T_3	T.O-3: Spraying with Chlorfenapyr 10SC@0.25ml/lit of water followed by Acetamiprid 20 Sp@1.0g/lit of water at 15 days interval

Result:

Treatment	No. of trials	No. of white fly/Plant	Diseases incidence (TLCV%)	Yield (q/ ha)	Gross return (Rs/ha)	Cost of cultivation (Rs/ha)	Net return	BCR
P.F	10	12.68 (3.63)	40.51 (39.52)	98.42	118104	87653	30451	1.35
T_1		4.52 (2.24)	24.16 (29.47)	144.96	173952	71024	102928	2.44
T_2		5.47 (2.44	31.23 (33.96)	134.38	161256	74172	87084	2.17
T_3		4.86 (2.32)	28.37 (32.20)	138.27	165924	72815	93109	2.28
Sem(±)		0.324	1.385	3.281	-	-	-	-
CD(P=0.05)[		0.972	4.156	9.847	-	-	-	-

*Figure in parentheses are arcsine transform values
Market price of tomato fruit yield @ Rs 1200/quintal

4. Seed Production at KVK Farm

Sl. No.	Crop	Variety	Area (ha)	Expected seed produced (q)	Type of Seed
1.	Wheat	HD 2824	5.0	236.0	FS I
2.	Wheat	HD 2824	1.0	40.0	FS II
3.	Gram	BG 372	0.5	7.92	FS
4.	Paddy	CO 51	6.0	122.2	TS
5.	Green Gram	PDM 139	1.0	4.20	
6.	Cowpea	Kashi Kanchan	1.0	4.26	TL
7	Sugarcane (Ratoon)	COP 2061	1.0	145	-
8.	Sugarcane main (Sugar mill)	COP 2061	1.0	566.35	-
9.	Rapeseed	R. Suflam	-	9.0 (expected)	TL
10.	Pea	HFP 4	0.5	10.0 (expected)	BS
11.	Gram	BG 372	1.0	9.0 (expected)	FS
11.	Wheat	HD 2733	2.0	Under process	BS
12.	Wheat	HD 2733	4.0	Under Process	FS

5 (A) Production of planting materials at KVK

Sl. No.	Plant/Crop	Varieties	No./Weight	Total Income (Rs.)
1.	-	-	-	-

(B)Planting materials supplied to Govt. agencies.

Sl. No.	Crop/Plant	Receipt Unit	No. of sapling supplied	Total income (Rs.)
1.	-	-	-	-

6. Vermiculture and other products at KVK level.: 75 q used at farm

7. Status of revolving fund: Rs. 30,76,550

8. Sale of Publications: Nil

9. A) Other Extension activities

Sl. No.	Name of Ext. Activities	No. of activities	Beneficiaries		
			Male	**Female**	**Total**
1.	Kisan Mela	3	1360	0	1360
2.	Kisan Gosthi	11	1307	7	1314
3.	Field Day	10	647	0	647
4.	Farmers visit to KVK	814	814	0	814
5.	Scientist visit to farmers field	441	441	0	441
6.	Mobile services	0	0	0	0
7.	Animal health camp	2	100	0	100
8.	Exposure visit	2	140	0	140
9.	Lecture Delivered as resource person	8	574	0	574
10.	Mahila kisan Diwas	1	0	35	35
	Total	1292	5383	42	5425

(B) TV Talk/Radio Talk: Nil

10. Other salient achievement/activities conducted at KVK.: Nil.

11. List of visitors at KVK

Date	Name & Designation	Purpose of visit
05.04.2017	1. Dr. S.B. Mishra, Chief Scientist, DRPCAU 2. Dr. Ravikant, Jr. Scientist, DRPCAU 3. Dr. A.K. Mishra DRPCAU	Seed Monitoring Team
26.05.2017	1. Dr.A.K.Singh, DDG (Ag.Extension), ICAR 2. Dr. K.M. Singh, DEE, Dr.RPCAU, Pusa 3. Dr. Brajesh Shahi, Nodal officer, KVKs, Dr.RPCAU, Pusa	KVK Visit
22.06.2017	1. Dr.K.M. Singh, DEE, Dr.RPCAU, Pusa, 2. Dr. Brajesh Shahi, Nodal Officer, KVKs, DRPCAU 3. Dr. K.K. Jha, PC, KVK, East Champaran Dr.RPCAU, Pusa	SAC meeting
13.07.2017	Dr.K.K. Sinha, Head Agronomy, Dr. I.B. Pandey, Agronomist,Dr. S.B. Mishra, Breeder, Dr. RPCAU, Pusa	FLD Programme
17.03.2018	Hon. M.P. Gopalganj, Janak Ram	Live telecast of Hon. PM

12. Participation in National Conference, Sumer/Winter school, Workshop, Training programme etc.

Name of Scientist	Nature of Programme	Title	Venue	Date
Dr. Ramakrishna Roy	Workshop	Zonal workshop of KVKs	CIARI, Port Blair	14th-16th April, 2017
Dr. Ramakrishna Roy	Meeting	Pre-EEC meeting	Dr. RPCAU, Pusa	5th May, 2017
Dr. Ramakrishna Roy	Meeting	EEC meeting	Dr. RPCAU, Pusa	11th May, 2017
Dr. Ramakrishna Roy	Brainstorming meet	Gender and Social Issues in Bihar Agriculture	Dr. RPCAU, Pusa	8th-9th May, 2017
Dr. Rajendra Prasad	Meeting	CFLD meeting	ICAR-RCER, Patna	20th June, 2017
Dr. Sunil Kumar Mandal	Training cum Demonstration	Training cum demonstration on soil testing kit	ICAR-RCER, Patna	5th July, 2017
Dr. Rajendra Prasad	Training	"Empowering Rural Youth through Agripreneurship"	BAU, Sabour	5th-25th August, 2017
Dr. Sunil Kumar Mandal	Meeting	Regional Research and Extension Advisory Committee meeting	TCA, Dholi	8th August, 2017
Dr. Ramakrishna Roy	Meeting	Seed Review meeting	TCA, Dholi	15th September, 2017
Dr. Ramakrishna Roy	Rabi Mahabhiyan sah Mahotsav	State level Rabi Mahaabhiyan sah Mahotsav	BAMETI, Patna	5th-6th October, 2017
Dr. Ramakrishna Roy	Rabi Karmshala sah Training	Commissionary level Rabi karmshala sah training	Commissionary office, Chapra	10th October, 2017
Dr. Ramakrishna	Meeting	Doubling Farmers' income	ICAR-RCER, Patna	23rd October,

Roy				2017
Dr. Rajendra Prasad	Meeting	Seed Review meeting	TCA, Dholi	23rd October, 2017
Dr. Rajendra Prasad	Training	Soil testing	Dr. RPCAU, Pusa	3rd-10th January, 2018
Dr. Ramakrishna Roy	Meeting	CFLD	ATARI, Patna	8th-9th January, 2018
Dr. Ramakrishna Roy	Conference	Birth Anniversary celebration of Kisan Call Centre	BAMETI, Patna	21st January, 2018
Dr. Ramakrishna Roy	Meeting	mKrishi meeting	ICAR-RCER, Patna	7th February, 2018
Dr. Mohd. Sajid Hussain and Shri Sanjay Kumar	Training	Automatic plant disease detection	ICAR-RCER, Patna	19th February, 2018
Mr. Ravikant Kumar	Training	Farm Management	ICAR-IIFSR, Meerut	6-10th March, 2018
Dr. Ramakrishna Roy	Meeting	ZREAC meeting	TCA, Dholi	12th March, 2018
Dr. Ramakrishna Roy	Conference	National Conference of KVKs	IARI, Delhi	16-17th March, 2018

Live telecast of Hon. P.M.

Hon. DDG (Ag. Ext.), ICAR

Famers' visit to KVK

Scientist interacting with EF

Joint visit for problem of grain setting in maize

Goat farming trainees

Farm Visit by Scientists of DRPCAU

PF training in session

Soil Day celebration at KVK

FLD on moong

FLD on fodder (Oats)

Training on intercropping in sugarcane

ACTION PLAN
(April. 2018 to March, 2018)

A. Practicing farmers/ farm women: Crop Production

Thematic Area	Title	Duration (days)	No. of Participants				
			SC	Others	Total		
					M	F	T
Cultivation of Crop	Scientific cultivation of summer moong	1	6	19	20	5	25
	Ratoon management in sugarcane	1	5	20	20	5	25
	Scientific cultivation of spring sugarcane	1	5	20	20	5	25
	Scientific cultivation of kharif maize	1	5	20	20	5	25
	Technique of raising paddy in SRI method	1	5	20	20	5	25
	Cultivation technique of Kharif Arhar	1	5	20	20	5	25
	Scientific cultivation of Autumn sugarcane	1	5	20	20	5	25
	Modern technique for raising wheat crop.	1	5	20	20	5	25
	Cultivation technique of Rabi maize.	1	5	20	20	5	25
	Cultivation practices in Rabi pulses.	1	5	20	20	5	25
	Cultivation technique of Rabi oilseed.	1	5	20	20	5	25
Post harvest technology	Post harvest technique for Rabi crops	1	5	20	20	5	25
Nursery management	Methods of nursery raising of paddy	1	5	20	20	5	25
Fertilizer management	Fertilizer management in kharif paddy	1	5	20	20	5	25
	INM in wheat crop	1	5	20	20	5	25
	INM in sugarcane inter cropping system	1	5	20	20	5	25
Water management	Methods of irrigation in Rabi crops	1	5	20	20	5	25
	Water management in spring sugarcane	1	5	20	20	5	25
	Water management in	1	5	20	20	5	25

	Kharif crops						
Weed management	Weed management in rabi crops	1	5	20	20	5	25
	Weed management technique in kharif paddy	1	5	20	20	5	25
Production of organic inputs	Methods of vermicompost production.	1	5	20	20	5	25
	Green manuring in Rice-wheat cropping system	1	5	20	20	5	25
Cropping system	Intercropping in autumn sugarcane	1	5	20	20	5	25
	Different IFS models for small and marginal farmers for doubling income	1	5	20	20	5	25
	Crop diversification for higher income	1	5	20	20	5	25
Resource Conservation technology	zero tillage method of wheat sowing	1	5	20	20	5	25
	Micro irrigation in sugarcane	1	5	20	20	5	25
	Direct seeded paddy production technique	1	5	20	20	5	25
Total		29	146	579	580	145	725

A. Practicing farmers/ farm women: Plant Protection

Thematic Area	**Title**	**Duration (days)**	**No. of Participants**				
			SC	**Others**	**Total**		
					M	**F**	**T**
I.P.M.	Management of insect pest of cucurbitaceous vegetables	1	5	20	23	2	25
I.D.M	Disease management of cucurbitaceous vegetables	1	4	21	21	4	25
I.P.M. and I.D.M	Insect pest and diseases management of moong	1	3	22	22	3	25
	Management of insect pest and mosaic diseases in okra	1	4	22	23	3	26
	Management of insect pests and diseases in maize.	1	5	21	22	4	26
I.P.M	Management of store grain pests of cereals and pulses	1	6	19	21	4	25
	Management of insect pests of mango and litchi	1	5	19	22	2	24
	Insect pest management in Paddy	1	6	18	20	4	24

I.D.M	Management of diseases in tomato and chilli	1	4	21	22	3	25
I.P.M	Insect pests management in brinjal	1	6	18	22	2	24
	Management of insect pests of paddy	1	5	20	22	3	25
	Insect pest management of guava	1	4	21	21	4	25
	Insect pests management in sugarcane	1	4	20	22	2	24
	Management of insect pests of Arhar	1	6	19	20	5	25
I.D.M	Diseases management in paddy	1	10	22	28	5	32
	Diseases management in sugarcane	1	7	26	29	4	33
	management of insect pests in Maize	1	5	21	22	4	26
	Importance of seed treatment in Rabi crop production	1	8	20	22	6	28
IPM	Management of insect pests in Cole crops	1	4	22	23	3	26
	Management of insect pests and diseases in mustard crops	1	6	19	21	4	25
IDM	Disease management in wheat	1	5	21	24	2	26
	Management of early and late blight diseases in potato	1	4	24	22	6	28
I.P.M	Insect pest management of cowpea	1	2	23	23	2	25
	Insect pest and disease management in Rabi maize	1	4	24	24	4	28
	Total	**24**	**125**	**525**	**561**	**90**	**650**

A. Practicing farmers/ farm women: Animal Science

Thematic Area	Title	Duration (days)	No. of Participants				
			SC	Others	Total		
					M	F	T
Dairy management	Reproductive problems in cattle	2	5	20	-	-	25
Feed management	Year round fodder production	1	5	15	-	-	20
Disease management	Vaccination in cattle	1	5	20	-	-	25
Disease management	Bio security	1	5	20	-	-	25
Disease management	Control of parasitic diseases in dairy animals	1	5	20	-	-	25
Disease management	Vaccination in goat	1	5	20	-	-	25
Feed management	Feeding of Sheep and Goat	1	5	20	-	-	25
Production of quality animal product	Hygienic Milk Production	1	5	20	-	-	25
Total		**9**	**40**	**155**	**-**	**-**	**195**

B. Rural Youth: Agronomy

Thematic Area	Title	Duration (days)	No. of Participants				
			SC	Others	Total		
					M	F	T
Seed production	Seed production technique in cereals crop.	3	5	20	20	5	25
	Seed production technique in sugarcane	3	5	20	20	5	25
Cropping system	Different IFS models for small and marginal Farmers for doubling of farm income	5	5	20	20	5	25
	Crop diversification for higher income	3	5	20	20	5	25
Nursery Management	Technique of raising nursery of different crops for income generation	3	5	20	20	5	25
Production of organic inputs	Techniques of vermicomposting for income generation	3	5	20	20	5	25
Total		**20**	**30**	**120**	**120**	**30**	**150**

B. Rural Youth: Plant Protection

Thematic Area	Title	Duration (days)	No. of Participants				
			SC	Others	Total		
					M	F	T
Vermi culture	Organic farming of vegetable	3	8	20	24	4	28
IPM	Storage technique of different crops	2	5	20	20	5	25
IPM and IDM	Crop health management	4	7	18	21	4	25
Mushroom Production	Mushroom Production	4	5	20	22	3	25
Bee keeping	Bee keeping	4	4	22	20	6	26
Total		**17**	**33**	**121**	**129**	**25**	**154**

B Rural Youth: Animal Science

Thematic Area	Title	Duration (days)	No. of Participants				
			SC	Others	Total		
					M	F	T
Dairying	Cattle production	4	5	10	10	5	15
Goat Rearing	Goat Production	4	5	15	10	5	20
Poultry Production	Poultry Production	4	5	10	10	5	15
Total		**12**	**15**	**35**	**30**	**15**	**50**

C. Extension functionaries: Agronomy

Thematic Area	Title	Duration (days)	No. of Participants				
			SC	Others	Total		
					M	F	T
Cropping system	IFS model for higher income	3	5	20	20	5	25
	crop diversification for income generation	2	5	20	20	5	25
INM	integrated nutrient management in Rabi crops	1	5	20	20	5	25
RCT	Zero tillage in wheat	1	5	20	20	5	25
	Direct seeded technique of paddy production	1	5	20	20	5	25
Total		**8**	**25**	**100**	**100**	**25**	**125**

C. Extension Functionaries: Plant Protection

Thematic Area	Title	Duration (days)	No. of Participants				
			SC	Others	Total		
					M	F	T
I.P.M	IPM of Kharif crops	2	6	24	26	4	30
	I.P.M of vegetables crops	2	3	22	25	-	25
	IPM of Rabi crops	2	4	22	23	3	26
IPM	Storage technique of different crops	2	5	28	29	4	33
Total		**8**	**18**	**96**	**103**	**7**	**114**

C. Extension Functionaries: Animal Science

Thematic Area	Title	Duration (days)	No. of Participants				
			SC	Others	Total		
					M	F	T
Disease management	Avian Infulenza	03	5	10	-	-	15
Total		03	5	10	-	-	15

D. Front line demonstration.

Season	Crop	Variety	No. of demonstration	Area (ha)
Summer 2018	Green gram	PDM-139	25	10
	Sorghum	MP Chari	20	2.0
	Green gram	Difenthron	25	10
	Mushroom	Oyster	25	-
Kharif	Paddy	Sahbhagi	50	20
Rabi 2018-19	Wheat	HD 2967	25	10
	Lentil	KL 5218	25	10
	Oats	Kent	20	2.0
	Berseem	Mescavi	20	2.0
	Brinjal	Spinosad 45EC	20	04
	Tomato	Thiomethoxam 25WG	20	04

E. CFLD demonstration

Season	Crop	Variety	No. of demonstration	Area (ha.)
Kharif 2018	Pigeonpea		50	20
Rabi 2018-19	Lentil	KL 2018	25	30
	Rapeseed	R. Suflam	125	50
Summer 2019	Green gram	PDM 139	25	10

F. Seed and planting material production.

Crop	**Area**
Paddy	6.0 ha
Sugarcane	2.0 ha
Wheat	6 .0 ha
Pea	1.0 ha
Gram	1.0 ha
Green Gram	2.0 ha

G. Extension Activities

Activities	**No.**	**Participants**
Field days	10	500
Kisan Mela (including sponsored)	10	1000
Kisan Gosthi	10	200
News paper	5	0
Publication	4	0
Scientist visit to farmers field	48	150
Farmers visit to KVK	450	450
Diagnostic visits	12	50
Animal Health Camps	2	50
Celebration of important days	1	50
Total	552	2450

H. On Farm trials to be conducted:

Discipline	Thematic Area	Title	Treatments	No. of farmers
Agronomy	Crop Production	Selection of suitable intercrop in autumn planted sugarcane for higher income generation	F.P:1. Sole sugarcane 2. sugarcane +Potato (1:2) 3.Sugarcane +Rajmash (1:2) 4. Sugarcane +Lentil (1:2) 5. Surgarcane + coriander (1:2)	5
		Selection of suitable variety of short duration paddy under upland condition	F.P.: irrigated crop production T.O-1: Prabhat T.O-2: Sahbhagi T.O-3: R. Bhagwati T.O-4: CO-51	5

Plant Protection	I.D.M	Assessment of different fungicides against false smut disease of paddy (Rajendra Bhagwati)	FP: Seed treatment with carbandazim@2gm/kg seed T.O.1: Seed treatment withcarbendazim@2gm/kg seed + foliar spray of mancozeb@3gm/lit of water at 50% or 100% panicle emergence TO. 2: ST with carbendazim@ 2gm/kg seed + Kresoxim methyl (Ergon 44.3 sc w/w)@0.5gm/lit of water at 50% or 100% panicle emergence. TO3: Seed treatment with carbendazim @ 2gm/kg seed + Trifloxystrobin 25% + Tebuconazole 50% (Native 75 WG @0.4gm/lit of water at 50% or 100% panicle emergence.	4
Plant Protection	I.P.M.	Management of Pod borer in pigeon-pea	F.P.: Monocrotophos 36SL@1000ml/ha T.O-1: Fipronil 5 SC@750ml/ha T.O-2: Thiodicarb 75WP@500g/ha T.O-3: Novaluron 10 EC@800ml/ha	4

Animal Science	Poultry Management	Evaluation of suitable variety for rural backyard poultry	F.P. : Desi birds T.O. 1: Vanaraja variety T.O. 2: Kuroiler variety	20

I. Scientific Advisory Committee

Date of SAC meeting held during 2017-18	**Proposed date**
22.06.2017	28.06.2018