PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2016-March-2017) APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	30	768	50	818
Rural youths				
Extension functionaries				
Sponsored Training				
Vocational Training				
Total	30	768	50	808

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	17	6.8	
Pulses	50	20	
Cereals			
Vegetables			
Other crops			
Hybrid crops			
Total			
Livestock & Fisheries			
Other enterprises			
Total			
Grand Total	67	26.8	

3. Technology Assessment & Refinement

Category	No. of Technology Assessed & Refined	No. of Trials	No. of Farmers
Technology Assessed			
Crops			
Livestock			
Various enterprises			
Total			
Technology Refined			
Crops			
Livestock			
Various enterprises			
Total			
Grand Total			

4. Extension Programmes

-	•	Total Participants
Extension activities	34	1512
Other extension activities		
Total	34	1512

5. Mobile Advisory Services

			Type of Messages					
Name of KVK	Message Type	Crop	Livestoc k	Weather	Marke- ting	Aware -ness	Other enterpris e	Total
KVK,	Text only							
Pokara	Voice only	250	5	15	7		13	390
n	Voice & Text both							
	Total Messages							
	Total farmers Benefitted	250	5	15	7		13	390

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)		
Planting material (No.)		
Bio-Products (kg)		
Livestock Production (No.)		
Fishery production (No.)		

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil		
Water		
Plant		
Total		

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	1
2	Conferences	
3	Meetings	12
4	Trainings for KVK officials	
5	Visits of KVK officials	
6	Book published	
7	Training Manual	
8	Book chapters	
9	Research papers	
10	Lead papers	
11	Seminar papers	
12	Extension folder	4
13	Proceedings	
14	Award & recognition	
15	Ongoing research projects	

DETAIL REPORT OF APR-2016-17

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
Krishi Vigyan Kendra, Pokaran	Office	FAX	kvkpokaran@gmail.com
C/o Urmul Marushthali Bunkar	9414627676	02994-222511 (PP)	
Vikas Samittee, Near RTDC	(M)		
Mid way, Pokaran			

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

Invaline and address of host organization with phone; tax and e-mail						
Address	Telephone	Telephone				
	Office	FAX				
Dr. B. R. Chhipa,	0151-2250443	0151-2250336	vcrau@raubikaner.org			
Hon'ble Vice.Chancellor,	0151-2250529 (R)					
Swami Keshwanand Rajasthan						
Agricultural University, Bikaner						
(Rajasthan)						
Dr. P.L. Nehra	0151-2251122	0151 - 2251122	dee@raubikaner.org			
Director (Extension Education),	0151-2253173 (R)					
Directorate of Exension Education,						
Swami Keshwanand Rajasthan						
Agricultural University, Bikaner						

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

Name	Telephone / Contact		ntact
Dr. K.D.Khiriya,	Residence	Residence Mobile I	
Programme Coordinator (O/I),	9414627676 (Mob)	9414627676	kvkpokaran@gmail.com
Krishi Vigyan Kendra, Pokaran			
(Jaisalmer)			

1.4. Year of Sanctioned:

		F.No.13-12/2009/AE-
1.	Letter no. & date by which KVK was sanctioned by ICAR	I,
		dt: 31 March 2012
2.	Month & year of Inception of the KVK	March 2012-13

1.5. Staff Position (as on 30th March, 2017)

SI. No.	Sanctioned post	Name of the incumbent	Design- ation	Discip- line	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Perman- ent /Temp- orary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Programme Coordinator	Dr. K.D. Khiriya	Professor	Agronomy	37400- 67100	67450	16.04.12	Perman- ent	OBC	9414627676	58	
2	Subject Matter Specialist											
3	Subject Matter Specialist											
4	Subject Matter Specialist											
5	Subject Matter Specialist											
6	Subject Matter Specialist											

Subject Matter Specialist											
Programme Assistant											
Computer Programmer	Rajveer singh	LDC	-	5200- 20200	12860	21.07.2015	Perman- ent	OBC	9828987555	32	
Farm Manager											
Accountant / Superintendent											
Stenographer											
Driver	Budharam	Driver	-	5200- 20200	11160	18.11.2016	Permanent	SC	9928633010	48	
Driver											
Supporting staff	Himmat singh	CL-IV	-	5200- 20200	11490	May, 2012	Permanent	GEN	9983488107	52	
Supporting staff	Gulab singh	CL-IV	-	5200- 20200	12180	March, 2014	Permanent	GEN	8094354233	50	
	Specialist Programme Assistant Computer Programmer Farm Manager Accountant / Superintendent Stenographer Driver Driver Supporting staff Supporting	Specialist Programme Assistant Computer Programmer Rajveer Singh Farm Manager Accountant / Superintendent Stenographer Driver Budharam Driver Supporting Staff Supporting Supporting Gulab	Specialist Programme Assistant Computer Programmer Rajveer Singh Farm Manager Accountant / Superintendent Stenographer Driver Budharam Driver Driver Supporting Supporting Supporting Supporting Supporting Supporting Gulab CL-IV	Specialist Programme Assistant Computer Programmer Rajveer Singh Farm Manager Accountant / Superintendent Stenographer Driver Budharam Driver Supporting Supporting Supporting Supporting Supporting Gulab CL-IV -	Specialist	Specialist	Specialist	Specialist	Specialist	Specialist	Specialist

^{*}Budha ram driver deputed at COA Bikaner ** Gulab Singh CL IV Deputed at KVK Jaisalmer

1.6. Total land with KVK (in ha) : 12.8 Ha (80 Bigha)

S. No.	Item	Area (ha)
1	Under Buildings	
2.	Under Demonstration Units	
3.	Under Crops	
4.	Orchard/Agro-forestry	
5.	Others (specify)	

1.7. Infrastructural Development:

A) Buildings

		Source			Stag	ge		
S.		of		Complete			Incomplete	Э
No.	Name of building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative	ICAR	Work in					
	Building		Progress					
2.	Farmers Hostel							
3.	Staff Quarters (6)							
4.	Demonstration Units (2)							
5	Fencing							
6	Rain Water harvesting system							
7	Threshing floor							
8	Farm godown							

B) Vehicles

S.	Type of Vehicle	Year of	Cost (Rs.)	Total Km	Present Status
No		Purchase		Run	ļ
1.	Tractor (RJ-15 RA 4087)	2012-13	4.40 lakh	220 hr	Running
2.	Bolero (RJ-15 UA 1165)	2013-14	8.00 lakh	54788 km	Running

C) Equipment's & AV aids

S.	Head of Account	No.	Date of	Purchase Amount	Present Status
No.			Purchase		
1.	Digital Camera	1	2012-13	10000/-	Running
2.	Multi-Purpose Printer	1	2012-13	9990/-	Running
3.	Desktop Computer	1	2015-16	40898/-	Running
4.	Printer	2	2015-16	16057/- / 46948/-	Running
5.	Photo State Machine	1	2015-16	120330/-	Running
6.	Digital Camera	1	2015-16	32500/-	Running
7.	Laptop	1	2015-16	46104/-	Running
8.	R. O. With Water Cooler	1	26.03.17	79850.00	Running
9.	Air Conditioner (split)	2	26.03.17	78900	Running

1.8. A). Details SAC meeting* conducted in the year

SI.Ńo.	Date	Name and	Salient Recommendations	Action taken
		Designation of Participants		
1.	20.03.2017	Anjana Meghwal Zila Pramukh Jaisalmer	Creat awareness among the farmers regarding new agricultural technology related to water conservation and organic farming.	In Progress
2.		Dr Subhash Balwda Dy. Dir. DEE SKRAU, Bikaner	Need to popularize the seed treatment techniques, Integrated Farming System and residual effect of chemical fertilizers and pesticides. Also conduct an OFT On management of nematode in Pomegranate.	In Progress
3		Dr Deen Dayal Ojha Sr Literaturate Jaisalmer	Promote the native guggal cultivation and kummat gum production technology in jaisalmer areas.	In Progress
4		Dr Ramji Lal Meena Joint Dir. Deptt. Of A.H. Jaisalmer	Create awareness and popularize the A.I. & castration of male bull cattle and feeding system to improve the tharparkar cattle breed and milk production in Jaisalmer.	In Progress
5		Sh R. S. Narwal Dy Dir. Deptt. Ogf Agriculture Jaisalmer	Popularise the importance, scope and benefits of Naturally organic farm product in Jaisalmer District areas.	In Progress
6		Dr Venkteshwar Scientist RRS Cazri Jaisalmer	Develop a guggal Demonstration unit at the centre.	In Progress
7		Sh Atma Ram progressive farmer of Jaisalmer	Increase the productivity of farmers through salt resistant varieties of crops.	In Progress
8		Sh Jethu Singh progressive farmer of Jaisalmer	Newly released variety of crops should be incorporate in FLD.	In Progress
9		Dr Anil patidar Scientist RRS Cazri Jaisalmer	Crops which were Low water requirement should be popularize in Jaisalmer.	In Progress
10		Sh Ram Gopal Beniwal Cecoedecon NGO Jaisalmer	Training should be organize according to need of farmers Of jaisalmer District.	In Progress
11		Dr Julious Uchoi Scientist RRS Cazri Jaisalmer	Develop a demonstration unit of Horticultural crops at the Centre.	In Progress

2. DETAILS OF DISTRICT (2016-17)

Jaisalmer, the largest district of the rajasthan as well as in the India located in the western part with an area of 38,401 sq kms. The district falls in the agro climatic zone IC i.e. hyper arid partially irrigated western plain. Average annual rainfall is only 160 mm and erratic in nature, high temp & high wind velocity is the common feature of this area. Therefore, it is very difficult to harvest the grain crop during the kharif season. Farmers of this area are forced to rear cattle sheep & goat because of capability of much of the land is to sustain grassland alone. The district has been identified to have only one micro farming situation as rainfed, verylow rainfall (160 mm) sand dunes with undulating interdunal depression.

➤ Sub Division :2 (Jaisalmer And Pokaran)

Tehsil
 Panchyat Samiti
 (Jaisalmer, Fatehgarh And Pokaran)
 (Jaisalmer, Sam And Sankada)

➤ Gram Panchyat : 140

➤ Town : 2 (Jaisalmer And Pokaran)

➤ Village :807

➤ Municipality :2 (Jaisalmer And Pokaran)

LITERACY PERCENTAGE:

Male : 66.89 %
 Female : 32.25 %
 Average Literacy : 51.40 %
 Rajasthan Literacy : 60.40 %

TOTAL POPULATION:

S.	Population	Men	Women	Total Population
No.		363346	308662	672008
1	Male/Female Ratio (Female/1000 Males)	1000	900	

1. MAJOR FARMING SYSTEMS/ENTERPRISES (basic on the analysis made by the kvk):

S.	Farming System/	CHARACTERISTICS	
No.	Enterprise	KHARIF	RABI
1.	Irrigated	Groundnut, Guar,	Mustard, Cumin, Wheat,
		Bajra, Moong	Gram, Isbgol
2.	Rainfed	Guar, Bajra, Moth	Gram, Taramira

2. DESCRIPTION OF AGRO.CLIMATIC ZONE & MAJOR ECOLOGICAL SITUATION (BASED ON SOIL AND TOPOGRAPHY):

SN	Agro Climatic Zone	Characteristics
1.	Zone Ic Hyper Arid Partially Irrigated Western Plain	
SN	Ecological Situations	Characteristics
1.	Arid Eco System	Hot Desert, Low Rainfall, High Temperature & High Wind Velocity

3. SOIL TYPE/S:

S.No.	Soil Type	Characteristics
1.	Sandy / Sandy Loam	Low Water Holding Capacity & Low Fertility

4. AREA, PRODUCTION AND PRODUCTIVITY OF MAJOR CROPS CULTIVATED IN THE DISTRICT:

S.No.	Crop	Area (Ha)	Production (qtl)	Productivity (Kg/ha)
1.	KHARIF			
A.	Bajra	825	1650	200
B.	Guar	244740	734220	300
C.	Moth	2950	8850	300
D.	Groundnut	27330	560260	2050
E.	Moong	37400	187000	500
F.	Castor	4500	50400	1120
G.	Til	2940	7350	250
2.	RABI			
A.	Mustard	109740	1097400	1000
B.	Cumin	42710	234900	550
C.	Gram	160200	1842300	1150
D.	Isbgol	37010	240560	650
E.	Wheat	28240	706000	2500
F.	Barley	1310	34710	2650
G.	Taramira	420	2310	550

^{*} Agriculture department, Jaisalmer

5. WEATHER DATA:

S.		Tempera	ature	Relative H	Iumidity	Rainfall	Rainy	Wind
No.	Month	Maxi	Mini	I	II	(mm)	Days	Speed (km/h)
1	January	24.7	5.6	66	31	0.0	0	3.08
2	February	28.3	6.5	43	15	0.0	0	3.69
3	March	33.7	13.5	54	22	0.0	0	6.00
4	April	39.2	17.6	39	14	0.0	0	7.00
5	May	42.9	22.6	55	20	9.0	1	14.69
6	June	42.2	22.9	55	28	36.8	2	13.03
7	July	38.6	23.1	68	39	26.4	2	14.5
8	August	36.4	21.5	76	46	165.6	2	9.3
9	September	37.2	19.8	69	34	0.0	0	9.9
10	Octaber	36.4	17.7	66	25	0.0	0	5.7
11	November	31.4	8.9	51	17	0.0	0	2.7
12	December	25.6	5.0	46.5	18	0.0	0	3.5

^{*} Source –RRS CAZRI Jaisalmer

6. PRODUCTION AND PRODUCTIVITY OF LIVESTOCK, POULTRY AND FISHERIES IN THE DISTRICT:

S.No.	Category	Population	Production	Productivity
1.	Cattle	243094	-	-
	Crossbred	-	-	-
	Indigenous	-	-	-
2.	Buffalo	2181	-	-
3.	Sheep	890191	-	-
	Crossbred	-	-	-
	Indigenous	-	-	-
4.	Goats	588000	-	-
5.	Pigs	1427		
	Crossbred	-	-	-
	Indigenous	-	-	-
6.	Rabbits	-	-	-
7.	Poultry	9548		
8.	Hens	-	-	-
9.	Desi	-	-	-
10.	Improved	-	-	-
11.	Ducks	2		
12.	turkey And Others	-	-	-
13.	Camel	36952	-	-
			1	

^{*} Animal Husbandry Statistics Data 2003, District Statistics Department, Jaisalmer

S.No.	Category	Area	Production	Productivity
1.	Fish	-	-	-
2.	Marine	-	-	-
3.	Inland	-	-	-
4.	Prawn	-	-	-
5.	Scampi	-	-	-
6.	Shrimp	-	-	-

6. DETAILS OF OPERATIONAL AREA/ VILLAGES (2016-2017):

S.	Taluka	Name of	Name of The	Major Crops &	Major	Identified
No.		The Block	Village	Enterprises	Problem	Thrust Area
					Identified	
1.	Pokaran	Pokaran	Lathi, Ajasar,	Groundnut,	low yield in	Crop
			Chhayan, Barth	Bajra, Castor,	Kharif crop	Management
			ka gaon, Madva,	Moth, Guar,	under	(Moisture
			Badli, Ramdevra,	Mustard,	Raifed	Conservation)
			Ujla, Rajmathai,	Isbgol, Cumin	Areas	
			Baniyana,	Wheat		
			Phalsond			

2.	Fatehgarh	Fatehgarh	Devikot, Sangad,	low yield in	
			Chelak, Devra,	Kharif crop	
			Fatehgarh, Rama		

7. THRUST AREA IDENTIFIED THROUGH PRA OR ANY OTHER METHOD:

Looking to the agro climatic condition and inventorisation of physical and human resource of district, the following thrust area has been identified.

- 1. Dissemination of dry land technology for pearl millet and other kharif crops, especially on moisture conservation and plant protection measures.
- 2. To improve crop productivity through.
 - 1. Improve soil fertility by compost & green manuring.
 - 2. Introduction of improved varieties, bio-fertilizer, line sowing and other cultural practices in respect of rain-fed crops like bajra, moong, guar and til and rabi crops like wheat, mustard, cumin, isbgol and tara mira.
- 3. To improve technique of rain water harvesting, cannal and underground water recharge.
- 4. To promote use of minerals & vitamins to enhance productivity of cattle & sheep.
- 5. To increase milk production and reduce calving interval in cattle.
- 6. Dissemination of the concept of agro forestry and soil conservation technology.
- 7. Upliftment of social & economic status of down trodden classes through vocational trainings.
- 8. Introduction of remunerative crops viz. cumin, mustard, isbgol and fenugreek (methi) and their high yielding varieties.

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2016-17

OFT (1	echnology Asses	ssment and	Refinement)	F	LD (Oilseeds, Pu Crops/En	Ises, Cottor terprises)	n, Other		
	1				2				
Num	Number of OFTs Total no. of Trials			A	rea in ha	Numbe	ber of Farmers		
Targets	Achievement	Targets	Targets Achievement		Achievement	Targets	Achievement		
	Nil			26.8	26.8	67	67		

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
Num	ber of Cour	30 34 Courses Number of Number of Number of Participants activities				of participants		
Clientele	Targets	Achieveme			Targets	Achiev	Targets	Achieveme
		nt	s	nt	ement			nt
Farmers	30	30	818	818	34	34	1429	1429
Rural youth								
Extn. Functionaries			92	92 92		34	83	83
·								

	Seed Production	(Qtl.)	Planting material (Nos.)			
	5		6			
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers	

I. A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various Crops by KVKs

Thematic areas	Crop	Name of the technology assessed	No. of trials	No. of farmers
Integrated Nutrient M anagement				
Varietal Evaluation				
I de la				
Integrated Pest M anagement				
Integrated Crop Management				
integrated Crop Wanagement				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Farm Machineries				
Integrated Farming System				
Integrated Laming System				
Seed / Plant production				
•				
Post-Harvest Technology / Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
others (1 i. specify)				
Total	1 1			
			•	

Summary of technologies assessed under livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology assessed	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

Summary of technologies assessed under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

I.B. TECHNOLOGY REFINEMENT

Summary of technologies refined under various Crops by KVKs

Thematic areas	Crop	Name of the technology refined	No. of trials	No. of farmers
Integrated Nutrient Management				
Varietal Evaluation				
Integrated Pest Management				
Integrated Crop Management				
Integrated Disease Management				
Small Scale Income Generation Enterprises				
Weed Management				
Resource Conservation Technology				
Farm Machineries				
Integrated Farming System				
Seed / Plant production				
Value addition				
Drudgery Reduction				
Storage Technique				
Others (Pl. specify)				
Total	I I			

Summary of technologies refined under various livestock by KVKs

Thematic areas	Name of the livestock enterprise	Name of the technology refined	No. of trials	No. of farmers
Disease Management				
Evaluation of Breeds				
Feed and Fodder management				
Nutrition Management				
Production and Management				
Others (Pl. specify)				
Total				

Summary of technologies refined under various enterprises by KVKs

Thematic areas	Enterprise	Name of the technology assessed	No. of trials	No. of farmers

I. C. TECHNOLOGY ASSESSMENT AND REFINEMENT IN DETAIL

(From each state please include the full details of three OFTs on technology assessment and or refinement under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)

(The model for preparing the same is furnished below)

II. FRONTLINE DEMONSTRATION

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous year and popularized during 2015-16 and recommended for large scale adoption in the district

	Crop/			Details of	Horizontal	spread of tecl	hnology
S. No	Enterprise	Thematic Area*	Technology demonstrated	popularization methods suggested to the Extension system	No. of villages	No. of farmers	Area in ha
1	Cumin	Improved seed	POP	Field day, kishan gosthi, farmers meeting, Extension Literature	8	90	250
2	Cluster bean	Improved seed	POP	Field day, kishan gosthi, farmers meeting, Extension Literature	16	280	500
3	Gram	Improved seed	POP	Field day, kishan gosthi, farmers meeting, Extension Literature	15	250	300
4	Wheat	Improved seed	POP	Field day, kishan gosthi, farmers meeting, Extension Literature	20	350	510
5	Mustard	Improved seed	POP	Field day, kishan gosthi, farmers meeting, Extension Literature	10	250	350

^{*} Thematic areas as given in Table 3.1 (A1 and A2)

b. Details of FLDs implemented during 2016-17 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

S. N.	Crop	Themat ic area	Technology Demonstrate	Season and year	Area	(ha)	_	No. of farmers/ demonstration				
			d		Propos ed	Actual	SC/ST	Other	Total	shortf all in achiev ement		
1	Groundnut		HNG-69	Kharif 2016-17	6.8	6.8	5	12	17			
2	Green gram		IPM02-03	Kharif 2016-17	10	10	10	20	30			
3	Gram		GNG-1581	Rabi 2016-17	10	10	3	17	20			

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Sta	itus of soi	I	Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
	Š	Fa sit (RF/I	So	N	Р	K	P. C.	Sow	当 ⁻	Serrainfa	
Ground Nut	Kharif- 16	Irrigated	S & SL	L	М	M	Mustard	2nd week of july	2nd week of Nov.	228.8	6
Green Gram	Kharif- 16	irrigated	S & SL	L	M	M	cumin	1st week of Augu st	2 nd week of oct	228.8	6
Gram	Rabi- 16-17	Irrigated/ Rainfed	S & SL	L	M	M	Fallow/ Cluster bean	1st week of Nove mber	1st week of April	0	0

Technical Feedback on the demonstrated technologies

S. No	Feed Back
 Green gram 	High yielding, Resistant to YVMV
2. Groundnut	High yield & short duration
3. Gram	High yield, Light yellowish colour, multiple branching and resistance to root rot

Farmers' reactions on specific technologies

S. No	Feed Back
 Green gram 	Farmers like this variety due to high yield & synchronize in maturity
Groundnut	Farmers like this variety due to high yield & short duration
3. Gram	Farmers like this variety due to high yield, Light yellowish colour, multiple branching and resistance to root rot

Extension and Training activities under FLD

SI. No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	3	25.09.2016 and 08.03.2017	58	
2	Farmers Training	3	21-22.06.2016, 02-03.07.2016 and 26- 27.10.2016	87	
3	Media coverage	3	23.06.2016, 04.07.2016 and 26.10.2016		
4	Training for extension functionaries				

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

C	Thematic	technology	Variata	No. of	Area			eld (q/ha)		%	Econ	omics of d (Rs./	emonstrati ha)	ion	Б	conomics (Rs./l	of check na)	
Crop	Area	demonstrated	Variety	Farmers	(ha)	High	Dem	o Average	Check	Increase in yield	Gross Cost	Gross Return	Net Return	BCR	Gross Cost	Gross Return	Net	BCR
Groundnut		Improoved seeds	HNG-60	17	6.8	50.0	31.2	Average 42.77			32921	=			27975		:	
Groundriat		improoved seeds	1110-09	1 /	0.0	30.0	31.2	42.77	30.01	33.12	32321	100911	130990	3.38	21913	131023	103040	4.71
																		ļ
Sesamum																		
Sesamun																		
Mustard																		
																		<u></u>
Toria							<u> </u>											
топа																		
Linseed																		
LIIISEEU																		
																		ļ
Sunflower																		
Out II low G																		
					<u></u>		ļ											<u></u>
Soybean																		
	1	1	•	!		!		:	1	!	!	!			:		i	•

^{*} Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

_	Thematic	technology		No. of	Area	na Demo				% Increase	=	omics of d (Rs./	lemonstra /ha)	tion	E	conomics (Rs.	of check /ha)	
Crop	Area	demonstrated	Variety	Farmers	(ha)				Check	in yield	Gross	Gross	_Net	BCR	Gross	Gross	_Net	BCR
						High	Low	Average			Cost	Return	Return	(R/C)	Cost	Return	Return	(R/C)
Pigeonpea																		
Blackgram																		
C		language de a de	IDMOO	30	40	20	7.	40.5	0.07	25.40	42000	70537.5	F7444 4	5.39	40700	50000	44207	4.83
Greengram		Improoved seeds	IPM02- 03	30	10	20	7.5	13.5	9.97	35.40	13096	70537.5	5/441.1	5.39	10786	52093	41307	4.83
Chickpea		Improoved seeds	GNG- 1581	20	10	30	10.0	17.64	13.05	35.17	19400	88200	68800	4.55	18090	65250	47160	3.61
								- -										
			•															
Fieldpea																		
			•															
Lentil																		
I lava a succes																		
Horsegram																		
			<u>.</u>	<u> </u>		<u> </u>	<u> </u>	- - -		<u> </u>				<u> </u>				

^{*} Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Other crops

Category & Crop	Thematic	Name of the	ne No. of A	Area		Yi	eld (q/ha)		% Change in Yield	Ot Parar	her neters	Econo	mics of o	demonstı /ha)	ration	Econ	omics of	check (F	ঙ./ha)
Crop	Area	technology	Farmers	(ha)	High	Dem Low	o Average	Check	in Yield	Demo	Check	Gross Cost	Gross	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cereals																			
Paddy														· [
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Waterlogged																			
Situation																			
Coarse Rice																			
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Scented Rice													<u> </u>	· [
Occined Nice																			
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Wheat																			
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Wheat Timely																			
sown																			
																			!
Wheat Late														·					
Sown																			
												•	•						
Mandua																			ĺ
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													<u> </u>						
Barley													<u>.</u>						
Dai ie y																			
									: :		<u> </u>	<u></u>	<u>.</u>	· [!			<u> </u>
Maize																			
												•							
Amaranth																			
																			
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Millets														
Jow ar	 									 				<u></u>
Bajra					 		***************************************							
Barnyard														
Barnyard millet														
Finger millet													 	
riliger illiller														

Vegetables														
Bottlegourd					 									
Bottlegoula														
														(
Bittergourd														
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				 	 					 		 !		
Cowpea										 			 	
Cowpea														
Spongegourd														
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Petha														
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Tomato														
TOITIALO														
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Frenchbean														
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Capsicum														
Chilli														
Cillii				 	 Ī					 	.I		 	<u> </u>

Perinja	<u> </u>	<u></u>	<u> </u>		<u> </u>	y	<u>.</u>	,	<u>-</u>				ų	,	<u> </u>	·	<u> </u>	<u></u>	<u> </u>	10
Pergetable per Perget				.	•	•	I :		:			Ē	1		!	Ē	I :			
Binja				·		•						·:	•		!	<u>:</u>				
Vegetable pea Softgourd Okra Colocasia (Avv) Froccoll Cucumber Coriender Coriender Cotender Coten																<u></u>				
Vegetable pea Softgourd Okra Colocasia (Avv) Froccoll Cucumber Coriender Coriender Cotender Coten	Brinjal																			
Soltgourd Okra Colocaela (Arvi) Broccoli Cucumber Cucumber Cucumber Corindor C				:	<u> </u>	Ī						:	Ī		<u> </u>	:			:	
Soltgourd Okra Colocaela (Arvi) Broccoli Cucumber Cucumber Cucumber Corindor C						į	į						į			į				
Soltgourd Okra Colocaela (Arvi) Broccoli Cucumber Cucumber Cucumber Corindor C					Ē	<u> </u>							<u> </u>		Ī	<u> </u>				
Soltgourd Okra Colocaela (Arvi) Broccoli Cucumber Cucumber Cucumber Corindor C	Vegetable pea																			
Okra Colocasia (Arv) Forcoil Cucumber Cucumber Coriender Cabbage Cauliflower Cauliflower Cauliflower Couliflower Conserved to the control of the																				
Okra Colocasia (Arv) Broccoll Cucumber Cucumber Coriender Cabbage Cauliflower Cauliflower Couliflower Couliflowe													į			<u> </u>				
Okra Colocasia (Arv) Broccoll Cucumber Cucumber Coriender Cabbage Cauliflower Cauliflower Couliflower Couliflowe				.	•	•	I :		:			Ē	1		!	Ē	I :			
Okra Colocasia (Arv) Broccoll Cucumber Cucumber Coriender Cabbage Cauliflower Cauliflower Couliflower Couliflowe												·								
Okra Colocasia (Arv) Broccoll Cucumber Cucumber Coriender Cabbage Cauliflower Cauliflower Couliflower Couliflowe	8 -11																			
Okra Colocasia (Arv) Forcoil Cucumber Cucumber Coriender Cabbage Cauliflower Cauliflower Cauliflower Couliflower Conserved to the control of the	Sortgoura																			
Colocasia (Arvi) Broccoli Cucumber Cucumber Coriender Coriender Cabbage Cauliflower Calliflower Convercrops				1			I									•				
Colocasia (Arvi) Broccoli Cucumber Cucumber Coriender Coriender Cabbage Cauliflower Calliflower Convercrops																Ī				
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Colocasia (Arvi) Broccoli Cucumber Cucumber Coriender Coriender Cabbage Cauliflower Calliflower Convercrops												•				•				
Colocasia (Arvi) Broccoli Cucumber Cucumber Coriender Coriender Cabbage Cauliflower Calliflower Convercrops	Okra			: :								:			:					
Broccoil Cucumber Cucumber Coriender Coriender Cauliflower Cauli	<u> </u>			ļ							ļ	į				ļ			ļ	
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Broccoil Cucumber Cucumber Coriender Coriender Cauliflower Cauli	Calagoria			<u> </u>						***************************************		<u> </u>	····			<u> </u>				
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Broccoil Cucumber Cucumber Coriender Lattuce Cauliflower Caulifl	(Arvi)																			
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Cucumber Onion Coriender Lettuce Cabbage Cauliflower Bephant fruit Flower crops													<u> </u>			<u>:</u>				
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Cucumber Onion Coriender Lettuce Cabbage Cauliflower Bephant fruit Flower crops	Broccoli											: :								
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Coriender Coriender Continuer Cauliffower Cauliffower																•				
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Lettuce Cabbage Cauliflower Flower crops Cabbage C				ļ							ļ	į			ļ	į			ļ	
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Lettuce Cabbage Cauliflower Flower crops Cabbage C				ļ	ļ							ļ	ļ		ļ	<u> </u>				
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Cabbage Cauliflower Bephant fruit Flower crops	Lettuce																			
Cauliflower Flower crops																				
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Cauliflower Flower crops			<u> </u>	<u>:</u>	: !	<u>:</u>					: 	: 	<u> </u>		: 	: 	<u> </u>			
Cauliflower Flower crops	Cabbage														[
Elephant fruit Flower crops												<u>:</u>	•			<u>:</u>				
Elephant fruit Flower crops				: :		.	<u>[</u>					<u>:</u>	<u>:</u>			<u> </u>				
Elephant fruit Flower crops												•								
Elephant fruit Flower crops	Cauliflower			:								:			:					
Flower crops	Caamowe			1			I									•				
Flower crops													<u> </u>							
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Flower crops				<u>:</u>	<u> </u>				· · · · · · · · · · · · · · · · · · ·			·	÷		:	<u> </u>				
Flower crops				<u>:</u>	<u> </u>	<u> </u>							į			<u> </u>				
Flower crops	⊟ephant fruit																			
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	Flower crops				:							:				:				
Marigold and a second s	i lower crops																			
Marigold Samuel													<u> </u>							
	Marigold																			
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Tuberose																	
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Gladiolus																	i
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Fruit crops		ļ	ļ			 			 				!				<u> </u>
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Mango																	
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Strawberry						 			 				<u> </u>				
Straw Derry																	
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Guava																	}
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Banana																	
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Bonovo						 			 				ļ				<i>[</i>]
Papaya				<u></u>		 			 			[į				
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Muskmelon						 											
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Watermelon																	
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Colora A						 			 								I
Spices & condiments																	
condiments																	
Ginger	<u></u>					 			 								
Cirigoi	į		:			 			 								
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Garlic																	
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Turmeric	<u> </u>								 								
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Commercial	i																
Crops																	
Crops																	
Sugarcane																	1
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Potato										
Medicinal &										ĺ
aromatic plants										
Mentholment	 	 		 	 		 	 		
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Kalmegh										
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Ashwagandha								 		
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Fodder Crops Sorghum (F)					 	 	 	 		
Sorghum (F)	 				 		 			<u> </u>
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Cowpea(F)										
Cowpea(I)			 	 	 		 	 		
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Maize (F)							 			İ
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Lucern										
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Parasam		 	 		 	 	 	 		
Berseem										
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Oat (F)										
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^{*} Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Livestock

Category	Thematic area	Name of the technology	No. of Farmer	No.of Units (Animal/	Major pa	arameters	% change				ics of dem				conomics (Rs	i.)	
		demonstrated		Poultry/ Birds, etc)	Dem o	Check	in major parameter	Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net	BCR (R/C)
Cattle																	
	•••••																
Buffalo																	
Buffalo Calf																	
Darraio Gan																	
Dairy																	
Poultry																	
Sheep & Goat																	
oncep a coat																	
										•		•					
Vaccination																	
										<u>.</u>							

^{*} Economics to be worked out based total cost of production per unit area and not on critical inputs alone. ** BCR= GROSS RETURN/GROSS COST

FLD on Fisheries

Category	Thematic	Name of the technology	No. of	No.of	Major pa	rameters	% change in major	Other pa	rameter	Econor	nics of der	nonstratio		(R	sofcheck s.)	
oate gor y	area	demonstrated	Farmer	units	Demons ration	Check	parameter	Demons ration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Return	Net Return	BCR (R/C)
Common Carps																
									•••••					 		
Composite fish culture																
													••••••			
Feed Manageme nt																

^{*} Economics to be worked out based total cost of production per unit area and not on critical inputs alone.

** BCR= GROSS RETURN/GROSS COST

FLD on Other enterprises

Category	Name of the technology	No. of Farmer	No.of units	Majorpara		in major	Other p	arameter	Econom	ics of dem		(Rs.) or			s of check Rs./unit	
	demonstrated			Dem o	Check	parameter	Dem o	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
Button Mushroom																
Button Wushroom																
Apiculture																
Maize Sheller																

Value Addition								
Verm i Compost								

FLD on Women Empowerment

Category	Name of technology	No. of demonstrations	Name of observations	Dem onstration	Check

FLD on Farm Implements and Machinery

	Name of the	Crop	Technology	No. of	Area	Major	Filed obs		% change	Labo	r reduction	ı (man day	s)		Cost red	uction	
	im plement		demonstrated	Farmer	(ha)	parameters	(output/m	an hour)	in major					(Rs.	./ha or Rs	./Unit etc	.)
							Dem o	Check	parameter	Land	Sow ing	Weedin	Total	Land	Labour	Irrigati	Total
										preparation		g		preparati		on	
														on			
i.																	

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Thematic area	Name of the technology		Yield	l (Kg)	% change	Other p	oarameters	Ecor	nomics of o (Rs.	demonstrat /ha)	tion	E	conomics (Rs./		
		demonstrate d		Demons ration	Check	in yield	Dem o	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)

FLD on Demonstration details on crop hybrids (Details of Hybrid FLDs implemented during 2016-17)

	tochnology	Hubrid	No. of	Aroo		Yield (q/h	na)		9/ Inoroppo	Econo	mics of demo	onstration (Rs	./ha)
Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	High	Dem o Low	Average	Check	% Increase in yield	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oilseed crop													
					•			[
Pulse crop													
													:
Cereal crop													
Cereal crop													
													: !
													j
Vegetable crop													
Fruit crop													
													•
				<u></u>				<u></u>					:
Other (specify)													

Note: Remove the Enterprises/crops which have not been shown

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of				I	Participant	ts			
	courses		Others			SC/ST			Frand Tota	
I Com Do do d'on		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production Weed Management				0			0	0	0	0
Resource Conservation Technologies				0			0	0	0	0
Cropping Systems				0			0	0	0	0
Crop Diversification				0			0	0	0	0
Integrated Farming				0			0	0	0	0
Micro Irrigation/irrigation				0			0	0	0	0
Seed production				0			0	0	0	0
Nursery management				0			0	0	0	0
Integrated Crop Management	3	62	1	63	24	0	24	86		87
Soil & water conservatioin	3	02	1	0	24	U	0	0	0	0
Integrated nutrient management				0			0	0	0	0
Production of organic inputs							0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	3	62	1	63	24	0	24	86	1	87
II Horticulture	3	02	1	03	24	U	24	00	1	07
a) Vegetable Crops										
Production of low value and high valume crops				0			0	0	0	0
Off-season vegetables				0			0	0	0	0
Nursery raising							0	0	0	0
Exotic vegetables				0				0		0
Export potential vegetables				0			0	0	0	0
Grading and standardization							0	0	0	0
Protective cultivation				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (a)	0	0	0		0	0		0	0	_
b) Fruits	0	0	U	0	U	0	0	U	U	0
Training and Pruning				0			0	0	0	0
Layout and Management of Orchards				0			0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	U	U	0	U	U	0	0	0	0
Rejuvenation of old orchards				0			0	0	0	0
Export potential fruits				0			0	0	0	0
Micro irrigation systems of orchards				0			0	0	0	0
Plant propagation techniques				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (b)	0	0	0		0	0	0	0	0	0
c) Ornamental Plants	U	U	U	0	U	0	U	U	U	U
Nursery Management				0			0	0	0	0
Management of potted plants				0			0	0	0	0
Export potential of ornamental plants							0	0	0	
Propagation techniques of Ornamental Plants				0			0		0	0
Others (pl specify)				0				0	0	0
Total (c)	0	0	0	0	0	0	0	0	0	
d) Plantation crops	0	0	0	0	0	0	0	U	U	0
и) глантации сторь]	j							

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Production and Management technology				0			0	0	0	0
Processing and value addition				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (d)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops										
Production and Management technology				0			0	0	0	0
Processing and value addition				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (e)	0	0	0	0	0	0	0	0	0	0
f) Spices										
Production and Management technology				0			0	0	0	0
Processing and value addition				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (f)	0	0	0	0	0	0	0	0	0	0
g) Medicinal and Aromatic Plants										
Nursery management				0			0	0	0	0
Production and management technology				0			0	0	0	0
Post harvest technology and value addition				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total (g)	0	0	0	0	0	0	0	0	0	0
GT (a-g)	0	0	0	0	0	0	0	0	0	0
III Soil Health and Fertility Management										
Soil fertility management				0			0	0	0	0
Integrated water management				0			0	0	0	0
Integrated Nutrient Management				0			0	0	0	0
Production and use of organic inputs				0			0	0	0	0
Management of Problematic soils				0			0	0	0	0
Micro nutrient deficiency in crops				0			0	0	0	0
Nutrient Use Efficiency				0			0	0	0	0
Balance use of fertilizers				0			0	0	0	0
Soil and Water Testing				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IV Livestock Production and Management			0							- 0
Dairy Management				0			0	0	0	0
Poultry Management				0			0	0	0	0
Piggery Management				0			0	0	0	0
Rabbit Management				0			0	0	0	0
Animal Nutrition Management				0			0	0	0	0
Disease Management				0			0	0	0	0
Feed & fodder technology				0			0	0	0	0
Production of quality animal products				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
V Home Scienœ/Women empowerment	U	10	10	U	10	U	- 0	10	U	0
Household food security by kitchen gardening and nutrition gardening				0			0	0	0	0
Design and development of low/minimum cost diet				0			0	0	0	0
Designing and development for high nutrient efficiency diet				0			0	0	0	0
Minimization of nutrient loss in processing				0			0	0	0	0
Processing and cooking				0			0	0	0	0

										27
Gender mainstreaming through SHGs				0			0	0	0	0
Storage loss minimization techniques				0			0	0	0	0
Value addition				0			0	0	0	0
Women empowerment				0			0	0	0	0
Location specific drudgery reduction technologies				0			0	0	0	0
Rural Crafts				0			0	0	0	0
Women and child care				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
VI Agril. Engineering										
Farm Machinary and its maintenance				0			0	0	0	0
Installation and maintenance of micro irrigation				0			0	0	0	0
Use of Plastics in farming practices				0			0	0	0	0
Production of small tools and implements				0			0	0	0	0
Repair and maintenance of farm machinery and implements				0			0	0	0	0
Small scale processing and value addition				0			0	0	0	0
Post Harvest Technology	1			0			0	0	0	0
Others (pl specify)	1			0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
VII Plant Protection					-	Ť			Ť	
Integrated Pest Management				0			0	0	0	0
Integrated Disease Management				0			0	0	0	0
Bio-control of pests and diseases				0			0	0	0	0
Production of bio control agents and bio pesticides				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
VIII Fisheries										
Integrated fish farming				0			0	0	0	0
Carp breeding and hatchery management				0			0	0	0	0
Carp fry and fingerling rearing				0			0	0	0	0
Composite fish culture				0			0	0	0	0
Hatchery management and culture of freshwater prawn				0			0	0	0	0
Breeding and culture of ornamental fishes				0			0	0	0	0
Portable plastic carp hatchery				0			0	0	0	0
Pen culture of fish and prawn				0			0	0	0	0
Shrimp farming				0			0	0	0	0
Edible oyster farming				0			0	0	0	0
Pearl culture				0			0	0	0	0
Fish processing and value addition				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
IX Production of Inputs at site										
Seed Production				0			0	0	0	0
Planting material production				0			0	0	0	0
Bio-agents production				0			0	0	0	0
Bio-pesticides production				0			0	0	0	0
Bio-fertilizer production				0			0	0	0	0
Vermi-compost production				0			0	0	0	0
Organic manures production				0			0	0	0	0

										28
Production of fry and fingerlings				0			0	0	0	0
Production of Bee-colonies and wax sheets				0			0	0	0	0
Small tools and implements				0			0	0	0	0
Production of livestock feed and fodder				0			0	0	0	0
Production of Fish feed				0			0	0	0	0
Mushroom Production				0			0	0	0	0
Apiculture				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
X Capacity Building and Group Dynamics										
Leadership development				0			0	0	0	0
Group dynamics				0			0	0	0	0
Formation and Management of SHGs				0			0	0	0	0
Mobilization of social capital				0			0	0	0	0
Entrepreneurial development of farmers/y ouths				0			0	0	0	0
WTO and IPR issues				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
XI Agro-forestry										
Production technologies				0			0	0	0	0
Nursery management				0			0	0	0	0
Integrated Farming Systems				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
GRAND TOTAL	3	62	1	63	24	0	24	86	1	87

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses Others SCST Grand Total									
	courses									
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	2	28		28	20		20	48	0	48
Resource Conservation Technologies	2	39		39	24		24	63	0	63
Cropping Systems	2	38		38	20	2	22	58	2	60
Crop Diversification	2	27	1	28	7		7	34	1	35
Integrated Farming				0			0	0	0	0
Micro Irrigation/irrigation	2	54		54	11		11	65	0	65
Seed production				0			0	0	0	0
Nursery management				0			0	0	0	0
Integrated Crop Management	5	111	5	116	54	12	66	165	17	182
Soil & water conservatioin	2	26		26	12		12	38	0	38
Integrated nutrient management	3	72	8	80	15	2	17	87	10	97
Production of organic inputs				0			0	0	0	0
Others (pl specify)	5	55	6	61	22	8	30	77	14	91
Total	25	450	20	470	185	24	209	635	44	679
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										

Others (pl specify)	1		Í	l	1	I		l	I	29
Total (a)			1			1			1	
b) Fruits		_	+	 	 	 	<u> </u>		1	
Training and Pruning		+	+	+	+	 				
Layout and Management of Orchards		+	+	+	+	+	 	 	+	-
Cultivation of Fruit		_				<u> </u>	<u> </u>	<u> </u>	<u> </u>	
						<u> </u>	<u> </u>		ļ	
Management of young plants/orchards										
Rejuvenation of old orchards										
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)		-			-	+	1	1	+	
Total (b)		_		+	+	1	1		1	
c) Ornamental Plants		_				 	 		 	
Nursery Management		_		+	+	1	1		1	
Management of potted plants				1	1					
Export potential of ornamental plants										
Propagation techniques of Ornamental Plants	1			 	 	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
Others (pl specify) Total (c)		_	+	 	 	 	<u> </u>		1	
d) Plantation crops		+	+	+	+	 	 	 	 	
Production and Management technology		+	+	†	+		-	+		
Processing and value addition										
Others (pl specify)										
Total (d) e) Tuber crops				 	<u> </u>	 	<u> </u>		 	
Production and Management technology	+	+	+	+		+	 		+	
Processing and value addition		+		+	1	+			+	+
Others (pl specify)					1					
Total (e)										
f) Spices		_		<u> </u>			<u> </u>			
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology										
Post-harvest technology and value addition Others (pl specify)		_	+	 	 		 	 		
Total (g)		-		+	+			+		
GT (a-g)										
III Soil Health and Fertility Management		-		1	+			1		
Soil fertility management										
Integrated water management										
Integrated Nutrient Management		_			<u> </u>		<u> </u>	<u> </u>		
Production and use of organic inputs Management of Problematic soils		+		 	 	 	 	-	+	-
Micro nutrient deficiency in crops	+	+	+	†	+	+			1	
Nutrient Use Efficiency		+	+	†	+			+		
Balance use of fertilizers										
Soil and Water Testing			<u> </u>			<u> </u>			<u> </u>	
Others (pl specify) Total				 	 	 	<u> </u>		 	1
IV Li vestock Production and Management	1	+	+	+	+	+		_	+	1
Dairy Management	2	35	3	38	12	2	14	47	5	52
Poultry Management		+ 33	+	0	12	+	0	0	0	0
Piggery Management	-		+		 	 		_		
	1	\bot		0	 	<u> </u>	0	0	0	0
Rabbit Management				0	<u> </u>		0	0	0	0
Animal Nutrition Management			1	0	1		0	0	0	0
Disease Management										

Feed & fodder technology				0			0	0	0	0
Production of quality animal products				0			0	0	0	0
Others (pl specify)				0			0	0	0	0
Total	2	35	3	38	12	2	14	47	5	52
V Home Science/Women empowerment		33	3	30	12		17	77	1	32
Household food security by kitchen gardening and										
nutrition gardening										
Design and development of low/minimum cost										
diet										
Designing and development for high nutrient										
efficiency diet Minimization of nutrient loss in processing					-			-		
Processing and cooking										
Gender mainstreaming through SHGs										
Storage loss minimization techniques										
Value addition										
Women empowerment										
Location specific drudgery reduction technologies										
Rural Crafts						1			1	1
Women and child care Others (pl specify)					+	1		+	1	+
Total	1					1		+	1	+
VI Agril. Engineering						1			1	+
Farm Machinary and its maintenance					+			+		+
Installation and maintenance of micro irrigation						1				
systems										
Use of Plastics in farming practices										
Production of small tools and implements										
Repair and maintenance of farm machinery and										
implements Small scale processing and value addition										
Post Harvest Technology										
Others (pl specify)										
Total										
VII Plant Protection										
Integrated Pest Management										
Integrated Disease Management										
Bio-control of pests and diseases										
Production of bio control agents and bio pesticides										
Others (pl specify)										
Total										
VIII Fisheries										
Integrated fish farming										
Carp breeding and hatchery management										
Carp fry and finger ling rearing										
Composite fish culture						1			1	1
Hatchery management and culture of freshwater prawn									1	
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						1			1	
Others (pl specify)						1			1	1
Total IX Production of Inputs at site					+	1		+	1	-
Seed Production						+		+	1	-
Planting material production						1			1	+
Bio-agents production						1			1	
Bio-pesticides production						1			1	
Bio-fertilizer production										
Vermi-compost production										
Organic manures production	1					1			1	

										91
Production of Bee-colonies and wax sheets										
Small tools and implements										
Production of livestock feed and fodder										
Production of Fish feed										
Mushroom Production										
Apiculture										
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	27	485	23	508	197	26	223	682	49	731
1	. — -	1			1				1	

 $Farmers'\ Training\ including\ s\ ponsored\ training\ programmes-CONSOLIDATED\ (On+off\ campus)$

Thematic area	No. of Participants courses Others SCST Grand Total									
	courses		Others			SC/ST				
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production Weed Management	2	20	0	20	20	0	20	40	0	40
_	2	28	0	28	20	0	20	48	0	48
Resource Conservation Technologies	2	39	0	39	24	0	24	63	0	63
Cropping Systems	2	38	0	38	20	2	22	58	2	60
Crop Diversification	2	27	1	28	7	0	7	34	1	35
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	2	54	0	54	11	0	11	65	0	65
Seed production	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	8	173	6	179	78	12	90	251	18	269
Soil & water conservatioin	2	26	0	26	12	0	12	38	0	38
Integrated nutrient management	3	72	8	80	15	2	17	87	10	97
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	5	55	6	61	22	8	30	77	14	91
Total	28	512	21	533	209	24	233	721	45	766
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops										
Off-season vegetables										
Nursery raising										
Exotic vegetables										
Export potential vegetables										
Grading and standardization										
Protective cultivation										
Others (pl specify)										
Total (a)										
b) Fruits										
Training and Pruning										
Layout and Management of Orchards										
Cultivation of Fruit										

Management of young plants/orghards	ı	1	I	ı	ı	ĺ	ĺ	Í	i	32
Management of young plants/orchards	1									
Rejuvenation of old orchards	1									
Export potential fruits										
Micro irrigation systems of orchards										
Plant propagation techniques										
Others (pl specify)										
Total (b)										
c) Ornamental Plants										
Nursery Management										
Management of potted plants Export potential of ornamental plants		1								
Propagation techniques of Ornamental Plants										
Others (pl specify)										
Total (c)										
d) Plantation crops										
Production and Management technology Processing and value addition										
Others (pl specify)										
Total (d)										
e) Tuber crops										
Production and Management technology Processing and value addition	1	1								
Others (pl specify)										
Total (e)			<u></u>							
f) Spices										
Production and Management technology										
Processing and value addition										
Others (pl specify)										
Total (f)										
g) Medicinal and Aromatic Plants										
Nursery management										
Production and management technology Post-harvest technology and value addition										
Others (pl specify)		1								
Total (g)										
GT (a-g)										
III Soil Health and Fertility Management										
Soil fertility management Integrated water management										
Integrated Nutrient Management										
Production and use of organic inputs		1								
Management of Problematic soils										
Micro nutrient deficiency in crops										
Nutrient Use Efficiency Balance use of fertilizers		+								
Soil and Water Testing										
Others (pl specify)										
Total										
IV Livestock Production and Management Dairy Management	2	25	2	20	10	2	1.4	47	_	50
•	2	35	3	38	12	2	14	47	5	52
Poultry Management	0	0	0	0	0	0	0	0	0	0
Piggery Management	0	0	0	0	0	0	0	0	0	0
Rabbit Management	0	0	0	0	0	0	0	0	0	0
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Disease Management	0	0	0	0	0	0	0	0	0	0
Feed & fodder technology	0	0	0	0	0	0	0	0	0	0
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	2	35	3	38	12	2	14	47	5	52
V Home Science/Women empowerment	†~	33		30	1	†		''	-	
Household food security by kitchen gardening										

	ı i		i i	ī	Ī	i i	33
and nutrition gardening							
Design and development of low/minimum cost							
diet							
Designing and development for high nutrient							
efficiency diet							
Minimization of nutrient loss in processing							
Processing and cooking							
Gender mainstreaming through SHGs							
Storage loss minimization techniques							
Value addition							
Women empowerment							
Location specific drudgery reduction							
technologies							
Rural Crafts							
Women and child care							
Others (pl specify)							
Total							
VI Agril. Engineering							
Farm Machinary and its maintenance							
Installation and maintenance of micro irrigation							
systems							
Use of Plastics in farming practices							
Production of small tools and implements							
Repair and maintenance of farm machinery and							
implements							
Small scale processing and value addition							
Post Harvest Technology							
Others (pl specify)							
Total							
VII Plant Protection							
Integrated Pest Management							
Integrated Disease Management							
Bio-control of pests and diseases							
Production of bio control agents and bio							
pesticides							
Others (pl specify)							
Total							
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							
Others (pl specify)							
Total							
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							
Mushroom Production							
Apiculture							
<u> </u>							

Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development										
Group dynamics										
Formation and Management of SHGs										
Mobilization of social capital										
Entrepreneurial development of farmers/youths										
WTO and IPR issues										
Others (pl specify)										
Total										
XI Agro-forestry										
Production technologies										
Nursery management										
Integrated Farming Systems										
Others (pl specify)										
Total										
GRAND TOTAL	30	547	24	571	221	26	247	768	50	818

Training for Rural Youths including sponsored training programmes (On campus)

		No. of Courses General SC/ST Grand Total										
Area of training			General				•		Grand	Total		
	Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total		
Nursery Management of												
Horticulture crops												
Training and pruning of												
orchards												
Protected cultivation of												
vegetable crops												
Commercial fruit production												
Integrated farming												
Seed production												
Production of organic inputs												
Planting material production												
Vermi-culture												
Mushroom Production												
Bee-keeping												
Sericulture												
Repair and maintenance of												
farm machinery and												
implements												
Value addition												
Small scale processing												
Post-Harvest Technology												
Tailoring and Stitching												
Rural Crafts												
Production of quality animal												
products												
Dairying												
Sheep and goat rearing												
Quail farming												
Piggery												
Rabbit farming												
Poultry production												
Ornamental fisheries												
Composite fish culture								t				
Freshwater prawn culture			+									
Shrimp farming			+									
Pearl culture			+		-	-						
Cold water fisheries			+									
Fish harvest and processing								 				
technology												
Fry and fingerling rearing			+									
Any other (pl.specify)												
TOTAL			+					-				

Training for Rural Youths including sponsored training programmes (Off campus)

	No. of	No. of Participants										
Area of training	Courses		General			SC/ST		Grand Total				
Nursery Management of		Male	Female	Total	Male	Female	Total	Male	Female	Total		
Horticulture crops												
Training and pruning of								-				
orchards												
Protected cultivation of												
vegetable crops												
Commercial fruit production												
Integrated farming Seed production												
Production of organic inputs												
Planting material production												
Vermi-culture]						
Mushroom Production]						
Bee-keeping												
Sericulture												
Repair and maintenance of												
farm machinery and												
implements												
Value addition												
Small scale processing												
Post-Harvest Technology												
Tailoring and Stitching												
Rural Crafts												
Production of quality animal												
products												
Dairying												
Sheep and goat rearing												
Quail farming												
Piggery												
Rabbit farming												
Poultry production												
Ornamental fisheries												
Composite fish culture												
Freshwater prawn culture												
Shrimp farming								 				
Pearl culture								 				
Cold water fisheries												
Fish harvest and processing			+									
technology]						
Fry and fingerling rearing			+					-				
								 				
Any other (pl.specify) TOTAL								 				
IUIAL												

$Training\ for\ Rural\ Youths\ including\ sponsored\ training\ programmes-CONSOLIDATED\ (On+off\ campus)$

	No. of	No. of Participants										
Area of training	Courses	General				SC/ST		Grand Total				
	Courses	Male	Female	Total	Male	Female	Total	Male	Female	Total		
Nursery Management of												
Horticulture crops												
Training and pruning of												
orchards												
Protected cultivation of												
vegetable crops												
Commercial fruit production												
Integrated farming												
Seed production												
Production of organic inputs												
Planting material production												
Vermi-culture												
Mushroom Production												
Bee-keeping												
Sericulture												
Repair and maintenance of												
farm machinery and												

					30
implements					
Value addition					
Small scale processing					
Post-Harvest Technology					
Tailoring and Stitching					
Rural Crafts					
Production of quality animal					
products					
Dairying					
Sheep and goat rearing					
Quail farming					
Piggery					
Rabbit farming					
Poultry production					
Ornamental fisheries					
Composite fish culture					
Freshwater prawn culture					
Shrimp farming					
Pearl culture					
Cold water fisheries					
Fish harvest and processing					
technology					
Fry and fingerling rearing					
Any other (pl.specify)					
TOTAL					

Training programmes for Extension Personnel including sponsored training programmes (on campus)

		of No. of Participants										
Area of training	Courses	General			SC/ST			Grand Total				
		Male	Female	Total	Male	Female	Total	Male	Female	Total		
Productivity enhancement in field crops												
Integrated Pest Management												
Integrated Nutrient management												
Rejuvenation of old or chards												
Protected cultivation technology												
Production and use of organic inputs												
Care and maintenance of farm machinery and implements												
Gender mainstreaming through SHGs												
Formation and Management of SHGs												
Women and Child care												
Low cost and nutrient efficient diet designing												
Group Dynamics and farmers organization												
Information networking among farmers												
Capacity building for ICT application												
Management in farm animals												
Livestock feed and fodder production												
Household food security												
Any other (pl.specify)												
TOTAL												

Training programmes for Extension Personnel including sponsored training programmes (off campus)

	No. of	No. of Participants										
Area of training		General			SC/ST			Grand Total				
		Male	Female	Total	Male	Female	Total	Male	Female	Total		
Productivity enhancement in field crops												
Integrated Pest Management												
Integrated Nutrient management												
Rejuvenation of old orchards												
Protected cultivation technology												
Production and use of organic inputs												
Care and maintenance of farm machinery and implements												
Gender mainstreaming through SHGs												
Formation and Management of SHGs												
Women and Child care												
Low cost and nutrient efficient diet designing												

Group Dynamics and farmers organization					
Information networking among farmers					
Capacity building for ICT application					
Management in farm animals					
Livestock feed and fodder production					
Household food security					
Any other (pl.specify)					
TOTAL					

$\label{thm:constraint} \textbf{Training programmes - CONSOLIDATED (On + Off \, campus)}$

	No. of	No. of Participants									
Area of training		General			SC/ST			Grand Total			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old or chards											
Protected cultivation technology											
Production and use of organic inputs											
Care and maintenance of farm machinery and implements											
Gender mainstreaming through SHGs											
Formation and Management of SHGs											
Women and Child care											
Low cost and nutrient efficient diet designing											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Any other (pl.specify)											
TOTAL											

Table. Sponsored training programmes

	No. of Courses				No. o	f Participa	nts			
Area of training	Courses		General			SC/ST			Grand Tota	al
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops										
Commercial production of vegetables										
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops										
Soil health and fertility management										
Production of Inputs at site										
Methods of protective cultivation										
Others (pl. specify)										
Total										
Post-harvest technology and value addition										
Processing and value addition										
Others (pl. specify)										
Total										
Farm machinery										
Farm machinery, tools and implements										
Others (pl. specify)										
Total										

							50
Livestock and fisheries							
Livestock production and management							
Animal Nutrition Management							
Animal Disease Management							
Fisheries Nutrition							
Fisheries Management							
Others (pl. specify)							
Total							
Home Science							
Household nutritional security							
Economic empowerment of women							
Drudgery reduction of women							
Others (pl. specify)							
Total							
Agricultural Extension							
Capacity Building and Group Dynamics							
Others (pl. specify)							
Total							
GRAND TOTAL							
	 1	1	1	1			

Name of sponsoring agencies involved-

Details of vocational training programmes carried out by KVKs for rural youth

	No. of	No. of Participants										
Area of training	Courses		General		SC/ST				Grand Tota	d		
		Male	Female	Total	Male	Female	Total	Male	Female	Total		
Crop production and management												
Commercial floriculture												
Commercial fruit production												
Commercial vegetable production												
Integrated crop management												
Organic farming												
Others (pl. specify)												
Total												
Post-harvest technology and value addition												
Value addition												
Others (pl. specify)												
Total												
Livestock and fisheries												
Dairy farming												
Composite fish culture												
Sheep and goat rearing												
Piggery												
Poultry farming												
Others (pl. specify)												
Total												
Income generation activities												
Vermicomposting Production of bio-agents, bio-												
Production of bio-agents, bio- pesticides,												
bio-fertilizers etc.												
Repair and maintenance of farm machinery												

					3)
and implements					
Rural Crafts	•				
Seed production					
Sericulture					
Mushroom cultivation					
Nursery, grafting etc.					
Tailoring, stitching, embroidery, dying etc.					
Agril. para-workers, para-vet training					
Others (pl. specify)					
Total					
Agricultural Extension					
Capacity building and group dynamics					
Others (pl. specify)					
Total					
Grand Total					

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	390	381	9	390
Diagnostic visits				0
Field Day	3	58	3	61
Group discussions				0
Kisan Ghosthi				0
Film Show				0
Self -help groups				0
Kisan Mela				0
Exhibition				0
Scientists' visit to farmers field	15	333	16	349
Plant/animal health camps				0
Farm Science Club				0
Ex-trainees Sammelan				0
Farmers' seminar/workshop				0
Method Demonstrations				0
Celebration of important days				0
Special day celebration				0
Exposure visits				0
Others (pl. specify) Lecture Deliverd	16	1038	64	1102
Total	424	1810	92	1902

Details of other extension programmes

Particulars	Number
Electronic Media (CD/DVD)	
Extension Literature	
Newspaper coverage	10
Popular articles	0
Radio Talks	1
TVTalks	

Animal health amps (Number of animals treated)	
Others (pl. specify)	
Total	11

N		Type of Messages									
Name of KVK	Message Type	Crop	Livestock	Weather	Marke- ting		Other enterprise	Total			
	Text only										
	Voice only										
	Voice & Text both										
	Total Messages										
	Total farmers Benefitted										

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activitie s	Number of Participants	Related crop/livestock technology
	Gosthies			
	Lectures organised			
	Exhibition			
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the			
	technology week			

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Quantity of seed (q)	Value (Rs)	Number of farmers
Cereals						
Oilseeds						
Pulses						
Commercial crops						
Vegetables						
Flower crops						
Spices						
Fodder crop seeds						
Fiber crops						
Forest Species						
Others						
Total						

Production of planting materials by the KVKs

Crop	Name of the crop	Name of the variety	Name of the hybrid	Number	Value (Rs.)	Number of farmers
Commercial			-			
Vegetable seedlings						
Fruits						
Ornamental plants						
Medicinal and Aromatic						
DI'						
Plantation						
Spices						
Spices						
Tuber						
14001						
Fodder crop saplings						
<u> </u>						
Forest Species						
	<u> </u>					
Others						
Total						

Production of Bio-Products

	Name of the bio-product	Quantity		
Bio Products		Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers				
Bio-pesticide				
Bio-fungicide				
Bio Agents				
Others				
Total				

Table: Production of livestock materials

	Name of the	Number	Value (Rs.)	No. of Farmers
Particulars of Live stock	breed			
Dairy animals				
Cows				
Buffaloes				
Calves				
Others (Pl. specify)				
Poultry				
Broilers				
Layers				
Duals (broiler and layer)				
Japanese Quail				
Turkey				
Emu				
Ducks				
Others (Pl. specify)				
Piggery				
Pig let				
Others (Pl.specify)				
Fisheries				
Indian carp				
Exotic carp				
Others (Pl. specify)				
Total				

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

Samples	No. of Samples	No. of Farmers	No. of Villages	Amount realized (Rs.)	No. of soil health cards distributed
Soil					
Water					
Plant					
Manure					
Others (pl.specify)					
Total					

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Partici pants
KVK, Jaisalmer	20.03.2017	36

IX. NEWSLETTER/MAGAZINE

Name of News letter/Magazine	No. of Copies printed for distribution

X. PUBLICATIONS

Category	Number	
Research Paper		
Technical bulletins		
Technical reports	3	
Others (pl. specify) Leaflets	4	
Book chapter		
Booklet	1	

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

	Activities conducted						
No. of Training programmes	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)			

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC

T . 1	C	1		, . , .
Introduction	α t	a Iternate	crons	Varieties
muoduction	OI.	ancinac	CIOPS	van ictics

Crops/cultivars	Area (ha)	Extent of damage	Recovery of damage through KVK initiatives if any
Total			

Major area coverage under alternate crops/varieties

Crops	Area (ha)	Number of beneficiaries
Oilseeds		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Total		

Animal health camps organised

Number of camps	No.of animals	No.of farmers
Total		

Seed distribution in drought hit states

Crops	Quantity (qtl)	Cove rage of are a (ha)	Number of farmers
Total			

Large scale adoption of resource conservation technologies

Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
t chilologies introduced		
Total		

Awareness campaign

	Meetings		Gosthies		Field	days	Farmers f	fair	Exhibition		Film s	show
	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of	No.	No.of
		farmers		farmers		farmers		farmers		farmers		farmers
					3	58						
Total					3	58						

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

Name of the SAU	Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total				

B. HRD activities organized in identified areas for KVK staff by ATARI

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Total			

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT) Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

- a) Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise
- b) Performance of the end results of any one technology assessed, its refinement if any and its impact in district agriculture with respect to that crop or enterprise
- c) Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/enterprise/bio-product The general format for preparing the above case studies are furnished below

N	Jame	of the	KVK
Г	vanne	or the	$\mathbf{N} \mathbf{N} \mathbf{N}$

TITLE

Introduction

KVK intervention

Output

Outcome

Impact

XIII. STATUS REVOLVING FUNDs

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2014 to March 2015	103872	1089	17820	104961
April 2015 to March 2016	104961	-	17107	87854
April 2016 to March 2017	87854	-	-	87854

KRISHI VIGYAN KENDRA POKARAN ACTION PLAN

(April 2017 to March 2018)

1. **TRAINING PROGRAMME:**

1. A ON CAMPUS TRAINING

S.	Title of trainings	Duration	Parti-	Type of
No.		(days)	cipant	Participant
_	rter (April 2017 to June 2017):			
Cro	p production:			
1.	Improved Agronomical practices for Kharif crops	4 Days	25	Farmers
2.	Improved Agronomical Practices for ground nut	4 Days	25	Farmers
Hor	ticulture:			
1.	Production of low volume and high value crops	4 Days	25	Farmers
Plar	nt protection:			
1.	Integrated pest management in Kharif crops	4 Days	25	Farmers
Live	stock Production And Management:		•	
1.	Dairy management	4 Days	25	Farmers
Qua	rter (July 2017 to Sept 2017):		•	
Cro	p Production:			
1.	Improved agronomical practices for Kharif Crops like Bajra, Moth & Guar	4 Days	25	Farmers
2.	moisture conservation practices for rain fed Kharif crops	4 Days	25	Farmers
Hor	ticulture:		I	
1.	Nursery raising	4 Days	25	Farmers
Plar	nt Protection:			
1.	Integrated disease management in Kharif Crops	4 Days	25	Farmers
Live	stock Production And Management:	<u> </u>		
1.	Disease management in cattles	4 Days	25	Farmers
Qua	rter (Oct 2017 to Dec 2017):			
Cro	p Production:			
1.	Improved Agronomical Practices in Rabi crops	4 Days	25	Farmers
2.	Improved intercultural operation in Mustard, cumin and Isbgol	4 Days	25	Farmers
Hor	ticulture:		I	
1.	Exotic vegetables like broccoli	4 Days	25	Farmers
Plar	t Protection:			
1.	Bio-control of pests and diseases in Rabi crops	4 Days	25	Farmers
Live	estock Production And Management:			
1.	Feed management for cattle's	4 Days	25	Farmers
Qua	rter (Jan 2018 to March 2018):	1 2		
	p Production:			
1.	Protection of Mustard & cumin from frost injury	4 Days	25	Farmers

						49
2.	water management in Rabi crops	4 D	ays	25	Farn	ners
Hor	iculture:					
1.	Cultivation of fruit	4 D	ays	25		ners
Plan	t Protection:					
1.	Integrated pest management in Rabi crops	4 D	ays	ys 25		ners
Live	stock Production And Management:					
1.	Production of quality animal products	4 D	ays	25	Farn	ners
	FF CAMPUS TRAINING:					
S.	Title of trainings		Duration	n	Parti-	Type of
No		(days)			cipant	Participa
	ter (April 2017 to June 2017):					
	Production:					
1.	Hoeing, Weeding & thinning in groundnut		1 Day	20		Farmers
2.	Improved cultivation of Bajra, Moth & Guar in Rain fed Area	ıs	s 1 Day		15	Farmers
Horti	culture:					
1.	Cultivation of fruit		1 Day		15	Farmers
Plant	Protection:					
1.	Integrated disease management in Kharif crops		1 Day		30	Farmers
Lives	tock Production And Management:					
1.	Disease management in sheep, goat & Cattles		1 Day		15	Farmers
Quar	ter (July 2017 to Sept 2017):					
Crop	Production:					
1.	Improved agronomical practices, hoeing weeding & intercultural operation in Kharif crops		1 Day		25	Farmers
2.	Cultivation of Green Manuring in Kharif		1 Day		20	Farmers
3.	Top dressing of urea in standing Kharif crops		1 Day		20	Farmers
Horti	culture:					
1.	Nursery raising		1 Day		25	Farmers
Plant	Protection:					
1.	Integrated pest management		1 Day		20	Farmers

Livestock Production And Management: Dairy management 1 Day 25 Farmers **Quarter (Oct 2017 to Dec 2017): Crop Production:** Seed Treatment of Rabi Crops 1 Day 1. 25 Farmers Improved Agronomical practices in Mustard & Cumin 2. 1 Day 20 Farmers Fertilizer Management in Rabi Crops 1 Day 3. 20 Farmers Horticulture: Production and management technology of spice crops 1. 1 Day 20 Farmers Management of young plants/orchards 1 Day 2. 20 Farmers **Plant Protection:** Bio-control of pests and diseases 1. 1 Day 20 Farmers

Live	stock Production And Management:						
1.	Feed management for cattle's	1 Day	20	Farmers			
Quarter (Jan 2018 to March 2018):							
crop Production:							
1.	Irrigation Management in Rabi Crops like Wheat, Mustard	1 Day	20	Farmers			
2.	Harvesting & threshing of spices crops like Cumin & Methi	1 Day	20	Farmers			
Hor	iculture:						
1.	Micro irrigation systems of orchards	1 Day	30	Farmers			
Plan	t Protection:						
1.	Integrated pest management	1 Day	25	Farmers			
Live	Livestock Production And Management:						
1.	Production of quality animal products	1 Day	20	Farmers			

1. C SPONSORED TRAINING PROGRAMME:

S. No.	Title of Trainings	Duration (Days)	No's of participant	Agency				
Qua	rter (April 2017 to June 2017):							
1	Improved package of practices for Kharif crops	2-4 days	50 farmers	DD Agri. (Ext.) Jaisalmer				
Qua	Quarter (July 2017 to Sept 2017):							
1	Improved package of practices for Kharif crops	3-4 days	35 farmers	DD Agri.				
2	IPM in Kharif crops	3-4 days	45 farmers	(Ext.) Jaisalmer				
Qua	rter (Oct 2017 to Dec 2017):							
1	Improved livestock management practices	3-4 days	50 farmers	DD, AH				
2	Pasture management for sheep, goat & Cattle	2-4 days	35 farmers	Pokaran				
Qua	Quarter (Jan 2018 to March 2018):							
1	Insect & Pest Management in Rabi crops	2-4 days	40 farmers	DD Agri.				
2	Harvesting & threshing of spices crops	2-4 Day	40 farmers	(Ext.) Jaisalmer				

3. RMOL TRAINING PROGRAMME 2017-18:

Sn	Type of Training	Title of Training	No. of	Duration	Time for	l	
SII		Type of Hammig	Title of Training	Trainees Training	Trainees	(Date & Day)	Training
1.	Non-Residential	Ladies tailoring	20	Nov 2017 to Jan 2018	80 Days		

4. FRONT LINE DEMONSTRATION-

1. FI	1. FLD (KHARIF 2017 - 2018)					
Sn.	Crop	Variety	Demo.	Area		
1.	Cluster bean (Guar)	RGC- 1038/RGC- 1066	60	30 ha		
2.	Moong	IPM 02-03	40	20 ha		

2. FLD	(Rabi 2017 - 2018)			
Sn.	Crop	Variety	Demo.	Area
1.	Wheat	Raj – 4120/ Raj - 4083	40	20 ha

2.	Cumin	GC-4	20	10 ha
3.	Isbgol	RI – 89	20	10 ha
4.	Gram	GNG – 1581 (Gangour)	20	10 ha

5. ON FARM TESTING (OFT):

Problem	Category of technology	Thematic Area	Crop
Diagnose	(Assessment/		
	Refinement)		
Low yield of Bajra crop in rainfed areas of	Refinement	Moisture	Bajra
Jaisalmer District due to moisture strers		conservation	
condition		tech.	

Detail of Tech. for refinement-

S.No.	Category	Source of Tech Pl.	Tech. Detail		
		Geometry			
1.	T1= Farmer Practices	Farmers	30 x 15 cm pl. geometry		
2.	T2 = Recommended practices	ZREAC SKRAU	45 x 15 cm Pl. geometry		
3.	T3= Refined practice	Beechwal Bikaner	60 x 15 cm Pl. geometry		
			(Use of Rubber Tyre)		

6. OTHER EXTENSION ACTIVITIES 2017-18:

S.		QUARTER			
N	Type Of Extension Activities	IV	I	II	III
11		(Apr-Jun)	(July-Sept)	(Oct-Dec)	(Jan-Mar)
1	Kishan Gosthi	1	1	1	1
2	Agricultural Exhibitions	1	1	1	1
3	Scientist Farmer Interaction	2	2	2	2
4	Farmer Science Club	0	1	0	1
5	Mahila Mandal/ SHG	1	1	1	1
6	Farmers Visit to KVK Farm		As Per	r Need	
7	Scientist Visit to Farmers Field		As Per	r Need	
8	Lectures To Be Delivered In Other Prog.		As Per	r Need	
9	Night Training Camps	1	1	1	1
10	Safe Grain Storage	0	1	0	1
11	Rat Control	0	1	0	1
14	Cattle Treatment Camps	1	1	1	1
13	Van Mahotsav (Plantation)	-	1	-	-
14	Research Paper To Be Published	1	1	1	1
15	Popular Articles to be Published	1	1	1	1
16	Extension Bulletins	1	1	1	1
17	Pamphlets/Folders	1	1	1	1
18	Slide Show/ TV Show/ Film Show	1	1	1	1
19	Poster & Charts	1	1	1	1
20	Radio Talk	1	1	1	1
21	News Paper Coverage	As Per Need			
22	PRA Survey	5 Villages			