KRISHI VIGYAN KENDRA AMBALA

ANNUAL PROGRESS REPORT

(JANUARY- DECEMBER, 2022)

SOCIETY FOR CREATION OF HEAVEN ON EARTH
Krishi Vigyan Kendra,Village Tepla,
Post Saha, District Ambala (Hry.)

ANNUAL REPORT (January-December, 2022)

INDEX

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APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	24	345	298	643
Rural youths	7	105	120	225
Extension functionaries	1	0	20	20
Sponsored Training	0	0	0	0
Vocational Training	7	105	120	225
Total	39	555	558	1113

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	125	50	
Pulses	135	55	
Cereals	72	29	
Vegetables	75	27	
Other crops	..	..	
Hybrid crops	..	..	
Total	**407**	**161**	
Livestock & Fisheries	30	..	30 HF cattles
Other enterprises	..	..	
Women Empowerment (Kitchen garden)	75	..	75 units
Farm Machinery (Happy Seeder)	..	..	
Total	**105**	**..**	**..**
Grand Total	**512**	**161**	

3. Technology Assessment

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed			
Crops	3	30	30
Livestock	2	20	20
Various enterprises			
Total	**5**	**50**	**50**

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	366	40535
Other extension activities	61	..
Total	427	40535

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other Enterprise	Total
Ambala	Text only	6	2	96	0	6	2	112
	Voice only							
	Voice & Text both							
	Total Messages							
	Total farmers Benefitted	**5000**	**5000**	**1200**	**0**	**5000**	**5000**	**26200**

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	40.77	164100.00
Planting material (No.)	2787	43390.00
Bio-Products (kg)	5000	15000.00
Livestock Production (No.)	1217	521860.00
Fishery production (No.)	..	..

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	..	..
Water	..	..
Plant	89	..
Total	**89**	

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops/ Webinar	9
2	Conferences	8
3	Meetings	38
4	Trainings for KVK officials	5
5	Visits of KVK officials	5 (Senior Scientists of KVKs, Rajasthan)
6	Book published	--
7	Training Manual	--
8	Book chapters	--
9	Research papers	--
10	Lead papers	--
11	Seminar papers	--
12	Extension folder/Booklet	3
13	Proceedings	2 (ARYA & SAC)
14	Award & recognition	1. Poster Presentation in Annual Zonal Review Workshop for KVKs Rajasthan,Haryana & Delhi by ICAR-ATARI, Jdohpur Dr. Upasana Singh, Senior Scientist & Head & Dr. Rajendra Kumar Singh, SMS (Agronomy) 2. Fellow Award by the Society for advancement of Agricultural Scientists (SAAS) Modipuram Meerut (Dr. Ramesh Kumar, SMS (Agril. Extn.) 3. Best Poster presentation Award from Society of Krishi Vigyan 3rd National Conference of Natural Farming, Organic Farming, and Chemical farming in India Agriculture Present Scenario and Way Forward held during 17 to 19 October, 2022 at Hotel Imperial Grand by the Krishi Vigyan Kendra, Ujjain working under the aegis of Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior (M.P.) 4. Best Extension Scientist Award from Dr. Ashok Dalvey,Cabinet Secretary,GOI and Dr. N.S.Rathore Ex DDG, Agriculture Education from Society of Krishi Vigyan 3rd National Conference of Natural Farming, Organic

		Farming, and Chemical farming in India Agriculture Present Scenario and Way Forward held during 17 to 19 October, 2022 at Hotel Imperial Grand by the Krishi Vigyan Kendra, Ujjain working under the aegis of Rajmata Vijayaraje Scindia Krishi Vishwa Vidyalaya, Gwalior (M.P.)
15	On going research projects	i. Cluster Front Line Demonstrations on Pulse crops (NFSM) ii. Cluster Front Line Demonstration on Oilseed crops (NFSM) iii. Attracting & Retaining Youth in Agriculture (ARYA) iv. In-situ Crop Residue Management (CRM) v. Agricultural Skill Council of India : Skill Trainings (ASCI) vi. District Agro Met Unit (DAMU) vii. Natural Farming viii. Organic Farming ix. Agri-Drone Project x. Nutri Sensitive Agricultural Research & Innovation (NARI) xi. Gender and Nutrition Network Project xii. Scheduled Caste Sub Plan Scheme (SCSP Scheme) xiii. Doubling Farmers Income (DFI) xiv. Capacity Building of Farmers through training programmes for Profitable Dairy & Livestok Management : MFAHD, GOI xv. Ex-situ (Customization of Appropriate Technologies and Practices for Eco-friendly and Economical Mgt. of Crop Residue) IARI xvi. IIWBR (Wheat FLD) xvii. NIFTEM xviii. Nano (IFFCO)

DETAIL REPORT OF APR-2022
(JANUARY – DECEMBER, 2022)

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
	Office	FAX	
KRISHI VIGYAN KENDRA Vill. Tepla, Post Saha District Ambala-133 104 (Haryana)	0171-2822522	0171-2822522	kvkambala@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
SOCIETY FOR CREATION OF HEAVEN ON EARTH Camp Office: KRISHI VIGYAN KENDRA Vill.Tepla, Post Saha, District Ambala-133 104 (Haryana)	0171-2822522	0171-2822522	bakshi.akhil@gmail.com

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. (Mrs.) Upasana Singh	0171-2546204	8295406560	upasanasinghrathee@gmail.com

1.4. Year of sanction: 1995

1.5. Staff Position (as on 31st December, 2022)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Senior Scientist & Head	Dr. (Mrs.) Upasana Singh	Senior Scientist & Head	Home Science	Level-14	177400	04.08.08	Permanent	Gen.	8295406560	47 yrs. 4 months	upasanasinghrathee @gmail.com
2	Subject Matter Specialist	Dr. Ramesh Kumar	SMS(Agrilcultural Extension)	Agricultural Extension	11	85800	14.08.08	Permanent	Gen.	9017975976	49 ½ yrs.	rameshjhorar @rediffmail.com
3	Subject Matter Specialist	Er. Guru Prem	SMS (Soil & Water Management) *	Soil & Water Mgt.	11	85800	28.11.09	Permanent	Gen.	9416355892	43 yrs.	gpgrover79 @gmail.com
4	Subject Matter Specialist	Dr.Vikram Dhirendra S.	SMS (Plant Protection)	Plant Protection	11	74000	12.06.14	Permanent	Gen.	8950235630	39 yrs. 4 months	vdskvkambala@gmail.com
5	Subject Matter Specialist	Dr.Amit Kumar	SMS (Horticulture)	Horticulture	11	71800	12.08.15	Permanent	Gen.	9991567854	37 yrs.10 months	amitbaliyan2009 @gmail. com
6	Subject Matter Specialist	Dr.Rajendra Kumar Singh	SMS(Agronomy)	Agronomy	10	63100	11.9.18	Permanent	Gen.	8948490351	35 yrs.10 months	rajanmpsingh @gmail.com
7	Subject Matter Specialist	Dr. Rajan Mishra	SMS (Animal Science)	Animal Science	10	56100	15.10.22	Permanent	Gen.	9532422637	30 yrs.	mishrarajan560@gmail.com
9	Accountant	Sh. Yogesh Kumar	Assistant	Accounts	6	37600	16.12.20	Permanent	Gen.	7837724186	25 yrs.	yogeshsandhu22 @gmail.com
9	Farm Manager	Sh. Abhay Kumar	Farm Manager	Agriculture	9	82600	08.12.97	Permanent	Gen.	9416113081	47 yrs.8 months	abhay9416113081 @gmail. com
10	Computer Programmer	Mrs. Meera Sharma	Computer Programmer	Computer	7	58600	01.04.08	Permanent	Gen.	9467677662	54 yrs.3 months	meerasharma1968 @gmail. com
11	Programme Assistant	Mrs. Kajal	Programme Assistant	Home Science	6	36500	23.12.21	Permanent	Gen.	7696948748	28 yrs.	kajalrana0808@gmail.com
12	Stenographer	Sh. Charanjeet Singh	Steno	---	4	34300	16.02.12	Permanent	Gen.	8684070786	38 yrs.4 months	jeetsamra2@gmail.com
13	Driver	Sh. Shyam Lal	Driver-cum-Mechanic	Jeep	4	30500	16.02.12	Permanent	SC	9466331139	57 yrs.7 months	
14	Driver	Sh. Sandeep Kumar	Driver-cum-Mechanic	Tractor	4	22400	23.12.21	Permanent	Gen.	9729324461	28 yrs.	--
15	Supporting staff	Sh. Raman Kumar	Supporting Staff	--	2	34000	27.05.96	Permanent	Gen.	9416847720	53 yrs. 5 months	--
16	Supporting staff	Sh. Karamjit Singh	Supporting Staff	--	2	32000	12.08.02	Permanent	SC	8901188631	45 yrs.4 months	--

* On Study leave

1.5 (a) DAMU Project

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	Subject Matter Specialist	Vacant	--	--	--	--	--	--	--	--	--	--
	Agromet Observer	Miss Vishu	Agromet Observer	Agromet Observer	3	21700	11.11.20	Contractual	SC	7056033522	26	Vishubrar666@gmail.com

1.5 (b) ARYA Project

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)	Mobile no.	Age	Email id
1	1	--	SRF	--	--	--	--	--	--	--	--	--

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.4
2.	Under Demonstration Units	2.0
3.	Under Crops	9.0
4.	Orchard/Agro-forestry	4.0
	Others (specify)	
5.	Farm Roads & Drainage	1.0
6.	Integrated Farming System	1.0
	Total	**18.4**

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	1997-98	662.67	17.83	--	--	--
2.	Farmers Hostel	ICAR	1997-98	311.13	8.37	--	--	--
3.	Staff Quarters (6)	--	--	--	--	--	--	--
4.	Demonstration Units (2)			539.26	10.05			
	1. Poultry	ICAR	1997-98	50.96	--	--	--	--
5	2. Goatry	ICAR	1997-98	89.30	--	--	--	--
6	3. Piggery	ICAR	1997-98	364.0	--	--	--	--
7	4. Mushroom	ICAR	1997-98	35.0	--	--	--	--
8	Fencing	ICAR	1997-98	254.40	2.38	--	--	--
	Rain Water harvesting system	--	--	--	--	--	--	--
	Threshing floor	--	--	--	--	--	--	--
	Farm godown(Seed Store)	ICAR	1997-98	300 sq.m	3.0	--	--	--

B) Vehicles (31-12-2022)

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	March,2017 August,2019 (CRM) August,2020 (Ex-situ)	5,98,292.00 6,45,000.00 --	1363 1689 293	Good Good
Jeep	March,2017	6,71,361.00	106440	Good
Motor cycles(2)	2009-10 2009-10	Both Motor cycles were provided by Society for Extension work	67839 29933	Very Poor

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
I. Agricultural Machinery / Implements			
Tractor	2016-17	598291	Good
Trolly	2016-17	155000	Good
Happy Seeder (2)	2016-17 2019-20	112000 140000	Good Good
Sub-soiler	2015-16	7800	Very Poor
Seed Treatment Drum	2012-13	4679	Good
Laser Land Leveler alongwith Disc Harrow	2011-12	398900	Very Poor
M. B. Plough (2)	2011-12	18025	V.Poor
Cultivator 11 tine for Rice-Wheat	2011-12	17000	V.Poor
Cultivator/Weeder for Sugarcane weeding	2011-12	13800	Poor
Trench Digger	2010-11	19800	V.Poor
Seed Drill (9 Rows)- 2	1996-97	16500	V.Poor
Welding Set	1997-98	9706	V.Poor
Happy Seeder -2	2018-19	331520	Good
Chopper/Shredder/Mulcher -4	2018-19 2019-20	370000 270000	Good Good
Zero Till Drill -4	2018-19	227360	Good
Reversible M B Plough-3	2018-19 2019-20	195000 300000	Good
Cutter cum spreader/Shrub Master -1	2018-19	44800	Good
Rotavator (2)	2019-20	210000	Good
II. A.V. Aids			
LED	2016-17	23500	Good
LCD Projector & Camera	2006-07	85000	Poor
PA System & Speakers	2015-16	23975	Good
Display board, stand, Magazine stand etc.	2015-16	10000	Good
III.Office –cum-Lab Furniture/ Equipment			
A.E-extension			
Computer UPS (2 Nos.)	2016-17	73500	Good
Printer (1)	2016-17	15500	Good
Hard disk, Modem & Wi-fi Router	2016-17	13530	Good
HP Laptop	2018-19	32000	Good
HP Laptop	2019-20	38000	Good
HP Printer	2018-19	12500	Good
HP Printer	2019-20	18200	Good
HP Desktop with LED	2018-19	21000	Good
Hard disk (1 TB)	2018-19	3800	Good
Hard disk (1TB)	2019-20	4360	Good
AC (3)	2019-20	102000	Good
Blower (9)	2019-20	9000	Good
Stablizer (2)	2019-20	10620	Good
Speaker (2)	2019-20	11446	Good
B. Lab Equipment			
Mridaparishak (1)	2016-17	90300	Refill not available
Spectro Photmeter	2009-10	886970	Poor
Flame Photometer	2009-10	44300	Poor
PH Meter	2009-10	6940	Satisfied
Conductivity meter	2009-10	15957	Satisfied

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Physical Balance	2009-10	10406	Satisfied
Chemical Balance	2009-10	78750	Satisfied
Water still	2009-10	69620	Poor
Kjeldahl unit	2009-10	43132	V.Poor
Shaker	2009-10	26438	Satisfied
Refrigerator	2009-10	21200	Satisfied
Oven	2009-10	34875	Poor
Hot Plate	2009-10	2250	Satisfied
Grinder	2009-10	18562	Satisfied
Chemicals & Glass ware	2009-10	66980	Satisfied
C.Basic Plant Health Diagnostic Facility /Lab			
Microscope	2009-10	198191	Satisfied
Hot Air Oven Incubator and autoclave	2009-10	156203	Poor
Kent RO with accessory	2009-10	23400	Satisfied
Oven	2009-10	7190	Satisfied
Refrigerator Camera	2009-10	53200	Satisfied Very Poor
Laminar air flow and table desk	2009-10	122496	Satisfied
Thermo hygrometer and heating mantle	2009-10	2374	Satisfied
Inverter	2009-10	23600	Poor
Balance	2009-10	53550	Satisfied
Magnetic stirrer	2009-10	3793	Satisfied
Equipments	2009-10	48625	Satisfied
Almirrah	2009-10	17700	Satisfied
Furniture	2009-10	12375	Satisfied
Glass & Plastic ware/Chemicals	2009-10	73515	Satisfied
Light Trap	2009-10	5400	Satisfied
IV. Hostel /Furniture & Fixture			
Round chairs (15)	2016-17	18666	Good
Centre Tables (2)	2016-17	9619	Good
Arm Chair (2)	2016-17	5656	Good
Office Chairs (10)	2018-19	27730	Good
Office Table	2018-19	4848	Good
Cup Board	2018-19	10148	Good
Computer Tables (2)	2016-17	4525	Good
Coolers (6)	2016-17	61800	Good
Sofa Cushions (4)	2016-17	11765	Good
Hostel Utensils & other items etc.	2016-17	11930	Good
Furniture (Lab chair, Matters, Water Cooler, RO, Stablizer, Invertor , Curtain etc.)	2015-16	447988	Good
Inverter with 2 Batteries	2018-19	21600	Good
Spilit AC Hitachi with Stablizer	2018-19	42800	Good
Almira Godrej	2018-19	19000	Good
Brooders	2018-19	6372	Good
Rehri	2018-19	8800	Good
III. IFS			
Solar Lights	2016-17	97600	Very poor

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

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
1.	28.4.2022	Sh.Akhil Bakshi, President (Online) Society for Creation of Heaven on Earth	--	
2.		Dr.S.K.Singh, Director (Online) ICAR-ATARI, Zone-II, Jodhpur	• Specify the name of weeds in OFT on Weed Management in Maize • Utpadakta (Yield) may be used instead of Utpadan (Yield) • The reason should be mentioned of less yield of Paddy • Same farmers/farm women should be present in farmers training (four days) • Rural youth trainings to be conducted on need based assessment. • The lesson plan may be prepared and feed-back must be collected after training programme. • Fruit Plants age should be mentioned • Area should be mentioned in seed production slide • Crop Cafeteria word may be used instead of Crop Museum	
3.		Dr. Girish Nagpal, Deputy Director Agriculture Department, Ambala (Online)	•	
4.		Dr. Ajesh Kumar, District Horticulture Officer Department of Horticulture, Ambala (Online)	•	
5.		Dr. Neelam Upadhyay (Online) National Dairy Insititute, Karnal	•	
6.		Dr. Anil Kippal, Principal Scientist (Online) ICAR-IIWBR, Karnal	•	
7.		Dr. Devender Chahal, SES (Horticulture) Representative DEE CCS HAU, Hisar	•	
8.		Sh. Subhash Chander, Superintendent District Industries Centre, Ambala Cantt	•	
9.		Sh. I. Jawahar, Director Khadi & Village Industries Commission	• Bee-keeping training should be conducted	
10.		Sh. Deepak Jhakar, DDM NABARD, Ambala	•	

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
11.		Sh. Punit Kumar, LDM LDMO, PNB, Ambala	•	
12.		Sh. Amit Chopra, Technical Expert Khadi & Village Industries Commission	•	
13.		Sh.Praveen Kumar, Area Manager IFFCO,Ambala	•	
14.		Sh. Sukhminder Singh, Progressive Farmer CHC, Sapeda	• Semen Bank should be established in KVK	
15.		Surjeet Singh, Progressive Farmer	•	
16.		Sh. Vinod Kumar, Progressive Farmer	•	
17.		Sh.Baljinder Singh, Progressive Farmer	•	
18.		Sh. Balbir Singh, Progressive Farmer	•	
19.		Mr. Shushil Kumar, Vermi Compust farmer	•	
20.		Mrs. Geeta, Progressive Farm Women	•	
21.		Mrs. Seema, Progressive Farm Women	•	
22.		Dr.Upasana Singh, Member-Secretary	•	
23.		Dr. Ramesh Kumar, SMS (Agril. Extn.)	•	
24.		Dr. Vikram Dhirendra Singh, SMS (P.P.)	•	
25.		Dr.Amit Kumar, SMS (Horticulture)	•	
26.		Dr.Rajendra Kumar Singh, SMS (Agronomy)	•	
27.		Sh.Abhay Kumar, Farm Manager	•	
28.		Mrs. Kajal, Programme Assistant (H.Sci.)	•	
29.		Sh.Dhirendra Singh, SRF (ARYA)	•	
30.		Sh.Yogesh Kumar, Assistant	•	
31.		Mrs.Meera Sharma, Computer Programmer	•	
32.		Miss Vishu, Agromet Observer (DAMU)	•	
33.		Sh.Charanjeet Singh, Steno	•	
34.		Sh. Gaurav, FCA, CRM	•	

**** A copy of SAC proceedings along with list of participants Attached (Annexure- I)***

2. DETAILS OF DISTRICT

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

S. No	Farming system/enterprise
1	Rice-Wheat
2	Rice-Sugarcne-Wheat
3	Rice-Potato-Rabi onion/Maize
4	Wheat-Summer Moong-Rice
5	Dairy Farming, Back-yard Poultry& small scale household enterprises

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

S. No	Agro-climatic Zone	Characteristics
1	Dry-sub Humid Zone of Haryana State	Average Rainfall : 1000 mm/yr.(app.) Ground Water Status – Dark Zone Temperature range - 2^0C – 45^0C Source of Irrigation : Tubewell (96%) & Canal (14%)
2	Agro ecological situation i) Geographical Area (ha) : 153171 ii) Net Sown Area (ha) : 133424	Area under crops : 62%, 66% & 8% (Rice,Wheat & Sugarcane) Area under Horticulture Crops : 10-12% Area under Agro-forestry crops:3.32% area
3	General Census (2011) No. of Villages : 486 Blocks : 6 Population (Total Persons) : 1136784 Male - 604044 Female- 532740 Literacy Rate : 82.9 % Male - 88.5% Female- 76.6%	

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	**South –West part**	Very deep well drained coarse loamy calcareous stratified soils with loamy surface on nearly level plain. Slightly eroded, subject to slight flooding associated with slight salinity	Block : Ambala-I (~ 50400 ha)
		Very deep moderately well drained fine loamy calcareous soils with loamy surface on nearly level plain lightly saline, slightly sodic moderately flooded, gently sloping plain with slight erosion in some areas	Block: Ambala-II (~ 13100 ha)
	North-East part	Stratified coarse loamy soil with loamy surface on nearly level plain slightly eroded, slightly sodic subject to slight flooding. Associated with very deep well drained calcareous stratified coarse loamy soils with loamy surface	Block: Saha (~ 15300 ha)
		Very deep well drained coarse loaming calcareous stratified soils with loamy surface on very gently sloping plain moderately eroded slightly sodic sandy soils	Block: Naraingarh & 40% of Barara & 60 % Shahzadpur(39000 ha)
		Very deep moderately well drained fine loamy soil with loamy surface on nearly level plain slightly eroded	60% of Block Barara & 40 % Block Shahzad-pur(~17200 ha)

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1	Paddy	93,946	3858362.22	41.07
2	Wheat	87,884	3610274.72	41.08
3	Maize	218	8619.72	39.54
4	Sugarcane	9900	8036820	811.80
5	Mustard	6073	108706.70	17.90
6	Sunflower	5129	99194.86	19.34
	Pulses			
II	**Horticulture crops**			
I	Fruits			
1	Mango	1432.9	10122	7.063996
2	Guava	560.1	10888	19.43939
3	Citrus	59	802	13.59322
4	Aonla	12	356	29.66667
5	Chiku (Sapota)	184	722	3.923913
6	Peach	23	252	10.95652
7	Pear	25	364	14.56
8	Plum	14	84	6
9	Ber	4	62	15.5
10.	Litchi	29.4	288	9.795918
11.	Water melon	152	2056	13.52632
12.	Muskmelon	178	1604	9.011236
14.	Bael	3	12	4
15.	Pomegranate	2	20	10
16.	Others	122	1552	12.72131
	Total	2798.4	29184	10.42882
III	**Vegetable crops (March-December,2020)**			
1	Potato	3610	95724	26.51634
2	Onion	3120	55362	17.74423
3	Tomato Open Tomato Protected cultivation	910 1	25856 178	28.41319 178
4	Radish	1944	53838	27.69444
5	Carrot	1614	37832	23.4399
6	Cabbage	115	1954	16.9913
7	Cauliflower	2740	46000	16.78832
8	Green Chillies	370	2578	6.96 7568
9	Capsicum Capsicum (Protected cultivation)	906 4	17969 2130	19.83223 532.5

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
10	Bhindi	1028	9240	8.988327
11	Brinjal	256	4154	16.22656
12	Peas	836	11582	13.85407
13	Leafy vegetables	4274	62412	14.60271
14	Cucurbits			
	i) Bottle gourd	1076	13570	12.61152
	ii) Ridge gourd /Sponge Gourd	326	5344	16.39264
	iii) Cucumber iv) Cucumber (Protected cultivation)	126 32	526 2622	4.174603 81.9375
	v) Pumpkin	82	1834	22.36585
	vi) Bitergurd	291	2700	9.278351
15	Others	2976	42290	14.21035
	Total	**26637**	**495694**	**18.60923**

2.5. Weather data

Month	Rainfall (mm)	Temperature ^{0} C		Relative Humidity (%)
		Maximum	Minimum	
January,2022	143.5	16.31	9.52	
February,2022	19.6	21.74	9.89	
March,2022	0	29.82	16.71	
April, 2022	0.5	39.2	23.1	
May, 2022	26.4	37.2	25.6	
June, 2022	64.4	39.3	26.9	
July, 2022	351.6	34.6	26.3	
August, 2022	73.5	34.7	26.7	
September, 2022	280.7	33.2	24.6	
October, 2022	42.7	31.4	19.7	
November, 2022	0.8	27.0	14.2	
December, 2022	0	20.0	9.3	

(Source: Metrology Department, Chandigarh)

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

Category	Population	Production	Productivity
Cattle	71160	2853.0 tons	4.8 Lit/D/Animal
Crossbred			
Indigenous			
Buffalo	137620	161307.0 tons	4.6 Lit/D/Animal
Sheep	16887	25368 kg. Wool 251147.23 kg. Meet	--
Crossbred			
Indigenous			
Goats	6695	511100.00 kg Milk 454138.00 kg. Meet	--
Pigs	4128	303431.00 kg. Meet	56.39 kg./Pig
Crossbred			
Indigenous			
Horse pony	521	--	--
Mules	226	--	--
Donkeys	3	--	--
Dogs	4172	--	--
Rabbits	56	--	--
Hens	2873268	258037300 Eggs	317136 kg. Chicken
Fish			
Ponds	370.14 ha (Area)	1932.5 ton	5.14 /ha
Notified waters (Rivers etc.)	--	200 ton	--

(Source: AHD, Deptt. of Haryana, Ambala (2022)

2.7 Details of Operational area / Villages (2021)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Barara Saha	Saha	Akbarpur,Allahpur, Bihta, Chudiala, Chudiali,Chhapra,Dinarpur,Dhurala, Dubli,Ghasitpur,Gokalgarh, Gaganhedi, Gola, Goli,Haldari,Harda, Hardi, Hamidpur, Jawahargarh, Jhadumajra, KakadkundaKalpi, Keshopur,Khanpur Kesri, Kharu Khera, Laha,Landha,Langer-chhani, Malikpur, Mehmoodpur,Mithapur, Mehtabgarh Nagla Jattan,Nahoni,Naggal Paplotha,Pasiala, Phulelmajra, Pilkhani, Sabapur,Sabga, Saha,Sambhalkha,Shergarh Samlehri,Tamnauli,Talrehri,TaperiaTharwa,Thakurpura,Tharwa,Tepla, Tobba,Haryoli,Rampur,Uplana	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity hazards in soil - Traditional sowing & field preparation techniques -Insect- Pest & Disease occurrence	-Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management
				Potato, Onion & other Vegetable and Fruit crops	Low yield in Horti. crops due to: -Old varieties -Poor net return due to sole crops -Poor crop management techniques & unjudicious use of inputs -Insect- Pest & Disease occurrence	-Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout
				Livestock	-Low milk yield -An-oestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats	-Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation
				Women Empowerment	-Unhygienic condition, poor health & nutritional status	Promotion of secondary agriculture i.e. Poultry,Mushroom cultivation -Promotion of nutrition gardens for family health & sustainable livelihood -Women empowerment through knowledge and skill upgradation

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
2	Barara	Barara	Adhoya,Alipur,Barara,Bhudian, Chahal majra, Binjalpur, Dera Salaimpur, Dhanaura, Dhanauri,Dheen, Dhayiamajra, Duliana,Gheldi, Gaganhedi,Gokalgarh, Hemamajra, Holi,Jharumajra, Kakadmajra, Khera, Manka manki, Milak Dhankotan, Mullana,Mamjera. Rajauli,Rola Hedi, Talheri Gujran, Tamnauli, Thamber, Sirasgarh, Sadakpur,Sohana,Tangail Panjail, Alipur, Sherpur Sulkhani	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity hazards in soil - Traditional sowing & field preparation techniques -Insect- Pest & Disease occurrence	-Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management
				Potato, Onion & other Vegetable and Fruit crops	Low yield in Horti. crops due to: -Old varieties -Poor net return due to sole crops -Poor crop management techniques & unjudicious use of inputs -Insect- Pest & Disease occurrence	-Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout
				Livestock	-Low milk yield -An-oestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats	-Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation
				Women Empowerment	-Unhygienic condition, poor health & nutritional status	-Women empowerment through knowledge and skill upgradation
3	Ambala cantt	Ambala –II	Ambala Cantt,Bhilpura, Brahanmajra,Kardhan, Khudda, Manglai,Naggal, Ratanheri,Sapeda, Kapoori, Munrehri	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity hazards in soil	-Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
					- Traditional sowing & field preparation techniques -Insect- Pest & Disease occurrence	-Enhancement of Crop productivity with nutrient, disease, pest & weed management
				Potato, Onion & other Vegetable and Fruit crops	Low yield in Horti. crops due to: -Old varieties -Poor net return due to sole crops -Poor crop management techniques & unjudicious use of inputs -Insect- Pest & Disease occurrence	-Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout
				Livestock	-Low milk yield -An-oestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats	-Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation
				Women Empowerment	-Unhygienic condition, poor health & nutritional status	-Women empowerment through knowledge & skill upgradation -Improved Health, Hygiene & Sanitation
4	Ambala city	Ambala-I	Ambala City,Babaheri Bullana,Bhoora Majra Durana, Dukhedi, Fazailpur, Kot katchua, Lakhnoura Sahib,Janetpur,Handesra , Mardo Sahib, Machhonda,Mohra, Naggal, Nagla Nanku,Nanyola, Panjokhra,Sambhalkhi, Adhomajra, Garnala	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity hazards in soil - Traditional sowing & field preparation techniques -Insect- Pest & Disease occurrence	-Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
				Potato, Onion & other Vegetable and Fruit crops	Low yield in Horti. crops due to: -Old varieties -Poor net return due to sole crops -Poor crop management techniques & unjudicious use of inputs -Insect- Pest & Disease occurrence	-Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout
				Livestock	-Low milk yield -An-oestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats	-Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation
				Women Empowerment	-Unhygienic condition, poor health & nutritional status	-Women empowerment through knowledge & skill upgradation -Improved Health, Hygiene & Sanitation
5	Narain garh	Shahzadpur	Banondi, Bibipur,Bahlauli, Bichpari, Jolly, Kadasan,Kodwa kalan, Kodwa Magarpura,Neknama Panjeto, Patrehri,Rachheri, Santokhi,Fatehgarh,Kakar-kunda, Fatehpur	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity hazards in soil - Traditional sowing & field preparation techniques -Insect- Pest & Disease occurrence	-Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management
				Potato, Onion & other Vegetable and	Low yield in Horti. crops due to: -Old varieties	-Promotion of improved varieties, crop production & management technologies

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
				Fruit crops	-Poor net return due to sole crops -Poor crop management techniques & unjudicious use of inputs -Insect- Pest & Disease occurrence	-Promotion of inter-cropping layout
				Livestock	-Low milk yield -An-oestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats	-Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation
				Women Empowerment	-Unhygienic condition, poor health & nutritional status	-Women empowerment through knowledge and skill upgradation
6	Narain garh	Naraingarh	Badagaon,Badholi,Badi kodi Bakhtua,Ballopur ,Batti,Badagarh Barso Majra, Gokalgarh Gadauli, Hasanpur,Nanhera, Salaula,Chazal Majra,Laha,Ahmadpur	Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	Low Yield : -Low yielding old varieties -Low productivity due to Rice-wheat cropping system Sodicity hazards in soil - Traditional sowing & field preparation techniques -Insect- Pest & Disease occurrence	-Promotion of RCT to get high return -Integrated crop management -Crop diversification in rice-wheat cropping system through pulses -Soil Fertility Management -Enhancement of Crop productivity with nutrient, disease, pest & weed management
				Potato, Onion & other Vegetable and Fruit crops	Low yield in Horti. crops due to:-Old varieties -Poor net return due to sole crops -Poor crop management techniques & unjudicious use of inputs -Insect- Pest & Disease occurrence -Low milk yield	-Promotion of improved varieties, crop production & management technologies -Promotion of inter-cropping layout

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
				Livestock Women Empowerment	-An-oestrus, Repeat Breeding -Low egg production of desi birds -High mortality -Mineral deficiency in goats -Unhygienic condition, poor health & nutritional status	-Improvement in housing, feeding, breeding, fertility and other health management in dairy animals through knowledge up-gradation -Promotion of secondary agriculture i.e. Poultry,Mushroom cultivation -Women empowerment through knowledge and skill upgradation -Promotion of nutrition gardens for family health & sustainable livelihood

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	❖ Promotion of RCT to get high return ❖ Integrated Crop Management ❖ Crop Diversification in rice-wheat cropping system ❖ Soil Fertility Management ❖ Enhancement of Crop productivity with nutrient, insect, pest, disease & weed management ❖ Promotion of Natural faming ❖ Promotion of Bio-fortified varieties of Wheat, Mustard & Lentil etc.
Potato,Onion,Tomato,Coriander (Vegetable crops)	❖ Promotion of : Improved varieties Crop production & management techniques ❖ Enhancement of Crop productivity with nutrient, insect, pest, disease & weed management ❖ Promotion of Cluster Based Business Organization (CBBO) in Onion ❖ Promotion of Natural farming
Livestock	❖ Prevention of Mastitis in Cattle ❖ Management in Dairy animals, Goat, Poultry, Pig through knowledge up-gradation ❖ Promotion of small enterprises for sustainable income generation
Women Empowerment	❖ Women empowerment : Knowledge & skill up gradation ❖ Promotion of Kitchen gardens ❖ Improve Health, Hygiene & Sanitation ❖ Promotion of Bio-fortified varieties ❖ Value addition of seasonal Fruits, Vegetables & Milk

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2021

OFT (Technology Assessment)				FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises)			
1				2			
Number of OFTs		Total no. of Trials		Area in ha		Number of Farmers	
Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
7	5	70	50	104	161	375	512

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Farmers	36	24		643	166	366	8074	40535
Rural youth	12	7		225				
Extn. Functionaries	4	1		20				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
180	40.77	68	3000	1217	98

Livestock (No.)		
5		
Target	Achievement	Distributed to no. of farmers
1000	1217	98

Vermi Compost (Qtl.)			Mushroom (Qtl.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
50	50	KVK farm	1.0	0.75	5

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 Management	--		--	--
	--	--	--	--
Varietal Evaluation	--	--	--	--
	--	--	--	--
Integrated Pest Management	--	--	--	--
	--	--	--	--
Integrated Crop Management	--	--	--	--
	--	--	--	--
Integrated Disease Management	Potato	Management of Early blight in Potato	1	10
	--	--	--	--
	Chilli	Management of Leaf curl disease in Chilli	1	10
Small Scale Income Generation Enterprises	--	--	--	--
	--	--	--	--
Weed Management	Onion	Efficacy of different herbicides for Weed Management in Onion	1	10
	--	--	--	--
Resource Conservation Technology	--	--	--	--
	--	--	--	--
Farm Machineries	--			
	--	--	--	--
Integrated Farming System	--	--	--	--
	--	--	--	--
Seed / Plant production	--	--	--	--
	--	--	--	--
Post Harvest Technology / Value addition	--	--	--	--
	--	--	--	--
Drudgery Reduction	--	--	--	--
	--	--	--	--
Storage Technique	--	--	--	--
	--	--	--	--
Total			**3**	**30**

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	Pig	Assessment of Prebiotic containing Refined functional Carbohydrates (RFCs) on Piglet's overall Health & immunity	1	10
Evaluation of Breeds	--	--	--	--
Feed and Fodder management	--	--	--	--
Nutrition Management	--	--	--	--
Production and Management	Poultry	Assessment of Dietary Electrolyte Balanced (DEB) Diet to optimize production in Poultry	1	10
Total			**2**	**20**

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 ASSESSMENT IN DETAIL

WEED MANAGEMENT

1. Efficacy of herbicides for Weed management in Onion (NHRDF Red)

Problem : Low yield due to poor weed management

Cause : Cyperus rotundus and Cynodon dactyon weeds

Technology Assessed: KVK, Ambala took up on-farm trial on Efficacy of herbicides for Weed Management in Onion (NHRDF Red). The results indicated that the use of Goal (Oxyflurofen 23.5 EC) @ 625 gm/ha + two time hand weeding (PAU) gave 20 % increase in yield over Pendimethalin 3.75 lit/ha + two time hand weeding.Farmers are satisfied with this technology due to weed control efficacy 86.21% and Average yield 136.5 q/ha.

Table : Efficacy of herbicides for Weed management in Onion (NHRDF Red)

Technology Assessed	*No of Trials*	*Weed control efficacy (%)*	*Dia-meter of Bulb (cm)*	*Weight of Bulb (gm)*	*Av. Yield (q/ha)*	*% increase in Yield*	*Cost of Cultivation (Rs./ha)*	*Gross Return (Rs./ha)*	*Net Return (Rs/ha)*	*BC Ratio*
T_1– Pendimethalin 3.75 lit/ha + Two time hand weeding (F.P.)	10	43.41	4.87	55.15	109.2	20	67000	163800	96800	1.44
T_2- Goal (Oxyfluorfen 23.5 EC) 625 gm/ha +Two time hand weeding 45-50 days & 75 days (Rec.)		86.21	5.10	48.85	136.5		70000	204750	134750	2.92

2. Efficacy of Early blight in Potato

Problem: Low yield due to Eearly blight disease at the time of Tuber formation

Cause: Favorable weather condition for spreading of Pathogen

Technology Assessed: Krishi Vigyan Kendra, Ambala conducted trial for Efficacy of Early blight in Potato.The results indicated that the use of 4 -5 spray of Mancozeb M-45 @ 1.5 kg/ha at 15 days of Interval gave 21.80% increase in yield over One spray of Mancozeb M -45 @ 500 gm/ha followed by farmers practice. Farmers are satisfied with this technology due to inciednece of early blight in potato (8%) in comparision (14%) in farmers practice.

Table : Efficacy of Early blight in Potato

Technology Assessed	**No.of trials***			**% Increase in Yield**	**Cost of Cultivation (Rs./ha)**	**Gross Return (Rs./ha)**	**Net Return (Rs/ha)**	**BC Ratio**
		Incidence of Early blight (%)	**Av. Yield (q/ha)**					
T_1- One spray of Mancozeb M -45 @ 500 gm/ha (F.P.)	10	14	135.75	21.80	56500	67875	11375	1.20
T_2- 4-5 spray of Mancozeb M-45 @ 1.5 kg/ha at 15 days of Interval (Rec.)		8	165.35		58300	82675	24375	1.41

*No.of trials are no. of replications.

3. Management of Leaf curl in Chilli

Problem: Low yield due to occurance of Leaf curl disease (White fly attack) in Chilli
Cause: Use one spray only on transplanted seedlings.

Technology Assessed:
Krishi Vigyan Kendra, Ambala conducted trial for Management of Leaf curl in Chilli. The results indicagted that the use of two spray of Imidachlorpride @ 1 lit./ha at 15 days of interval gave 21.83% increase in yield over one spray of Chlorpyriphose @ 1 lit./ha followed by farmer practice. Farmers are satisfied with this technology due to incidence of leaf curl in Chilli (10%) in comparison (15%) in farmers practice.

Table : Management of Leaf curl in Chilli

Technology Assessed	No.of trials*			% Increase in Yield	Cost of Cultivation (Rs./ha)	Gross Return (Rs./ha)	Net Return (Rs/ha)	BC Ratio
		Incidence of Leaf curl (%)	Av. Yield (q/ha)					
T_1- One spray of Chlorpyriphos @ 1lit/ha (F.P.)	10	15	245	21.83	82000	612500	530500	7.46
T_2- Two spray of Imidachlorpride @ 1 lit./ha(Rec.)		10	298.5		87500	746250	659750	8.52

*No.of trials are no. of replications.

LIVE STOCK ENTERPRISES

4. Assessment of Prebiotic containing Refined functional Carbohydrates (RFCs) on Piglet's overall Health & immunity

Problem: Retarded growth and weak immunity

Cause: Imbalanced Diet /Malnutrition in piglets

Technology Assessed: Assessment of Prebiotic containing Refined functional Carbohydrates (RFCs) on Piglet's overall Health & immunity
KVK, Ambala conducted trial on Assessment of Prebiotic containing Refined functional Carbohydrates (RFCs) on Piglet's overall Health & immunity (NRCP,Guwahati-). The farmers were normally feeding without any prebiotic supplementation to pigs. The trial conducted on feeding with Supplementation of prebiotic containing Refined functional Carbohydrates (RFCs) which helps in proper metabolism and so found the body weight 60 kg of 6 months piglets) higher than farmers practice i.e. 45 kg (6 months piglets) as well as disease infection found (5%) less than farmers practice 20%. The net return was also higher i.e. Rs. 3300/-piglet in assessed trial than Rs. 2000/- in farmers practice and BCR was 2.2 in comparison to 1.8 (FP)

Table : Assessment of Prebiotic containing Refined functional Carbohydrates (RFCs) on Piglet's overall Health & immunity

Technology Assessed	Body weight of piglets at 6 months (kg.)	Disease Infection (%)	Cost of Rearing (Rs./Piglet/6 months)	Net Return (Rs./piglet/6 months)	BCR
T1 – Feeding without any supplementation (F.P.)	45	20	2500	2000	1.8
T2- Feeding with Supplementation of prebiotic containing RFCs –Ass.	60	5	2700	3300	2.2

5.Assessment of Dietary Electrolyte Balanced (DEB) Diet to optimize production in Poultry

Problem : Quantitative as well as Qualitative Suboptimal production in Poultry

Cause : Scoring & low growth in Poultry

Technology Assessed: Assessment of Dietary Electrolyte Balanced (DEB) Diet to optimize production in Poultry

KVK, Ambala conducted trial on Optimize production in Poultry (DPR, Hyderabad). As in T_1 treatment Farmers not following Dietary Electrolyte Balance feeding no any such supplement due to which scouring problem were there & hence result to suboptimal growth and production. In T_2 treatment trial conducted with Dietary Electrolyte Balanced (DEB) Diet by DCAD supplementation and hence scoring problem reduced by 35% and weight / broiler bird optimized in proper time i.e. 1.8 kg on 30^{th} day as compare to 1.6 kg on 30^{th} day in T_1 (Farmer practice) on an average. The net return was also higher i.e. calculated an average net return from 1000 broiler bird Rs. 30,000/- in assessed trial as compare to 24,000/- in farmers practice. BCR was 1.8 in compare to 1.6 (F.P.)

Table : Assessment of Dietary Electrolyte Balanced (DEB) Diet to optimize production in Poultry

Technology Assessed	Scoring /Disease (%)	Body wight Kg/Bird (30 days)	Gross Cost (Rs./1000 Birds)	Net Return (Rs./1000 Birds)	BCR
T_1 –Standard diet without DEB (F.P.)	65	1.6	80,000.00	24,000.00	1.6
T_2- Standard diet + DEB supplementation @ 200-250 meq/kg (DPR,Hyderabad)- Ass.	30	1.8	1,00,000.00	30,000.00	1.8

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2020 and recommended for large scale adoption in the district

S. No	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No.of Villages	No.of Farmers	Area in ha
1	Oilseed (Toria, Mustard & Sunflower)	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management	• Package & practices • Improved variety of Sunflower(PSH-1962) • Improved variety of Toria (TL-17) • Improved variety of Mustard (PM-21, PM-28, Pusa Tarak) • IPM of Bihar hairy caterpillar in Sunflower • Control of Head borer in Sunflower • Plant protection measures against Downey mildew in Toria	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Samples anaysed Social Media	70	996	449
2	Pulse crops (Chickpea, Arhar Mungbean & Lentil)	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management	• Package of practices • Improved variety of Chickpea (GNG-1958,CSJ-515, GNG-2144, GNG-2171) • Recommended variety of Mungbean(MH-421,SML-832,M.H.421) • Improved variety of Lentil(LL-931, L-4727) • Plant protection Measures for Pod borer in Chickpea • IPM of Bihar Hairy Caterpillar in Mungbean • Improved variety of Arhar (AL-882)	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Publication & Messages • Messages • Kisan Mela visits • Samples anaysed Social Media	98	1036	488
3	Rice	• Varietal evaluation • Integrated Crop Management • Integrated Pest &	• Package & Practices • Improved varieties (HKR-127,PR-121,PPB-3,Pusa -1401,1509 & 1612,PR-124 & PR-114,PB-1121, HKR-128 etc.) • Leaf folder attack Management in Rice • Sheath blight Management in Rice • Bacterial leaf blight Management in Rice	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Publication & Messages • Messages • Kisan Mela visits • Samples anaysed	92	902	829

S. No	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No.of Villages	No.of Farmers	Area in ha
		Disease Management • Soil & Water Testing	• Management of Alkali soil for yield enhancement • Soil testing based fertilizer application • Management of Bakanae disease in Basmati rice	Social Media			
4	Wheat	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management • Management of problematic soil & water	• Package & practices • Improved seed (DBW-187, DBW-90, HD-3226, HD-2967,HD-2733, HD-2894, Unnat PBW-343 WH-1105,HD-3059, HD-3086,HD-3226,PBW-677,HPBW-01 & WB-2, DBW-222, Late variety DBW-90) • Management of Aphid, Yellow Rust& Karnal Bunt disease • Management of high RSC water for yield enhancement • Soil testing based fertilizer application •	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Samples anaysed Social Media	116	1247	5778
5	**Sugarcane**	• Integrated Pest Management	• Plant protection measures to control of Top borer • Plant protection measures to control of Black bug	• FAS • Trainings & Lectures •	4	40	16
6	**Maize**	• Integrated Pest Management • Weed management	• Plant protection measures to control of Maize shoot fly • Weed management through Tembotrione (Laudis) herbicide	• OFT, FLD	3	30	8
7	**Vegetables /Fruits** Potato Tomato Onion Palak Muskmelon	• Varietal evaluation • Integrated Crop Management • Integrated Pest & Disease Management	• Seed Treatment • Variety Kufri Khyati & Kufri Pukhraj of potato • Variety of Palak (Pusa Bharti) • Weed management • Management of Leaf curl disease , Purple Blotch & Thrips • Foliar application of Chemical fertilizer • ICM in Muskmelon of Red Pumpkin Beetle	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Publication & Messages • Kisan Mela visits • Samples anaysed Social Media	50	448	236

S. No	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No.of Villages	No.of Farmers	Area in ha
			• IDM of late blight in Potato • Management of Bacterial wilt in Tomato				
8	Direct seeding of Rice	RCT/Farm Machinery	-Method of sowing with DSR -Package & practices	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Demo. & Soil Samples Social Media	22	276	125.2
9	Happy Seeder/Zero tillage in Wheat	RCT/Farm Machinery	Method of sowing with Happy Seeder/ Zero tillage & package of practices	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Demonstration& Soil Samples Social Media	46	602	425.6
10	Paired Row Trench Digger in Sugarcane and sub soiler M.B.Plough	RCT/Farm Machinery	-Method of Paired Row Trench Plantation & Package & practices -Different sowing method	• OFT,FLD & FAS • Trainings & Lectures • Kisan Gosthi • Field Days • Publication & Messages • Kisan Mela visits • Demonstration & Soil Samples	21	266	120
11	Poultry	-Production & management Nutrition Management	Back-yard Poultry :Improved Breed (CARI Nirbheek, Chabron & Vanraja)	• OFT, FLD & FAS • Trainings & Lectures • Publication & Messages • Exposure visits • Exhibition • Social Media	38	512	3444 Birds

S. No	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No.of Villages	No.of Farmers	Area in ha
12	Dairy	-Disease Management -Production & Management	-Prevention of mastitis in dairy animals -Mineral mixture supplementation -Feed suppliment's effect on production & management -Ethnoveterinary practices	• OFT, FLD & FAS • Trainings & Lectures • Exposure visits • Publication & Messages Social Media	15	202	220animals
13	Pigs	-Evaluation of breed -Feed & Fodder Management	- Breed Large White York Shire -Replacement of 50% feed with sugarcane press mud (Maili)	• OFT, FLD & FAS • Trainings & Lectures • Publication & Messages • Exposure visits • Exhibition Social Media	25	196	617 Animals
14	Fodder /Azolla	Feed & Fodder Management	-Improved variety of Maize (J-1006) -Berseem (BL-42 & BL-10) -Azolla - Napier Grass	• OFT,FLD & FAS • OFT & FLD • Trainings & Lectures • Field Day • Publication & Messages Social Media	27	191	74
15	Women Empower-ment	1.Nutritional security by kitchen gardening 2.Women & Child Health Care	-Seed of improved variety of vegetables	Promotion of technologies through • Various extension approach • Awareness programmes, Trainings,Demonstrations • Print Media & Social Media	43	687	--

b. Details of FLDs implemented during 2021 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

I. FLD on Oilseeds

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Mustard	Integrated Crop Management	-Bio fortified variety of Mustard (PM-30)	Rabi 2021-22	8.0	8.0	8	12	20	--

2. Details of farming situation

Crop	**Season**	**Farming situation (RF/Irrigated)**	**Soil type**	**Status of soil**			**Previous crop**	**Sowing date**	**Harvest date**	**Seasonal rainfall (mm)**	**No. of rainy days**
				N	P	K					
1.Mustard	Rabi 2021-22	Irrigated	Sandy loam	110.86	16.65	155.28	Paddy	14-25 Oct.21	14 Feb.- 1 Mar.22	202.6	19

3. (A) Technical Feedback on the demonstrated technologies

Crop	**Feed Back**
1.Mustard	The demonstration of CFLD Oilseed crop Mustard variety PM-30 & performed better as compare to **Bayer-5111** which variety used by farmers. Demonstrated variety having short duration also.

3. (B) Farmers' reactions on specific technologies

S. No	**Feed Back**
1.Mustard	The farmers are satisfied with the result of Mustard variety PM-30.

4. Extension and Training activities under FLD

Sl.No.	**Activity**	**No. of activities organised**	**Date**	**Number of participants**	**Remarks**
1	Field days (Dukheri)	1	18-02-22	34	--
2	Farmers Training i. Integrated Crop Management in Mustard	1	25-3-22	50	--
3	Media coverage	1	--	--	--
4	Training for extension functionaries	--	--	--	--
5.	Kisan Gosthi Farmers-Scentstis interaction on Mustard crop	1	20-10-21 16-10-21	125 456	

II. FLD on Pulse Crops

Sl. No	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ Demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1	Lentil	Varietal Evaluation	Improved variety of Lentil (L-4727)	Rabi 2021-22	10	20	25	25	50	--
2	Chickpea	Integrated Crop Management	-Improved variety of Chickpea (P-3043) & producion techniques	Rabi 2021-22	10	10	0	25	25	--
3	Mungbean	Integrated Crop Management	-Improved variety of Mungbean (P-1431) & crop production techniques	Summer-2022	25	25	0	62	62	--
4	Arhar	Integrated Crop Management	Integrated Crop Management in Arhar	Kharif -2022	--	10	3	22	25	--

1. Details of farming situation

Crop	Season	Farming situation (RF/Irriga ted)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
1.Lentil	Rabi 2021-22	Irrigated	Sandy loam	98.95	19.08	158.68	Paddy	20-10-21 to 5-11-21	5-3-22 to 3-4-22	202.6	19
2.Chickpea	Rabi 2021-22	Irrigated	Sandy loam	90.45	18.11	172.15	Paddy	05-10-21 to 25-10-21	20-03-22 to 10-04-22	202.6	19
3.Mungbean	Summer-2022	Irrigated	Sandy loam	85.78	17.22	170.28	Wheat & Potato	16-3-22 to 14-4-22	24-5-22 to 21-6 2022	91.3	7
4.Arhar	Kharif-2022	Irrigated	Sandy loam	6	16	12	Wheat	15-6-22 to 20-6-22	Failed	749.3	12

2. (A) Technical Feedback on the demonstrated technologies

Crop	Feed Back
1.Lentil	-L- 4727 performance better as compare to local because its more branches and pods and medium size of grain -Tolerant to wilt disease.
2.Chickpea	-P-3043 variety of Chickpea performance better as compare to local because its more branches and pods and medium size of grain.No occurrence wilt disease.No irrigation required during the crop due to time to time rainfall received
3. Mungbean	Crop failed due to temperature of flucutulated at flowering stage
4.Arhar	Arhar crop third time demonstrated at farmers field but due to climatic condition late flowring and pod formation.

3 (B) Farmers' reactions on specific technologies

Crop	Feed Back
1.Lentil	Yield enhanced due to Best Agronomical practices. Farmers satisfied and committed they use variety (L- 4727) than local varieties
2.Chickpea	Yield enhanced due to Best Agronomical practices
3.Mungbean	Crop failed due to temperature of flucutulated at flowering stage
4.Arhar	Arhar crop failed due to climatic condition late flowring and pod formation

3. Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				
	➢ Chickpea (Salarehri) ➢ Lentil (Salarehri)	2	31-3-2022 30-3-2022	60 60	
2	Practising Farmers Training				
	➢ Integrated Crop Management in Pulses	1	27-11-2021 to 1 - 12-2021	25	
3	Media coverage	2			
4	World Pulse Day	1	10-02-2022	45	

FLD on Other crops

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
i	**Cereals**									
I	**Wheat**									
	Wheat Timely sown									
1	Wheat	Varietal Evaluation	Bio-fortified variety of Wheat : DBW-303	Rabi 2021-22	4	4	0	10	10	--
2	Wheat	Varietal Evaluation	Bio-fortified variety of Wheat : DBW-187	Rabi 2021-22	4	4	0	10	10	--
3	Wheat	Varietal Evaluation	Bio-fortified variety of Wheat : DBW-222	Rabi 2021-22	5	5	12	0	12	--
	Wheat Late Sown									
4	Wheat	Varietal Evaluation	Late variety of Wheat :DBW-90	Rabi 2021-22	6	6	**0**	15	15	--
II	**Maize**									
5	Maize	Nutrient Management	Foliar application of Zinc in Maize	Kharif-2022	0	10	4	21	25	--
ii	**Vegetables**									
6	Tomato	Integrated Crop Management	Integrated Crop Management in Tomato	Rabi 2021-22	4	4	0	10	10	--
7	Tomato	Integrated Disease Management	Integrated Disease Management (Early blight)	Rabi 2021-22	4	4	0	10	10	--
8	Potato	Integrated Crop Management	Integrated Crop Management	Rabi 2021-22	4	4	0	10	10	--
9	Onion	Varietal Evaluation	Improved variety of Onion : NHRDF-RED	Rabi 2021-22	4	4	0	10	10	--
10	Onion	Varietal Evaluation	Improved variety of Onion : NHRDF-RED 4	Rabi 2021-22	7	7	25	0	25	--
11	Chilli	Integrated Disease Management	Integrated Disease Management in Chilli (Leaf curl)	Kharif 2021-22	4	4	0	10	10	--
	Commercial Crops									
	--	--								

2. Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Cereals											
Wheat											
Wheat Timely sown											
Wheat	Rabi 2021-22	Irrigated	Sandy loam	108	20.10	210	Paddy	18-28 Oct. 2022	10-15 April, 22	202.6	19
Wheat	Rabi 2021-22	Irrigated	Sandy loam	115	19.40	205	Paddy	18-28 Oct. 2022	10-15 April, 22	202.6	19
Wheat	Rabi 2021-22	Irrigated	Sandy loam	118	18.30	170	Paddy	18-28 Oct. 2022	10-15 April, 22	202.6	19
Wheat Late Sown											
Wheat	Rabi 2021-22	Irrigated	Sandy loam	118	18.30	170	Paddy	18-28 Oct. 2022	10-15 April, 22	202.6	19
Maize											
Maize	Kharif -2022	Irrigated	Sandy loam	50	24	12	Wheat	25-6-2022 to 2-7-2022	2-15 Dec.22	749.3	12
Vegetables											
Tomato	Rabi 2021-22	Irrigated	Loam	190	22.40	215	Paddy	9-8-21 to 12-8-21	20-2-22	202.6	19
Tomato	Rabi 2021-22	Irrigated	Loam	107	21.50	220	Paddy	9-8-21 to 12-8-21	20-2-22	202.6	19
Potato	Rabi 2021-22	Irrigated	Loam	190	22.40	215	Paddy	25-10-21 to 30-10-21	22-1-22 to 15-2-22	202.6	19
Onion	Rabi 2021-22	Irrigated	Loam	107	21.50	220	Paddy/Potato	2-12-21 to 10-12-21	10-15 April, 22	202.6	19
Onion	Rabi 2021-22	Irrigated	Loam	190	22.40	215	Paddy/Potato	2-12-21 to 10-12-21	10-15 April, 22	202.6	19
Chilli	Kharif 2021-22	Irrigated	Loam	107	21.50	220	Potato	14-2-22 to 18-2-22	15-20 Nov.22	860.2	27
Commercial Crops											

3. (A) Technical Feedback on the demonstrated technologies

Crop	Feed Back
Cereals	Farmers are satisfied with DBW-303 variety of wheat.
Wheat	Farmers are satisfied with DBW-187 variety of wheat.
Wheat Timely sown	Farmers are satisfied with DBW-222 variety of wheat
Wheat	The impact of variety DBW-303 found best in regard of the yield parameter.
Wheat	The impact of variety DBW-187 found best in regard of the yield parameter.

Wheat	The impact of variety DBW-222 found best in regard of the yield parameter.
Wheat Late Sown	
Wheat	Late sowing variety perform better than Farmer Practice using normal sown variety resulted obtained more yield.
Maize	
Maize	The impact of variety CP-858 of Maize found in regard of the yield parameter.
Vegetables	
Tomato	Farmers are satisfied with demonstrated technology
Tomato	Farmers are satisfied with demonstrated technology
Potato	Farmers are satisfied with demonstrated technology
Onion	Farmers are satisfied with demonstrated technology
Onion	Farmers are satisfied with demonstrated technology
Chilli	Farmers are satisfied with demonstrated technology
Commercial Crops	--

3. (B) Farmers' reactions on specific technologies

S. No	**Feed Back**
Cereals	
Wheat	
Wheat Timely sown	
Wheat	Farmers are satisfied with DBW-303 variety of wheat.
Wheat	Farmers are satisfied with DBW-187 variety of wheat.
Wheat	Farmers are satisfied with DBW-222 variety of wheat
Wheat Late Sown	
Wheat	Late sowing variety perform better than Farmer Practice using normal sown variety resulted obtained more yield.
Maize	
Maize	Farmers are satisfied with CP-858 variety of Maize.
Vegetables	
Tomato	Farmers are satisfied with demonstrated technology
Tomato	Farmers are satisfied with demonstrated technology
Potato	Farmers are satisfied with demonstrated technology
Onion	Farmers are satisfied with demonstrated technology
Onion	Farmers are satisfied with demonstrated technology
Chilli	Farmers are satisfied with demonstrated technology
Commercial Crops	

4. Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days				--
I	Wheat (29.3.22)Dukheri	1	29.3.22	79	
Ii	Wheat (30.3.22)Dhanaura	1	30.3.22	67	
iii	Wheat (31.3.22)Ghasitpur	1	31.3.22	60	
2	Practising Farmers Training				
I	Crop Residue Management (Keshopur)	1	11-15 Oct. 22	25	--
Ii	Crop Residue Management (KVK)	1	17-21 Nov, 22	35	
Iii	Integrated Crop Management in Onion (Jawahargarh)	1	1-4 March, 22	40	
Iv	Integrated crop Management in Chilli (Sapeda)	1	23-26 June, 22	15	
V	Integrated Crop Management in Tomato (Haldari)	1	24-27 Aug, 22	22	
Vi	Integrated Crop Management in Potato (Jawahargarh)	1	17-20 Oct.22	15	
Vii	Integrated Crop Management in Onion (KVK)	1	28 Oct-1 Nov.22	18	
Viii	Integrated Crop Management in Potato (Sain Majra)	1	14-17 Oct.22	15	
Ix	Management of Leaf Curl in Chilli (Sapeda)	1	25-28 June, 22	20	
X	Management of Pokka Boeing Disease in Sugarcane Crop (Jawahargarh)	1	24-28 Aug.22	51	
Xi	Management of Fruit Borer in Tomato Crop (Haldari)	1	31 Aug.-03 Sp. 22	39	
xii	Integrated Disease Management in Potato KVK)	1	11-15 Oct. 22	10	
3	Media coverage	10	Jan-Dec.2022	--	--
4	Extension Activities	17		469	
I	Exposure visits	5	Jan-Dec.2022	469	
Ii	Awareness Programmes (CRM)	12			

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Mustard	Integrated Crop Management	Improved variety of Mustard (PM-30)	PM-30	125	50	27.50	5.0	16.3	13.12		19750.00	82063.00	62313.00	4.15	18200.00	66281.00	48081.00	3.64

Frontline demonstration on pulse crops

Crop	Thematic Area	technology demonstrated	Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
						Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
						High	Low	Average										
Lentil	Varietal Evaluation	Improved variety of Lentil (L-4727)	L-4727	50	20	20.0	14.50	17.25	12.5	38.0	16500.00	80212.00	63712.00	4.86	14300.00	58125.00	43825.00	4.06
Chickpea	Integrated Crop Management	Improved variety of Chickpea (P-3043)	P-3043	25	10	15	2.5	8.75	6.5	34.62	21500.00	44625.00	23125.00	2.07	18600.00	33995.00	15395.00	1.82
Greengram	Integrated Crop Management	Improved variety of Mungbean (P-1431)	P-1431	60	25	Failed*												
Arhar	Integrated Crop Management	Integrated Crop Management in Arhar	IPH-15-3	25	10	Failed**												

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

** BCR= GROSS RETURN/GROSS COST

*Crop failed due to temperature of flucutulated at flowering stage

** Arhar crop third time demonstrated at farmer's field but due to climatic condition late flowring and pod formation.

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR
					High	Low	Average												
Cereals																			
Wheat																			
Wheat Timely sown																			
Wheat	Varietal Evaluation	Bio-fortified variety of Wheat : DBW-303	10	4	53	24	37.7	36.6	3.28	No.of effective tillers /m^2 (330)	No.of effective tillers /m^2 (276)	30500.00	75965.00	45465.00	2.49	28500.00	73547.00	45047.50	2.58
Wheat	Varietal Evaluation	Bio-fortified variety of Wheat : DBW-187	10	4	43	19	30	29	3.44	No.of effective tillers /m^2 (330)	No.of effective tillers /m^2 (284)	30500.00	60450.00	29950.00	1.98	28500.00	58435.00	29935.00	2.04
Wheat	Varietal Evaluation	Bio-fortified variety of Wheat : DBW-222	12	5	58	27	39.0	37.50	4	No.of effective tillers /m^2 (330)	No.of effective tillers /m^2 (288)	30800.00	78585.00	47785.00	2.55	28500.00	75562.50	47062.50	2.65
Wheat Late Sown																			
Wheat	Varietal Evaluation	Late variety of Wheat :DBW-90	15	6	26.4	11.0	19.6	17.5	12	No.of effective tillers /m2 (230)	No.of effective tillers /m2 (194)	30500.00	39494.00	8994.00	2.52	28500.00	35262.00	6762.00	2.18
Maize	Nutrient Management	Foliar application of Zinc (CP-858)	25	10	50.0	34.0	42.0	40	5	Cob length (16 cm)	Cob length (12.5 cm)	38000.00	82404.00	44404.00	2.18	36000.00	78480.00	42480.00	2.17
Vegetables																			
Tomato	Integrated Crop Management	Integrated Crop Management in Tomato	10	4	330.0	260.6	311.75	260.50	19.67	No.of fruits/plant (15)	No.of fruits/plant (12)	65700.00	623500.00	557800.00	9.49	62000.00	521000.00	459000.00	7.40
Tomato	Integrated Disease	Integrated Disease	10	4	327.5	305.0	319.5	260.5	22.64	Bacterial Wilt(%) 8	Bacterial Wilt(%) 13	65700.00	639000.00	573300.00	9.72	62000.00	521000.00	459000.00	8.40

Category & Crop	Thematic Area	Name of the technology	No. of Farmers	Area (ha)	Yield (q/ha)				% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo			Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR
					High	Low	Average												
	Management	Management																	
Potato	Integrated Crop Management	Integrated Crop Management	10	4	187.5	155.0	157.5	132.75	18.64	Weight (gm) 120	Weight (gm) 105	55000.00	78750.00	23750.00	1.43	54000.00	66375.00	12375.00	1.22
Onion	Varietal Evaluation	Improved variety of Onion : NHRDF-RED	10	4	170.0	142.5	167.50	142.25	17.75	Weight (gm) 65	Weight (gm) 52	70000.00	251250.00	181250.00	3.58	66000.00	213375.00	147375.00	3.23
Onion	Varietal Evaluation	Improved variety of Onion : NHRDF-RED 4	25	7	162.5	120.10	145.96	120.10	21.5	Diameter of bulb (cm) 5.95	Diameter of bulb (cm) 5.32	70000.00	218940.00	148940.00	3.12	66000.00	180150.00	114150.00	2.72
Chilli	Integrated Disease Management	Integrated Disease Management in Chilli	10	4	316.0	275.0	298.0	245.0	21.83	Leaf curl (%) 10	Leaf curl (%) 15	87500.00	746250.00	658750.00	8.52	82000.00	612500.00	530500.00	7.46
Commercial Crops																			
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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 demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters Milk production (lit/day)		% change in major parameter	Other parameter		Economics of demonstration (Rs./day/ani.)				Economics of check (Rs./day/ani.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle	Disease Management	Mastitis Kit for Mastitis Management	30	30 (HF)	28	25	20	Case observed : 3 No.	Case observed : 12 No.	220.00	1120.00	900.00	5.09	210.00	1000.00	790.00	4.76

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

Extension and Training activities under FLD on Livestock

Sl.No.	Activity	No. of activities	Date	Number of participants	Remarks
1	1.	6		225	--
	Practising Farmers : i.Parasitic Disease Management in Dairy animal ii.Feed & Fodder Management iii.Importance of Vaccination in management of various disease in livestock animals iv.Poultry Farming v.Clean Milk Production & Value Addition **Rural Youth** **i**.Poultry farming	1 1 1 1 1 1	 19-21 Jan.22 9-11 Feb.22 16-18 Feb.22 9-11 March, 22 14-16 March, 22 5-19 Dec.2022	 15 40 15 40 17 36	--
2	Media coverage	3	Jan-Dec. 2022	--	--
3	Extension Activities	5	Jan-Dec. 2022	239	--
i	Exposure visits	5	Jan-Dec. 2022	80	--
ii	Method demonstration Azolla CMT Kit for mastitis management Azolla & Silage making	3	Jan-Dec. 2022	75	--

FLD on Fisheries

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demonstration	Check		Demonstration	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Common Carps																	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Composite fish culture																	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Feed Management																	
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

* 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 demonstrated	No. of Farmer	No.of units	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.) or Rs./unit				Economics of check (Rs.) or Rs./unit			
				Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Oyster Mushroom																
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Button Mushroom																
Button Mushroom	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Apiculture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Maize Sheller																
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Value Addition																
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vermi Compost																
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Extension and Training activities under FLD on Other Enerprises

Sl.No.	Activity	No. of activities	Date	Number of participants	Remarks
1	Field days	--	--	--	--
2	Farmers Training				
3	Media coverage	--	--	--	--
4	Extension Activities				
		--	--	--	--
		--	--	--	--

FLD on Farm Implements and Machinery

Name of the implement	Crop	Technology demonstrated	No. of Farmer	Area (ha)	Major parameters	Filed observation (output/man hour)		% change in major parameter	Labor reduction (man days)				Cost reduction (Rs./ha or Rs./Unit etc.)			
						Demo	Check		Land preparation	Sowing	Weeding	Total	Land preparation	Labour	Irrigation	Total
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	-

Name of Implement	Feed Back
--	--

3. (B) Farmers' reactions on specific technologies

Name of Implement	
--	--

4. Extension and Training activities under FLD on Farm Machinery

Sl.No.	Activity	No. of activities	Date	Participants	Remarks
1	Field days	--	--	--	--
2	Farmers Training	--	--	--	--
	--	--	--	--	--
3	Media coverage	--	--	--	--
4	Extension Activities	--	--	--	--

FLD on Other Enterprise: Kitchen Gardening

Category and Crop	Name of technology	No. of Farmer	No. of units	Name of observations	Demonstration	Economics & Feedback
Kitchen gardening -Tomato -Cauliflower -Palak -Coriander -Bringal -Ghia,Tori -Cucurbits -Potato	Kitchen gardening with improved seed & techniques	75	75	**a)Technical Observation :** Gain in knowledge (%) **b)Farmer reaction :** Skill acquisition (Adoption%) **c)Family Health & nutritional status** (Interview & Visual observation)	Kitchen gardening for improved nutritional status of family	a)100% adoption of technology b) 80% Budget saving (approx.Rs.2800-3200/yr./Unit size -50m^2) c)Improved nutritional status & family health

Extension and Training activities under FLD on Women Empowerment

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	**Training**	**8**	--	**217**	--
	➢ **Farm Women**				--
	Women & Child Care	1	25-28 Feb.22	40	
	Nutritional food security through Kitchen gardening	1	5-9 March, 22	54	
	Women empowerment through income generating activities	1	27-31 May, 22	18	
	➢ Nutrition , Health & Hygiene	1	29 Aug. 3 Sep, 22	25	
	➢ **Rural Youth**				
	i. Value addition of Milk & Milk products	1	12-25 April, 22	15	
	ii. Value added products of Fruits & Vegetables	1	2-11 July, 2022	15	
	iii. Value addition of seasonal fruits & vegetables	1	7-27 Dec. 2022	30	
	➢ **Extension Functionaries**				
	i. Nutritional security by kitchen gardening	1	15-10-2022	20	
2	**Media coverage**	**5**	--	--	--
3	**Extension Activities**	**16**	--	**707**	--
	Important Days				
	i.International Women Day	1	8-3-2022	142	
	ii..Mahila Kisan Diwas	1	15-10-2022	147	
	ii.Kisan Mela	1	26-04-2022		
	Mehtod Demonstratrions :			27	
	i. Bottle planting (9.3.22) Samlehri	1	9-3-2022	30	
	iii.Aam Panna & Aam Papd making (4 & 28 May,22) KVK	2	4 & 8 May, 2022	18	
	iii.Value addition of vegetables (7.9.22) KVK	1	7-9-2022	17	
	iv.Nutri Thali (7.9.22) KVK	1	7-9-2022	30	
	Kisan Goshthi				
	i. NARI (Phulelmajra)	1	1-1-2022	22	
	ii. NARI (Chhajalmajra)	1	6-1-2022	19	
	iii. NARI (Ahmadpur)	1	11-1-2022	15	
	iv. NARI (Akbarpur)	1	15-1-2022	21	
	v. NARI (Ahmadpur)	1	18-1-2022	24	
	vii.Women & Child Care (Sambhalkha)	1	21-6-2022	48	
	viii.Women & Child Care (Samlehri)	1	22-2-2022	20	
	ix.Women Empowerment (KVK)	1	8-3-2022	104	
	xi. xii.Kitchen garden (Chajjanmajra)	1	29-11-2022	23	

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during 2022*

Crop	technology demonstrated	Hybrid Variety	No. of Farmers	Area (ha)	Yield (q/ha)				% Increase in yield	Economics of demonstration (Rs./ha)			
					Demo			Check		Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Average						
Oilseed crop													
--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pulse crop													
--	--	--	--	--	--	--	--	--	--	--	--	--	--
Cereal crop													
--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vegetable crop													
--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fruit crop													
--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other (specify)													
--	--	--	--	--	--	--	--	--	--	--	--	--	--

III. Training Programme

Farmers' Training including sponsored training programmes (on campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	1	34	0	34	0	1	1	34	1	35
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Integrated Crop Management	0	0	0	0	0	0	0	0	0	0
Soil & water conservatioin	0	0	0	0	0	0	0	0	0	0
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**34**	**0**	**34**	**0**	**1**	**1**	**34**	**1**	**35**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	1	12	0	12	3	0	3	15	0	15
Off-season vegetables	0	0	0	0	0	0	0	0	0	0
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**1**	**12**	**0**	**12**	**3**	**0**	**3**	**15**	**0**	**15**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	1	15	0	15	0	0	0	15	0	15
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**1**	**15**	**0**	**15**	**0**	**0**	**0**	**15**	**0**	**15**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**2**	**27**	**0**	**27**	**3**	**0**	**3**	**30**	**0**	**30**
III Soil Health and Fertility Management										
Soil fertility management	0	0	0	0	0	0	0	0	0	0
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV Livestock Production and Management										
Dairy Management	0	0	0	0	0	0	0	0	0	0
Poultry Management	1	20	4	24	3	13	16	23	17	40
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	2	15	0	15	0	15	15	15	15	30
Feed & fodder technology	1	32	4	36	4	0	4	36	4	40
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	**4**	**67**	**8**	**75**	**7**	**82**	**35**	**74**	**36**	**110**
V Home Science/Women empowerment										
Nutritional security by kitchen gardening	1	2	10	12	10	32	42	12	42	54
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	0	0	0	0	0	0	0	0	0	0
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition										
Women empowerment	1	0	0	0	0	18	18	0	18	18
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	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**	**2**	**10**	**12**	**10**	**50**	**50**	**12**	**60**	**72**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	1	46	0	46	5	0	5	51	0	51
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**46**	**0**	**46**	**5**	**0**	**5**	**51**	**0**	**51**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	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	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production										
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)										
Total										
X Capacity Building and Group Dynamics										
Leadership development	0	0	0	0	0	0	0	0	0	0
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	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	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**10**	**176**	**18**	**194**	**25**	**78**	**103**	**201**	**96**	**297**

Farmers' Training including sponsored training programmes (off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	1	25	0	25	0	0	0	25	0	25
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
Soil & water conservatioin	2	9	1	10	5	33	38	14	34	48
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**34**	**1**	**35**	**5**	**33**	**38**	**39**	**34**	**73**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	2	26	0	26	5	27	32	31	27	58
Off-season vegetables	1	20	0	20	0	0	0	20	0	20
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**3**	**46**	**0**	**46**	**5**	**27**	**32**	**31**	**27**	**78**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	1	15	0	15	0	0	0	15	0	15
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**1**	**15**	**0**	**15**	**0**	**0**	**0**	**15**	**0**	**15**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Others (pl specify)	0	0	0	0	0	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	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**4**	**61**	**0**	**61**	**5**	**27**	**32**	**67**	**27**	**93**
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total										
IV Livestock Production and Management										
Dairy Management	1	0	3	3	0	14	14	0	17	17
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	**1**	**0**	**3**	**3**	**0**	**14**	**14**	**0**	**17**	**17**
V Home Science/Women empowerment										
Nutritional security by kitchen gardening	0	0	0	0	0	0	0	0	0	0
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	0	0	0	25	25	0	25	25
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	0	0	0	0	0	0	0	0	0	0
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	1	2	2	4	4	32	36	6	34	40
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**2**	**2**	**2**	**4**	**4**	**57**	**61**	**6**	**59**	**65**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Disease Management	3	32	7	39	0	30	30	32	37	69
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**3**	**32**	**7**	**39**	**0**	**30**	**30**	**32**	**37**	**69**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	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	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production	0	0	0	0	0	0	0	0	0	0
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	1	0	7	7	0	22	22	0	29	29
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**0**	**7**	**7**	**0**	**22**	**22**	**0**	**29**	**29**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**14**	**129**	**20**	**149**	**14**	**183**	**197**	**143**	**203**	**346**

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
I Crop Production										
Weed Management	0	0	0	0	0	0	0	0	0	0
Resource Conservation Technologies	2	59	0	59	0	1	1	59	1	60
Cropping Systems	0	0	0	0	0	0	0	0	0	0
Crop Diversification	0	0	0	0	0	0	0	0	0	0
Integrated Farming	0	0	0	0	0	0	0	0	0	0
Micro Irrigation/irrigation	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
Soil & water conservatioin	2	9	1	10	5	33	38	14	34	48
Integrated nutrient management	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**4**	**68**	**1**	**69**	**5**	**34**	**39**	**73**	**35**	**108**
II Horticulture										
a) Vegetable Crops										
Production of low value and high valume crops	3	38	0	38	8	27	35	46	27	73
Off-season vegetables	1	20	0	20	0	0	0	20	0	20
Nursery raising	0	0	0	0	0	0	0	0	0	0
Exotic vegetables	0	0	0	0	0	0	0	0	0	0
Export potential vegetables	0	0	0	0	0	0	0	0	0	0
Grading and standardization	0	0	0	0	0	0	0	0	0	0
Protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (a)	**4**	**58**	**0**	**58**	**8**	**27**	**35**	**66**	**27**	**93**
b) Fruits										
Training and Pruning	0	0	0	0	0	0	0	0	0	0
Layout and Management of Orchards	0	0	0	0	0	0	0	0	0	0
Cultivation of Fruit	0	0	0	0	0	0	0	0	0	0
Management of young plants/orchards	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Export potential fruits	0	0	0	0	0	0	0	0	0	0
Micro irrigation systems of orchards	0	0	0	0	0	0	0	0	0	0
Plant propagation techniques	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (b)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
c) Ornamental Plants										
Nursery Management	0	0	0	0	0	0	0	0	0	0
Management of potted plants	0	0	0	0	0	0	0	0	0	0
Export potential of ornamental plants	0	0	0	0	0	0	0	0	0	0
Propagation techniques of Ornamental Plants	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (c)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
d) Plantation crops										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (d)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
e) Tuber crops										
Production and Management technology	2	30	0	30	0	0	0	30	0	30
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (e)	**2**	**30**	**0**	**30**	**0**	**0**	**0**	**30**	**0**	**30**
f) Spices										
Production and Management technology	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (f)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
g) Medicinal and Aromatic Plants										
Nursery management	0	0	0	0	0	0	0	0	0	0
Production and management technology	0	0	0	0	0	0	0	0	0	0
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total (g)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GT (a-g)	**6**	**88**	**0**	**88**	**8**	**27**	**35**	**96**	**27**	**123**
III Soil Health and Fertility Management										
Soil fertility management										
Integrated water management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient Management	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Management of Problematic soils	0	0	0	0	0	0	0	0	0	0
Micro nutrient deficiency in crops	0	0	0	0	0	0	0	0	0	0
Nutrient Use Efficiency	0	0	0	0	0	0	0	0	0	0
Balance use of fertilizers	0	0	0	0	0	0	0	0	0	0
Soil and Water Testing	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
IV Livestock Production and Management										
Dairy Management	1	0	3	3	0	14	14	0	17	17
Poultry Management	1	20	4	24	3	13	16	23	17	40
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	2	15	0	15	0	15	15	15	15	30
Feed & fodder technology	1	32	4	36	4	0	4	36	4	40
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	**5**	**67**	**11**	**78**	**7**	**42**	**49**	**74**	**53**	**127**
V Home Science/Women empowerment										
Nutritional security by kitchen gardening	1	2	10	12	10	32	42	12	42	54
Design and development of low/minimum cost diet	0	0	0	0	0	0	0	0	0	0
Designing and development for high nutrient efficiency diet	1	0	0	0	0	25	25	0	25	25
Minimization of nutrient loss in processing	0	0	0	0	0	0	0	0	0	0
Processing and cooking	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Storage loss minimization techniques	0	0	0	0	0	0	0	0	0	0
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	1	0	0	0	0	18	18	0	18	18
Location specific drudgery reduction technologies	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Women and child care	1	2	2	4	4	32	36	6	34	40
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**4**	**4**	**12**	**16**	**14**	**107**	**121**	**18**	**119**	**137**
VI Agril. Engineering										
Farm Machinary and its maintenance	0	0	0	0	0	0	0	0	0	0
Installation and maintenance of micro irrigation systems	0	0	0	0	0	0	0	0	0	0
Use of Plastics in farming practices	0	0	0	0	0	0	0	0	0	0
Production of small tools and implements	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Small scale processing and value addition	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
VII Plant Protection										

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Integrated Pest Management	3	32	7	39	0	30	30	32	37	69
Integrated Disease Management	1	46	0	46	5	0	5	51	0	51
Bio-control of pests and diseases	0	0	0	0	0	0	0	0	0	0
Production of bio control agents and bio pesticides	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**4**	**78**	**7**	**85**	**5**	**30**	**35**	**83**	**37**	**120**
VIII Fisheries										
Integrated fish farming	0	0	0	0	0	0	0	0	0	0
Carp breeding and hatchery management	0	0	0	0	0	0	0	0	0	0
Carp fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Hatchery management and culture of freshwater prawn	0	0	0	0	0	0	0	0	0	0
Breeding and culture of ornamental fishes	0	0	0	0	0	0	0	0	0	0
Portable plastic carp hatchery	0	0	0	0	0	0	0	0	0	0
Pen culture of fish and prawn	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Edible oyster farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Fish processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	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	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Bio-agents production	0	0	0	0	0	0	0	0	0	0
Bio-pesticides production	0	0	0	0	0	0	0	0	0	0
Bio-fertilizer production	0	0	0	0	0	0	0	0	0	0
Vermi-compost production										
Organic manures production	0	0	0	0	0	0	0	0	0	0
Production of fry and fingerlings	0	0	0	0	0	0	0	0	0	0
Production of Bee-colonies and wax sheets	0	0	0	0	0	0	0	0	0	0
Small tools and implements	0	0	0	0	0	0	0	0	0	0
Production of livestock feed and fodder	0	0	0	0	0	0	0	0	0	0
Production of Fish feed	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Apiculture	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
X Capacity Building and Group Dynamics										
Leadership development	1	0	7	7	0	22	22	0	27	27
Group dynamics	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Mobilization of social capital	0	0	0	0	0	0	0	0	0	0
Entrepreneurial development of farmers/youths	0	0	0	0	0	0	0	0	0	0
WTO and IPR issues	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	**1**	**0**	**7**	**7**	**0**	**22**	**22**	**0**	**27**	**27**
XI Agro-forestry										
Production technologies	0	0	0	0	0	0	0	0	0	0
Nursery management	0	0	0	0	0	0	0	0	0	0
Integrated Farming Systems	0	0	0	0	0	0	0	0	0	0
Others (pl specify)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Total	**24**	**305**	**38**	**343**	**39**	**316**	**291**	**345**	**298**	**643**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	1	0	0	0	7	22	29	7	22	29
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	2	49	11	60	19	21	40	68	32	100
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	2	0	0	0	0	30	30	0	30	30
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	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
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery										
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	0	0	0	0	0	0	0	0	0	0
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**5**	**49**	**11**	**60**	**26**	**73**	**99**	**75**	**84**	**159**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	0	0	0	0	0	0	0	0	0	0
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0
Mushroom Production	0	0	0	0	0	0	0	0	0	0
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	1	0	0	0	0	30	30	0	30	30
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	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
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	1	2	0	2	28	6	34	30	6	36
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**2**	**2**	**0**	**2**	**28**	**36**	**64**	**30**	**36**	**66**

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Nursery Management of Horticulture crops	0	0	0	0	0	0	0	0	0	0
Training and pruning of orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation of vegetable crops	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Integrated farming										
Seed production	0	0	0	0	0	0	0	0	0	0
Production of organic inputs	1	0	0	0	7	22	29	7	22	29
Planting material production	0	0	0	0	0	0	0	0	0	0
Vermi-culture	0	0	0	0	0	0	0	0	0	0

Mushroom Production	2	49	11	60	19	21	40	68	32	100
Bee-keeping	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Value addition	3	0	0	0	0	60	60	0	60	60
Small scale processing	0	0	0	0	0	0	0	0	0	0
Post Harvest Technology	0	0	0	0	0	0	0	0	0	0
Tailoring and Stitching	0	0	0	0	0	0	0	0	0	0
Rural Crafts	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
Dairying	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery										
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	1	2	0	2	28	6	34	30	6	36
Ornamental fisheries	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Freshwater prawn culture	0	0	0	0	0	0	0	0	0	0
Shrimp farming	0	0	0	0	0	0	0	0	0	0
Pearl culture	0	0	0	0	0	0	0	0	0	0
Cold water fisheries	0	0	0	0	0	0	0	0	0	0
Fish harvest and processing technology	0	0	0	0	0	0	0	0	0	0
Fry and fingerling rearing	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**7**	**51**	**11**	**62**	**54**	**109**	**163**	**105**	**120**	**225**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	1	0	18	18	0	2	2	0	20	20
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**1**	**0**	**18**	**18**	**0**	**2**	**2**	**0**	**20**	**20**

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	0	0	0	0	0	0	0	0	0	0
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + Off campus)

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Productivity enhancement in field crops	0	0	0	0	0	0	0	0	0	0
Integrated Pest Management	0	0	0	0	0	0	0	0	0	0
Integrated Nutrient management	0	0	0	0	0	0	0	0	0	0
Rejuvenation of old orchards	0	0	0	0	0	0	0	0	0	0
Protected cultivation technology	0	0	0	0	0	0	0	0	0	0
Production and use of organic inputs	0	0	0	0	0	0	0	0	0	0
Care and maintenance of farm machinery and implements	0	0	0	0	0	0	0	0	0	0
Gender mainstreaming through SHGs	0	0	0	0	0	0	0	0	0	0
Formation and Management of SHGs	0	0	0	0	0	0	0	0	0	0
Women and Child care	0	0	0	0	0	0	0	0	0	0
Low cost and nutrient efficient diet designing	0	0	0	0	0	0	0	0	0	0
Group Dynamics and farmers organization	0	0	0	0	0	0	0	0	0	0
Information networking among farmers	0	0	0	0	0	0	0	0	0	0
Capacity building for ICT application	0	0	0	0	0	0	0	0	0	0
Management in farm animals	0	0	0	0	0	0	0	0	0	0
Livestock feed and fodder production	0	0	0	0	0	0	0	0	0	0
Household food security	1	0	18	18	0	2	2	0	20	20
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	**1**	**0**	**18**	**18**	**0**	**2**	**2**	**0**	**20**	**20**

Table. Sponsored training programmes

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Increasing production and productivity of crops	0	0	0	0	0	0	0	0	0	0
Commercial production of vegetables	0	0	0	0	0	0	0	0	0	0
Production and value addition										
Fruit Plants										
Ornamental plants										
Spices crops	0	0	0	0	0	0	0	0	0	0
Soil health and fertility management	0	0	0	0	0	0	0	0	0	0
Production of Inputs at site	0	0	0	0	0	0	0	0	0	0
Methods of protective cultivation	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total										
Post harvest technology and value addition	0	0	0	0	0	0	0	0	0	0
Processing and value addition	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Farm machinery	0	0	0	0	0	0	0	0	0	0
Farm machinery, tools and implements	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Livestock and fisheries										
Livestock production and management										
Animal Nutrition Management	0	0	0	0	0	0	0	0	0	0
Animal Disease Management	0	0	0	0	0	0	0	0	0	0
Fisheries Nutrition	0	0	0	0	0	0	0	0	0	0
Fisheries Management	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total										
Home Science										
Household nutritional security	0	0	0	0	0	0	0	0	0	0
Economic empowerment of women	0	0	0	0	0	0	0	0	0	0
Drudgery reduction of women	0	0	0	0	0	0	0	0	0	0
Others (if any)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Agricultural Extension										
Capacity Building and Group Dynamics	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
GRAND TOTAL	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Name of sponsoring agencies involved

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

Area of training	No. of Courses	No. of Participants								
		General			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Crop production and management										
Commercial floriculture	0	0	0	0	0	0	0	0	0	0
Commercial fruit production	0	0	0	0	0	0	0	0	0	0
Commercial vegetable production	0	0	0	0	0	0	0	0	0	0
Integrated crop management										
Organic farming	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)Integrated Farming										
Total										
Post harvest technology and value addition										
Value addition	3	0	0	0	0	60	60	0	60	60
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total										
Livestock and fisheries										
Dairy farming	0	0	0	0	0	0	0	0	0	0
Composite fish culture	0	0	0	0	0	0	0	0	0	0
Sheep and goat rearing	0	0	0	0	0	0	0	0	0	0
Piggery	0	0	0	0	0	0	0	0	0	0
Poultry farming	1	2	0	2	28	6	34	30	6	36
Others	0	0	0	0	0	0	0	0	0	0
Total										
Income generation activities										
Vermicomposting	1	0	0	0	7	22	29	7	22	29
Production of bio-agents, bio-pesticides,	0	0	0	0	0	0	0	0	0	0
bio-fertilizers etc.	0	0	0	0	0	0	0	0	0	0
Repair and maintenance of farm machinery	0	0	0	0	0	0	0	0	0	0
and implements	0	0	0	0	0	0	0	0	0	0
Rural Crafts	0	0	0	0	0	0	0	0	0	0
Seed production	0	0	0	0	0	0	0	0	0	0
Sericulture	0	0	0	0	0	0	0	0	0	0
Mushroom cultivation	2	49	11	60	19	21	40	68	32	100
Nursery, grafting etc.	0	0	0	0	0	0	0	0	0	0
Tailoring, stitching, embroidery, dying etc.	0	0	0	0	0	0	0	0	0	0
Agril. para-workers, para-vet training	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total										
Agricultural Extension										
Capacity building and group dynamics	0	0	0	0	0	0	0	0	0	0
Others (pl. specify)	0	0	0	0	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Grand Total	**7**	**51**	**11**	**62**	**54**	**109**	**163**	**105**	**120**	**225**

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	**649**	**8945**	**84**	**9029**
Diagnostic visits	**102**	**582**	**12**	**594**
Field Day	**6**	**367**	**37**	**404**
i. Mustard (18.2.22)Dukheri	1	34	7	41
ii. Wheat (29.3.22)Dukheri	1	72	7	79
i. Chickpea (30.3.22) Salarehri	1	60	7	67
ii. Wheat (30.3.22)Dhanaura	1	86	5	91
iii. Wheat (31.3.22)Ghasitpur	1	55	5	60
iv. Lentil (31.3.2022)Salarehri	1	60	6	66
Group discussions	**13**	**579**	**52**	**631**
i. FPO (19.1.22) Dukheri	1	23	4	27
ii. FPO (20.1.22) Chudiali	1	32	4	36
iii.FPO (21.1.22)Ghasitpur	1	25	4	29
iv.Natural farming	1	109	5	114
vi.Chickpea	1	29	5	34
v.Wheat	1	15	2	17
vi.Organic manure (26.7.22) Manglai	1	22	2	24
vii.IPM & IDM	1	27	2	29
viii.NARI (8.4.22) Akbarpur	1	15	2	17
ix.Diversification in Agriculture (16.7.22) Shahzadpur	1	208	5	213
x. Dwarf & growth stunting of Paddy (23.8.22)Tepla	1	18	10	28
xi.FPO (24.8.22) Shahzadpur	1	21	5	26
xii.Breast feeding of mother (28.8.22) Ahmadpur	1	35	2	37
Kisan Ghosthi	**13**	**552**	**36**	**588**
vi. NARI (1.1.22) Phulelmajra	1	22	2	24
vii. NARI (6.1.22) Chhajalmajra	1	19	2	21
viii. NARI (11.1.22) Ahmadpur	1	15	2	17
ix. NARI (15.1.22) Akbarpur	1	21	2	23
x. NARI (18.1.22) Ahmadpur	1	24	2	26
xi. Fertilizer Management (18.1.22) Samlehri	1	39	5	44
vii.Women & Child Care (21.6.22) Sambhalkha	1	48	2	50
viii.Women & Child Care (22.2.22) Samlehri	1	20	2	22
ix.CRM (15.3.22) Duheri	1	54	2	56
x. Moong (23.3.22) KVK	1	133	3	136
x.Women Empowerment (8.3.22) KVK	1	104	3	107
xi.Jal Shakti Abhiyan (8.4.22) Akbarpur	1	30	5	35
xii.Kitchen garden (29.11.22)	1	23	4	27
Film Show	**11**	**444**	**22**	**466**
i. Rights of women (24.1.22)	1	70	3	73
ii. Livestock production (20.2.22)	1	40	2	42
iii. Disease Management in Farm animals (12.3.22)	1	40	2	42
iv. Value addition in seasonal vegetables (15.4.22)	1	25	1	26
v. Clean milk production (16.5.22)	1	44	2	46
vi. Integrated Disease Management in Chilli (25.6.22)	1	76	2	78
vii. Natural farming (16.8.22)	1	15	2	17
viii. Nutrition thali (7.9.22)	1	56	2	58
ix. Role model Women in Agriculture (15.10.22)	1	24	2	26
x. Jal Shakti Abhiyan (9.11.22)	1	29	2	31
xi. Poultry farming (4.12.22)	1	25	2	27

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Self -help groups	**0**	**0**	**0**	**0**
Kisan Mela	**3**	**906**	**32**	**938**
i.Kisan ki Bhagidari Prathmikta Hamari (Natural farming (26.4.22) KVK	1	420	12	432
ii.Jal Shakti Abhiyan (20.7.22) Talrehri Gujran	1	247	10	257
iii. Crop Residue Management (5.12.22) Shahzadpur	1	239	10	249
Exhibition	**5**	**2037**	**44**	**2081**
i.Rights of Women (24.1.22) Poster Competition	1	70	7	77
ii.Art & Craft (8.3.22) KVK	1	137	5	142
iii.Farm Machinery & Art & Craft (26.4.22)	1	420	12	432
iv.Jal Shakti Abhiyan-Farm Machinery (20.7.22)	1	247	10	257
v. Organic farming (1-2 June,22) International Conference of KVKs at Solan	1	1163	10	1173
Scientists' visit to farmers field	**649**	**8945**	**84**	**9029**
Plant/animal health camps	**0**	**0**	**0**	**0**
Farm Science Club	**0**	**0**	**0**	**0**
Ex-trainees Sammelan	**2**	**55**	**0**	**55**
Farmers' seminar/workshop	**0**	**0**	**0**	**0**
Method Demonstrations	**15**	**334**	**26**	**360**
i.Azolla cultivation (20.1.22 & 9.2.22) KVK	2	90	2	92
ii.Trichoderma (13.3.22) Sapeda	1	12	2	14
iii.Soap & Detergent making (9.3.22) KVK	1	27	2	29
iv. Bottle planting (9.3.22) Samlehri	1	27	2	29
v.Clean Milk Production (15.3.22) Sapeda	1	17	2	19
vi.Aam Panna & Aam Papd making (4 & 28 May,22) KVK	2	30	2	32
vii.Jewellery making (29.5.22) KVK	1	15	2	17
viii.Dhoop Batti (Incense making) 30.5.22 KVK	1	15	2	17
ix. Cleaning of Parthenium (18.8.22) KVK	1	18	2	20
x. Value addition of vegetables (7.9.22) KVK	1	18	2	20
xi.Nutri Thali (7.9.22) KVK	1	17	2	19
x.Harvesting of Paddy (Mulcher) 9.9.22 (Chudiali)	1	18	2	20
xi.Pickle making (24.12.22) KVK	1	30	2	32
Celebration of important days	**5**	**551**	**35**	**586**
i.International Women Day (8.3.22) KVK	1	133	9	142
ii.ICAR Foundation Day (16.7.22) Online	1	16	5	21
iii.Mahila Kisan Diwas (15.10.22) KVK	1	140	7	147
iv.World Soil Day (5.12.22) Shahzadpur	1	186	7	193
v. Kisan Samman Diwas (23.12.22) KVK	1	76	7	83
Special day celebration	**7**	**983**	**52**	**1032**
i.National Girls Day (24.1.22) KVK	1	57	6	63
ii.World Pulse Day (10.2.22) KVK	1	70	7	77
iii.Parthenium week (16-22 Aug.22) On & Off campus	1	76	7	83
iv.Plantation & celebration of Azadi ka Amrit Mahotsava (12.8.22) KVK	1	75	7	82
v.Nutrition Month (1-30 Sep.22) On & Off campus	1	526	10	533
vi.Poshan Day & Vriksharopan Karyakaram (17.9.22) KVK	1	104	10	114
vii.World Water Day (22.3.22) KVK	1	75	5	80
Exposure visits	**14**	**548**	**29**	**555**
i. Govt. Veterinary Hospital, Samlerhi (21.2.22)	1	40	2	42

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
ii. CSSRI & IIWBR, Karnal (21.2.22)	2	90	2	92
i. GSFRED, Kachua, Karnal (13.3.22)	1	5	1	6
ii. IIWBR, Karnal (15.3.22)	1	54	3	57
iii. Natural Farming, Ghasitpur (21.6.22)	1	59	2	61
iv. CRM Village (August, 2022)	3	44	2	46
v. Kisan Mela, Shahzadpur (14.9.22)	1	79	5	84
vi. Kiran Agro Mushroom Farm, Saha (14.9.22)	1	79	5	84
vii. PM Kisan Samman Samaroh, New Delhi(17.10.22)	1	45	3	48
iii. Vermi Compost unit, Khudda (9.10.22)	1	18	2	20
ix. Kiran Agro Mushroom Farm, Saha (8.10.22)	1	35	2	37
Others (pl. specify)				
Farmers visited to KVK	**150**	**1594**	**39**	**1633**
Awareness Camps/ Campaign	**89**	**5613**	**311**	**5924**
i. Crop Residue Management (28.12.22) Bari Bassi	1	89	2	91
ii.Natural farming (21.6.22) KVK	1	48	7	55
iii.Fertilizer (21.6.22) KVK	1	98	14	112
iv. Jal Shakti Abhiyan () KVK	1	42	13	55
v. Jal Shakti Abhiyan () KVK	1	60	2	62
vi. Jal Shakti Abhiyan ()	1	19	2	21
vii.Jal Shakti Abhiyan ()	1	28	2	30
viii. Jal Shakti Abhiyan ()	1	31	2	33
ix. Jal Shakti Abhiyan ()	1	24	2	26
x. NARI ()	1	22	2	24
xi. Jal Shakti Abhiyan ()	1	25	2	27
xii.Jal Shakti Abhiyan ()	1	208	2	210
xiii.Jal Shakti Abhiyan ()	1	252	4	256
xiv. Jal Shakti Abhiyan	1	33	4	37
xv. Jal Shakti Abhiyan	1	18	3	21
xvi. Jal Shakti Abhiyan	1	30	5	35
xvii. DAMU	1	208	6	214
xviii.DAMU	1	252	2	254
xix.DAMU	1	33	4	37
xx. DAMU	1	18	3	21
xxi. DAMU	1	30	2	32
xxii.Importance of balanced diet & Nutri Thali (1.9.22) Manglore	1	62	2	64
xxiii. Food Pyrimid (5.9.22) Milky	1	85	2	87
xxiv. Government schemes for women and Child welfare (7.9.22) Sadakpur	1	21	4	25 0
xxv.Fundamentals of Meal planning (8.9.22) Jhandumajra)	1	45	4	49
xxvi.Importance of balanced diet & Nutri thali (13.9.22) Samlehri	1	67	5	72
xxxvii. DAMU (7.9.22)Samlerhi	1	105	3	108
xxxviii.DAMU (14.9.22) Samlehri	1	56	3	59
xxxix.DAMU (22.9.22) Sahhzadpur	1	57	3	60
xxxx. DAMU (1.9.22) Samlehri,Ambli, Ahmadpur	1	52	3	55
xxxxi.DAMU (2.9.22)Nanhera	1	22	3	25
xxxxii.DAMU (3.9.22) Samlehri	1	60	3	63
xxxxiii.DAMU (4.9.22) Ahmadpur	1	55	3	58
xxxxiv.DAMU (5.9.22) Sadakpur	1	30	3	33
xxxxv. CRM (31.8.22) Nanhera	1	58	5	63

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
xxxxvi.CRM (30.8.22) Ambli	1	98	4	102
xxxxvii.CRM (1.9.22) Manglore	1	52	2	54
xxxxviii.CRM (3.9.22) Salarehri	1	92	2	94
xxxxix.CRM (5.9.22) Milky	1	56	5	61
xxxxx.CRM (6.9.22) Jangumajra	1	56	5	61
xxxxxi.CRM (16.9.22) Nurhad & Tharwa	1	70	5	75
xxxxxii. Water Conservation (16.9.22) Nurd	1	58	4	62
xxxxxiii. Water Conservation (16.9.22) Tharwa	1	98	3	101
xxxxxiv. Water Conservation (1.9.22) Ambli & Manglore	1	144	2	146
xxxxxvi.Water Conservation (3.9.22) Samlehri	1	56	5	61
xxxxxvii.Water Conservation (5.9.22) Milky	1	56	4	60
xxxxxviii.Water Conservation (6.9.22) Jangumajra	1	32	2	34
xxxxxix. CRM (28.12.22) KVK	1	89	5	94
xxxxxx. Jal Shakti Abhiyan (9.6.22) Samlehri	1	26	5	31
xxxxxxi.Jal Shakti Abhiyan (14.6.22) KVK	1	23	3	26
xxxxxxii.Jal Shakti Abhiyan (15.6.22) Dukheri	1	25	2	27
xxxxxxiii.Jal Shakti Abhiyan (16.6.22) Sambhalkha	1	22	4	26
xxxxxxiv. Jal Shakti Abhiyan (21.6.22)	1	45	3	48
xxxxxxv.Jal Shakti Abhiyan (16.7.22) KVK	1	208	2	210
xxxxxxvi.Jal Shakti Abhiyan (18.7.22) Durana	1	252	5	257
xxxxxxvii. Jal Shakti Abhiyan (27.7.22) Hamidpur	1	23	3	26
xxxxxxviii.Jal Shakti Abhiyan (26.7.22) Goli	1	18	2	20
xxxxxxix. Jal Shakti Abhiyan (287.22) KVK	1	30	2	32
xxxxxxx.DAMU (23.7.22) Akbarpur	1	208	2	210
xxxxxxxi.DAMU (22.7.22) Talheri	1	252	2	254
xxxxxxxii. DAMU (26.7.22) Goli	1	23	4	27
xxxxxxxiii.DAMU (27.7.22) Goli	1	18	5	23
xxxxxxxiv. DAMU (27.7.22) KVK	1	30	6	36
xxxxxxxv.Jal Shakti Abhiyan (8.8.22) Sambhalkha	1	16	2	18
xxxxxxxvi.Jal Shakti Abhiyan (9.8.22) Kardhan	1	33	4	37
xxxxxxxvii.Jal Shakti Abhiyan (27.8.22) Panjslasa	1	98	3	101
xxxxxxxviii.Jal Shakti Abhiyan (29.8.22)	1	88	2	90
xxxxxxxix.Jal Shakti Abhiyan (29,30 & 31 March,22)	1	213	2	215
Dukheri, Dhanura, Ghasitpur				0
xxxxxxxx.DAMU (30.3.22) Dhanura	1	72	2	74
xxxxxxxxi.DAMU (31.3.22) Ghasitpur	1	86	2	88
xxxxxxxxii.DAMU (31.3.22) Salarehri	1	55	2	57
xxxxxxxxiii.DAMU (7.3.22) Ahmadpur	1	12	3	15
xxxxxxxxiv.DAMU (16.3.22) KVK	1	18	5	23
xxxxxxxxv.DAMU (23.3.22) Phulelmajra	1	10	2	12
xxxxxxxxvi.DAMU (23.3.22) Sarakpur	1	17	4	21
xxxxxxxxvii.DAMU (25.3.22) Ahmadpur	1	44	3	47
xxxxxxxxviii.DAMU (15.3.22) IIWBR,Karnal	1	22	5	27
xxxxxxxxiv. FPO (16.3.22) Dukheri	1	81	3	84
xxxxxxxxv. FPO (27.7.22) Shahzadpur	1	49	5	54
xxxxxxxxvi.DAMU (16.1.22) Dhanura	1	25	5	30
xxxxxxxxvii.DAMU (21.1.22) Ghasitpur	1	24	3	27
xxxxxxxxviii.DAMU (5.1.22) Salarehri	1	11	4	15
xxxxxxxxiv.DAMU (7.1.22) Ahmadpur	1	15	2	17
xxxxxxxxv.DAMU (28.1.22) KVK	1	23	5	28
xxxxxxxxvi.CRM (25.2.22) Shahzadpur	1	27	5	32

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
xxxxxxxxvi.iDAMU (18.2.22) KVK	1	25	5	30
xxxxxxxxviii.DAMU (1.2.22) Kukrehi	1	34	2	36
xxxxxxxxiv.DAMU (18.2.22) Sambhalkha	1	12	2	14
Swachh Bharat Mission	**14**	**1712**	**20**	**1732**
i.Special Swachhta Abhiyan (2-31 Oct.22) On & Off campus	1	466	7	473
ii.Swachh Bharat Mission	12	1245	12	1257
iii.Vermi compost unit established	1	1	0	1
Kisan Samman Sammelan (Online) 17.10.22	**1**	**115**	**6**	**121**
Lectures delivered	**62**	**4413**	**25**	**4438**
Survey	**4**	**278**	**12**	**300**
i. Crop Residue Management (Sep.22)	1	88	2	100
ii. Heavey Rain (21-25 Sep.22)	1	35	3	38
iii.Stunting problem in paddy (16.9.22) Nurhad,Tharwa, Taprain, Mahura, Mahuwa Khedi, Shahpur,Kakarkunda, Kalaltim, Thakarkunda, Talheri, Jhadumajra, Kheda	1	105	5	110
iv.NARI	1	50	2	52
Total	**366**	**39553**	**957**	**40535**

Details of other extension programmes

Particulars	Number
Electronic Media (CD./DVD) i. Integrated Farming System (1 No.) ii. Mushroom compost preparation (1 No.) iii.ARYA (Poultry Success) Sh. Narender Kumar, Thamber (1 No.) iv.Intercropping (Sugarcane & Lentil) (1 NO.) v.Dana evm Chara Prabandhan: Lecture delivered by Dr. P.P.Rohilla, Principal Scientist (Livestock),ATARI, Zone-II, Jodhpur during Capacity building training programme (1 No.) vi.CRM, ARYA, Natural farming (7 & 8 Nov. 22) by DD Kisan (3 NO.) viii. Krishi Startup Organic farming (7.3.22) by DD KIsan (3 No.)	11
Extension Literature i. Ex-situ ke madhyam se fasal awshesh prabandhan ii. Kenchua khad ka utpadan evm mahtav ii. Gnehu ki fasal ka paudh sanrakshan	3
News paper coverage	46
Popular articles	
Radio Talks (24.6.22) “Water conservation & Water harvesting” in Mind Tree	1
TV Talks -DD Kisan: CRM, ARYA, Natural farming (7 & 8 Nov. 22) -DDKisan Channel on Krishi Startup Organic farming (7.3.22) Ghasitpur, Goli & Chudiali	6
Animal health camps (Number of animals treated)	0
Others (pl. specify)	
Total	**67**

Name of KVK	Message Type	Type of Messages						
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	Total
	Text only	5	2	48	0	7	2	64
	Voice only	--	--	--	--	--	--	--
	Voice & Text both	--	--	--	--	--	--	--
	Total Messages	5	2	48	0	7	2	64
	Total farmers Benefitted	4800	..	1500	....	..	..	6300

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
3-9 Sep. 2022	Gosthies	7	740	- Crop Residue Management - Organic farming - Balanced diet & Nutri Thali - Mushroom cultivation - Jal Shakti Abhiyan - DAMU - Natural farming
	Lectures organised	21	1212	- Integrated Pest Management in Wheat crop -Integrated Crop Management in Pulse crops -Integrated Crop Management in Oil seed cfrops -Diverfication in Agriculture - Intercropping with Sugarcane +Lentil -Mushroom production -Crop Residue Management -Importance of balanced diet & Nutri Thali (5) -Food Pyrimid -Fundamental for meal planning -Food selection, purchase and nutria thali -Value addition in seasonal fruits & vegetables -Value addition in Pulses -Organic farming -Natural farming -DAMU -Water & Soil Conservation -Vermi compost
	Exhibition	1	104	Value added products
	Film show	4	142	- Value Addition - Mushroom farming

Number of KVKs organised Technology Week	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
				- Crop Residue Management - Natural farming
	Fair	--	--	--
	Farm Visit	5	1212	Mushroom, Poultry, Dairy, IFS,Seed Production units
	Diagnostic Practical	18	18	Plants samples analysed
	Distribution of Literature (No.)	4	189	-Fruit & Vegetable Preservation -Crop Residue Management -Genhu me Rogo ki Roktham -Vermi Compost
	Distribution of Seed (q)	--	--	--
	Distribution of Planting materials (No.)	12 plants	3	12 fruit plants
	Bio Product distribution (Kg)	--	--	--
	Bio Fertilizers (q)	--	--	--
	Distribution of fingerlings	--	--	--
	Distribution of Livestock specimen (No.)	--	--	--
	Total number of farmers visited the technology week		**3478**	

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	Wheat	DBW-187	--	25.87	83200.00	23
	Paddy	P.R.-126	--	7.80	31200.00	23
		P.R.-1121	--	7.10	49700.00	22
Oilseeds	--	--	--	--	--	--
Pulses	--	--	--	--	--	--
Commercial crops	--	--	--	--	--	--
Vegetables	--	--	--	--	--	--
Flower crops	--	--	--	--	--	--
Spices	--	--	--	--	--	--
Fodder crop seeds	--	--	--	--	--	--
Fiber crops	--	--	--	--	--	--
Forest Species	--	--	--	--	--	--
Others	--	--	--	--	--	--
Total				**40.77**	**164100.00**	**68**

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	Mango	Dasheri	--	238	5700.00	Self
		Amarpali	--	13	1950.00	6
		Malika	--	9	1350.00	5
	Lemon	Baramasi	--	11	770.00	6
		Kagzi	--	9	630.00	8
	Guava	L-49	--	7	490.00	5
Ornamental plants	--	--	--	--	--	--
Medicinal and Aromatic	--	--	--	--	--	--
Plantation	--	--	--	--	--	--
Spices	--	--	--	--	--	--
Tuber	--	--	--	--	--	--
Fodder crop saplings	--	--	--	--	--	--
Forest Species	Poplar	G-48	--	2500	32500.00	2
Mushroom						
Total				**2787**	**43390.00**	**32**

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity Kg	Value (Rs.)	No. of Farmers
Bio Fertilisers	Vermi Compost	5000	15000.00	KVK farm
Bio-pesticide	--	--	--	--
Bio-fungicide	--	--	--	--
Bio Agents	--	--	--	--
Others	--	--	--	--
Total		**5000**	**15000,00**	**KVK farm**

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals	--	--	--	--
Cows	Sahiwal, Gir	4	--	0
Buffaloes	--	--	--	--
Calves	--	--	--	--
Others (Pl. specify)	--	--	--	--
Poultry	--	--	--	--
Broilers	--	--	--	--
Layers	Chabron	1081	139470.00	85
Duals (broiler and layer)				
Japanese Quail	--	--	--	--
Turkey	--	--	--	--
Emu	--	--	--	--
Ducks	--	--	--	--
Others (	--	--	--	--
Piggery	--	--	--	--
Piglet	Large White Yorkshire	128	358400.00	10
Others (Pl.specify)	--	--	--	--
Fisheries	--	--	--	--
Indian carp	--	--	--	--
Exotic carp	--	--	--	--
Others (Pl. specify)	--	--	--	--
Goat	Barbari	1	5940.00	1
Buck	Barbari	3	18050.00	2
Total		**1217**	**521860.00**	**98**

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	**89**	**89**	**48**	--	--
Others (pl.specify)	--	--	--	--	--
	--	--	--	--	--
Total	**89**	**89**	**48**		

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
Ambala	28-04-2022	35

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Research Paper	..
Abstracts	2
Technical bulletins i. Ex-situ ke madhyam se fasal awshesh prabandhan ii. Kenchua khad ka utpadan evm mahtav iii. Genhu ki fasal ka paudh sanrakshan	3
Leaflets	--
Technical reports	25
Others (pl. specify)	
Success stories -DFI - Nursery Unit of Sh. Darshan Singh under ARYA Project - Self employment through Mushroom farming - Crop diversification: A step towards enhanced productivity & farmers income	 110 1 1 1
Poster i. Organic farming (Mr. Lal Chand, Chudiali) 2. FPO 3. Organic farming (Dr. Ramesh Kumar)	3

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

Introduction of alternate crops/varieties

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	50	125
Pulses	50	125
Cereals	8	20
Vegetable crops	16	40
Tuber crops	8	20
Total	**132**	**330**

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
Feed & Fodder	**1**	**40**
Clean Milk Production	**1**	**40**
Total		

Animal health camps organised

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

Seed distribution in drought hit states

Crops	Quantity (qtl)	Coverage of area (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
Farm Machinery under Crop Residue Management	100	100
De composer technology		
Total	**100**	**100**

Awareness campaign

	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers	No.	No.of farmers
	5	**150**										
Total	**1**	**56**	**9**	**727**	**3**	**230**	**1**	**249**	**1**	**249**	**3**	**189**

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
Review Meeting of ARYA on 29.1.2022 organised by aTARI, Jodhpur and attended by KVK team	1	6	1
Furtherance in Integrated Pest Management (IPM) Approaches for Important Agricultural and Horticultural Crops of Delhi, Haryana and Rajasthan (Virtual mode) Jan. 19-21, 2022 (online (organized by ICAR-NCIPM, New Delhi.	1	2	1
India @75 - Bharat Ka Amrut Mahotsav. "Production and Productivity of Grain Legumes for Food Security: Prospects, Problems, and Need for Future Research " is scheduled to be held on January 22, 2022- organized by ICAR-NCIPM, New delhi	1	2	1
Webcast link directly by Ministry of Agriculture & Farmers Welfare, Government of India, for Hon'ble Prime Minister's Programme on 1st January, 2022	1	10	1
Live Webinar on" Understanding Principles of Fluid Therapy in Animals " on 21-1-2022	1	3	1
Webinar under Lecture series (Organised by ICAR-NBAGR) on "Pastrolism : Status & Future on 27.1.22	1	2	1
Online Meeting on 28.01.2022 on the subject "Weather Briefing and Impact Based Forecast & Advisory Preparation for Agriculture"	1	2	1
Entrepreneurial development in Agriculture for sustainable growth and self Reliance (Department of Extension at Communication College of Agriculture (RVSKVV, Gwalior) MP (24.2.22 to 17 Mar 22)	1	1	1
Workshop of Virtual State Level Workplan of KVKs on 04th Feb., 2022	1	7	1
Kisan Sarthi (11.2.22 to 14.2.222)	1	2	1
Kisan Sarthi (18.2.22)	1	2	1
Kisan Sarthi (26.2.22)	1	2	1
Meeting on FPO and Kisan Sarthi is to be organized on 12th July, 2021	1	2	1
Short Course : Pulses as the Climate Smart Crops for Resource Conservation and Economic Intensification/Diversification off Cropping System (2-11 March, 2022) Dr. Rajendra Kumar Singh	1	1	1
Virtual training "Recent trends in Modern & Precision Horticulture farming" on 30-3-22 organised by ATARI, Jodhpur (Dr. Upasana Singh, Dr. Amit Kumar)	1	2	1
Weather briefing and other matters related to GKMS on 17.3.22 organised by GKMS	1	2	1
Workshop cum Training Programme : Cluster Front Line Demonstration on Oilseeds (25-26 March, 2022) organized by ATARI, Jodhpur and attended by Dr. Rajendra & Dr. V.D.Singh	1	2	1

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Workshop : Kisan Sarthi (23 & 24 March,2022) organized by ICDS, New Delhi	1	2	1
Meeting : 'Interface Meeting with Stakeholders for Popularization of ICAR-IIWBR Technologies' on 15-3-222 attended by Dr.Rajendra Singh & Miss Vishu	1	2	1
Workshop : Kisan Sarthi (4-3-2022)	1	2	1
National Dialogue on Innovation in Agricultural Extension: A Way Forward during 8-9th April, 2022 in A.P. Shinde Hall, NASC Complex, New Delhi attended by Dr. Rajendra Singh organized by ICAR & MANAGE,	1	1	1
Webinar on Anndata Devo Bhav Abhiyan on 23.4.22 orgaised by ICAR	1	7	1
Kisan Sarthi (18.4.22)	1	2	1
DFI (30.4.22)	1	2	1
FPO (22-24 April, 2022	1	2	1
Review meeting of Gender and Nutrition Project (20.4.22) Dr. Upasana, Mrs.Kajal & Dr.Amit Kumar	1	3	1
National Dialogue on Extension Services for Efficient Delivery of Horticultural Technology (20-21 May, 2022)	1	1	1
Regional Conference on FPO with two FPO farmers(17.5.22) at Mohali	1	2	1
Meeting of the DFI Network project " Impact Assessment of Selected Interventions by KVK under Doubling Farmers' Income for Enhancing Farmers' Income "23-5-22	1	2	1
Drone training on NASC complex "National Conference on Promotion of Kisan Drones (2.5.22)	1	1	1
Virtual meeting regarding the CRM network project entitled orgnaised by ATARI, Ludhiana (18.6.22)	1	5	1
National Conference of KVKs-2022 at Dr YSPUAT, Solan (1-2 Juen,2022- Dr. Upasana Singh, Dr. Ramesh, Dr. Amit, Dr. Rajendra, Sh. Yogesh	1	5	1
Annual Zonal Workshop of KVKs-2022 at MPAUT,Udiapur from 25-27 June, 2022 (Dr. Upasana Singh & Dr. Rajendra Singh)	1	2	1
Monthly virtual meeting on DFI Network Project on 9-6-22 (Dr. Upasana & Dr. Ramesh Kumar)	1	2	1
Meeting of Gender and Nutrient Project on 7-6-2022 (Dr. Upasana Singh,Dr. Amit Kumar & Mrs. Kajal)	1	3	1
Review Meeting on JSA organized by Deputy Commissioner on 17-7-2022 at Police Line Auditorium, Ambala City (Dr. Ramesh Kumar, SMS (Agril.Extn) & chaired by Sh. Darpan Jain, IAS, Joint Secretary, Ministry of Commerce, Govt. of India.	1	1	1
DFI, NSV, and Aspirational District Network Project review meeting (18-19 July, 2022) at Jodhpur attended by Mrs. Kajal and presented Nutri smart village ppt	1	1	1
Convergence in sericulture extension & training with ICAR-KVKs- (12-13 July, 2022) at CSB Complex, Bengaluru. Attended by Dr. Amit Kumar, SMS (Hort.)	1	1	1
Virtual meeting to discuss weather scenario on 26.7.22	1	2	1
Meeting on CRM & Natural Farming at Kurukshetra on dated 25.08.2022 by Dr. Upasana Singh, Sr. Scientist & Head, Dr. Amit Kumar, SMS (Horti) and Dr. Rajendra Kumar Singh, SMS (Agronomy)	1	3	1
ICAR Foundation day on 16-7-22	1	10	1

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Meeting with Regional Director, NCDC, Chandigarh by Dr. Amit Kumar, SMS (Horticulture)	1	1	1
Consultation Meet on Emerging Challengers in Plant Protection of Major kharif Crops at Chandigarh on 13.08.2022 by Dr. V. D. Singh & Dr. Rajendra Kumar Singh	1	2	1
"Aatm Nirbhar Krishi" Online Programme Chaired by Hon'ble Shri Narendra Singh Tomar, Agriculture Minister on 16.08.2022 under Azadi Ka Amrit Mohatasav attended by Dr. Ramesh Kumar & Mrs. Kajal	1	2	1
Kisan Sarthi (9.9.22)	1	2	1
Kisan Sarthi (16.9.22)	1	2	1
Kisan Sarthi (23.9.220)	1	2	1
Kisan Sarthi (30.9.22)	1	2	1
District level committee meeting for draw of agricultural implements in AAE, Ambala city on 22.9.22 (Dr. Ramesh Kumar)	1	1	1
Role of ATARI in dissemination on implemenetation of Integratred Pest Management on 30.9.22 at Jodhpur (Dr. Vikram Dhirendra Singh)	1	1	1
Kisan Sarthi (7.10.22)	1	2	1
Poster presentation in National Conference of Krishi Vigyan Society 18-19 Oct. 2022 in Ujjain, MP (Dr. Ramesh Kumar)	1	1	1
Annual Review Meeting on SCSP Scheme & presentation of Progress report & action plan on 28.10.22 at ATARI, Jodhpur (Dr. Ramesh Kumar)	1	1	1
Workshop and Presentation on CFLD at ATARI, Jodhpur during 02-03 Nov, 2022 by Dr. Upasana Singh & Dr. Rajendra Kumar Singh	1	2	1
Workshop on Crop Residue Management at IARI, New Delhi on 04.11.2022 by Dr. R. K. Singh	1	1	1
Online Meeting attanded on E-Naam App dated 11.11.2022 by Dr.V. D. Singh, Dr. Ramesh Kumar and Dr. Amit Kumar	1	2	1
Participated on National Conference on Small Ruminants at Awikanagar (10-11.11.2022) by Dr. Rajan Mishra	1	1	1
Online Meeting attended on Kisan Sarthi 11,17,25 Nov, 20222 by Dr. Ramesh Kumar	1	2	1
Annual Review Meeting on STP/SCSP Scheme on 28.10.2022 at ATARI, Jodhpur by Dr. Ramesh Kumar	1	1	1
FPO Meeting (28.10.22) Dr. Amit Kumar & Dr. V.D.Singh	1	2	1
Online Attended Meeting on DFI on 18.11.2022 by Dr. Ramesh Kumar & KVK team	1	6	1
Participation in Online Review Meeting of NSV Project - Assesing dietry , diversity and consumption pattern and nutritional security under NSV Project 16.11.2022	1	3	1
Attending V. C. Under Chair of Smt, Keshni A. Arora, IAS, Chair person HWRA and Sh. V. Umashankar, IAS, Principal Secretary to Hon'ble Chief Minister, Haryana regarding DWRP (2021-25) on dated 25.11.2022 in DC Office, Ambala	1	2	1
Natural farming at RVSVV, Gwalior (2 Dec. 2022) Dr. Rajendra Singh	1	1	1
Natural Farming at Gurukul Kurukshetra (15-16 Nov. 2022) Dr.Rajendra & Dr. V.D.Singh	1	2	1
7th ARYA Zonal Review Meeting at ATARI Jodhpur (30-12-2022) attended by Dr. V.D.Singh, Dr. Amit Kumar,Dr. Rajendra & Dr. Rajan Mishra	1	4	1

Title of the training programmes	No of programmes	No. of Participants	No. of KVKs involved
Video conference Review Meeting of Progress of Jal Shakti Abhiyan Catch te rain 30-11-22 at DC office attended by Dr. Ramesh Kumar	1	1	1
Kisan Sarthi meeting on 9-12-22 (Dr. Ramesh Kumar)	1	1	1
Review meeting of the Gender and Nutrition Project (13-12-22) orgnaised by ATARIl Jodhpur Indian Millet Day (15.12.22)online organized by ICAR (attended by KVK team)	1	7	1
FPO TOT programme (CCSNIAM Jaipur) 28-11-22 to 1-12-22) Dr.V.D.Singh	1	1	1
Total	**70**		

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

I. Success story: Nursery Management

INTRODUCTION :

Name of youth- Sh. Darshan singh
Complete address- Farm Baba Nursery, Village Patvi, Sahazadpur, Ambala (Haryana.)
Mob. No. 9802846741

BACKGROUND/SITUATIONAL ANALYSIS/BENCHMARK :

Ambala district is known as leading vegetable producing district in Haryana. In the present scenario the availability of genetically improved propagules material of fruit and Medicinal plants basis on locality. This is possible due to the makeover technical research in the field of Horticulture science. These young farmers of Ambala districts adopt the Fruit, Medicinal Nursery and Vermi compost management as an entrepreneur.

Mr. Darsan Singh 30 years old farmer lives in village Patvi, Ambala district of Haryana. His education is Post Graduation in Poltical science. He has taken Skill based training on Nursery management &Vermi Compost under ARYA project at KVK, Ambala. After getting training, he had strated Nursery unit and earning net profit Rs. 13,75,000/-. His hard work and dedication have led to his success story being spread all across Ambala youth.

TECHNICAL INTERVENTION:

He completed skill development training from KVK, Ambala under ARYA project during 2019 on Nursery management and also visited the Center for vegetable excellence, Karnal, Haryana through KVK for first-hand exposure related to enterprise establishment.With the aspiration to start the vegetable nursery, he participated in the training. The technical guidance regarding Nursery structures, media to be approach for publicity and marketing, linkages with facility providers etc. provided by KVK team.

ESTABLISHMENT OF ENTREPRENEURIAL UNIT:

He established Nursery unit in 2019 under ARYA project. The following materials assistance is provided to him under ARYA project.

.

S.No.	Particulars	No./Quantity	Amount (Rs.)
1	Guava	125	10000
2	Mango	125	13750
3	Lemon	150	12000
4	Green Net	1 (60) Meter	3500
5	Mud pot	25	1500
6	Arica palm	35	4375
7	Song of india	10	500
8	Aricariacooki	10	700
9	Hibiscus	10	1100
10	Bougainvillea	10	800
11	Cocopit	2 (80) Kg	1200
12	Croton	10	1200
13	Ficus Panda	10	300
	Total		**50925**

LINKAGES:

KrishiVigyan Kendra is also strengthening his unit by linking him with the Government Departments & private companies for assistance and help :

- Department of Horticulture for Govermnet Schemes & Technical guidance
- Department of Excellence for Vegetables, Gharaunda
- NHRDF, Salaru, Karnal

MARKETING APPROACH:

- Schools & Colleges for Beautification of Campus, Ornamental plants & Pots
- Private Companies & Local Nursery for nursery plants
- Marriage Palace & Hotels
- Online Marketing through Amazon (Napier Grass, Insulin & Apple root stock etc.)
- Stall in Kisan Mela (organised by KVK)

ECONOMICS:

Year: 2022

S.No.	Name of the Plant	No. of Plant Produce	Rate/ Seedling/ Plant (Rs.)	Gross Income (Rs.)	Raising Cost Seedling/ Plants (Rs.)	Total Expenditure (Rs.)	Net income (Rs.)
A.	**Fruit Plants**						
1.	Mango	700	150	105000	80	56000	49000
2.	Litchi	500	130	65000	90	45000	20000
3.	Guava	1000	70	70000	40	40000	30000
4.	Grapes	700	80	56000	50	35000	21000
5.	Sapota	500	150	75000	80	40000	35000
6.	Citrus	1000	80	80000	50	50000	30000
7.	Citrus reticulate	500	100	50000	80	40000	10000
8.	Citrus limetta	500	80	40000	50	25000	15000
9.	Citrus cinensis	500	100	50000	60	30000	20000
10.	Ber	800	200	160000	100	80000	80000
11.	Pomegranate	800	100	80000	70	56000	24000
12.	Pear	800	120	96000	70	56000	40000
	Total	8300		927000		553000	374000
B	**Medicinal Plant**						
1.	Eletteriacardemomum	500	250	125000	170	85000	40000
2.	Cymbopogon flexuous	500	120	60000	80	40000	20000
3.	Ficus carica	700	300	210000	200	140000	70000
4.	Stevia rebaudiana	600	130	78000	70	42000	36000
5.	Moringa oleifera	500	100	50000	40	20000	30000
6.	Cinnamomum tamala	500	200	100000	150	75000	25000

S.No.	Name of the Plant	No. of Plant Produce	Rate/ Seedling/ Plant (Rs.)	Gross Income (Rs.)	Raising Cost Seedling/ Plants (Rs.)	Total Expenditure (Rs.)	Net income (Rs.)
7.	Murrayakoenni gii	500	150	75000	80	40000	35000
8.	Nyctanthis arbor	500	100	50000	50	25000	25000
9.	Phyllanthus emblica	500	150	75000	90	45000	30000
10.	Ajbayan	1000	100	100000	50	50000	50000
11.	Withaniasomnifera	1000	80	80000	40	40000	40000
	Total	**6800**		**1003000**		**602000**	**401000**
C	**Napiar Grass 20 (Fodder) Setts**	800000	1.5	1200000	0.75	600000	600000
	Grand Total m(A+B+C)			**3130000**		**1755000**	**1375000**

SPREAD OF THE TECHNOLOGY:

- Sh. Darshan Singh become inspiration & leading youth by adopting self employment through Nursery Management
- The youth of the district approaching KVK for seedking guidance for their agricultural land to get good returns.
- Horizontal spread of technology within village & nearby villages : 5 units
- Exposure visits orgnaised at his Nursery unit during training programme on Nursery Management
- He is actively participated in Exposure visits, Kisan Mela, Kisan Gosthi etc for knowledge upgradation

RECOGNITION & AWARDS:

- You tube channel : Farming Leader @farmingleaderOfficial (5.66 M Subscribers)
- Awarded by Krishi Vigyan Kendra, Ambala in Kisan Mela

PHOTOGRAPHS

KVK team visited at Nursery Unit

Farm Advisory at Nursery unit

Farmer-Scientists Interaction on Nursery

Hon'ble President, SCHE visited at Nursery Unit

On Line Produce Marketing-Amazon

II. CROP DIVERSIFICATION: A STEP TOWARDS ENHANCED PRODUCTIVITY & FARMERS INCOME

Profile

Name	:	Sh. Sandeep Saini
Address	:	Village Akbarpur Post Bihta, Ambala-133101(Hry.)
Mob.No.		9466690175
Age	:	35 yrs.
Education	:	10+2 (Senior Secondary)
Landholding	:	3.2 acres
Farming Exp.	:	15 years

SITUATION ANALYSIS:

Sh. Sandeep Saini is young, energetic farmer from agriculture backround having small landholding approximately 3.2 acres. Available land having sandy loam soil texture with tubewell as source of irrigation. Having fifteen years experience in agriculture, he is keen to adopt the new interventions/ technologies in agriculture to enhance the productivity from his land. He has cultivated cereals and cash crop round the year viz; Rice, Wheat, Sugarcane & Mustard, Potato, Pulses and other vegetables which is not profitable.

KVK INTERVENTION:

After having contact with KVK team, various options, cropping pattern, viability, and economics discussed to enhance the productivity. From discussion he is eager to make changes in cropping pattern viz; Rice- Potato- Lentil- Moong under supervision of KVK team and excited to become leading farmer. With the challenge he started sowing recommended cropping pattern in 2018 and thereby motivating other farmers for adopting suggested cropping pattern.

TECHNOLOGY IMPLEMENTATION:

Technological backstopping given by KVK experts to enhance income is

A. Cropping Pattern : Rice – Potato- Lentil- Moong
B. Technological Intervention :
   - Sowing of Rice with 'DSR' technique
   - Potato planting through 'Bed planter'
   - Lentil & Moong by Drill machine (Line sowing method)

He started growing above Cropping pattern with improved sowing techniques, recommended dose of fertilizers & timely control of Insect, Pest attack he is getting good returns as compared to previous method.

CROPPING HISTORY :

S.No.	Crop	Variety	Date of sowing/ transplanting	Date of Harvesting
1	Paddy	Arize-6129	15 June	18th September
2	Potato	Pukhraj	20th September	1st December
3	Lentil	L-4727	4th December	27th March

BENEFITS:

Mr. Saini produces 70 qtls/ha paddy with net return of Rs. 92535/-, Potato with 257.90 qtl/ha with net return Rs. 159225/- and Lentil with 18.75 qtl./ha with net return of Rs. 9500/-.

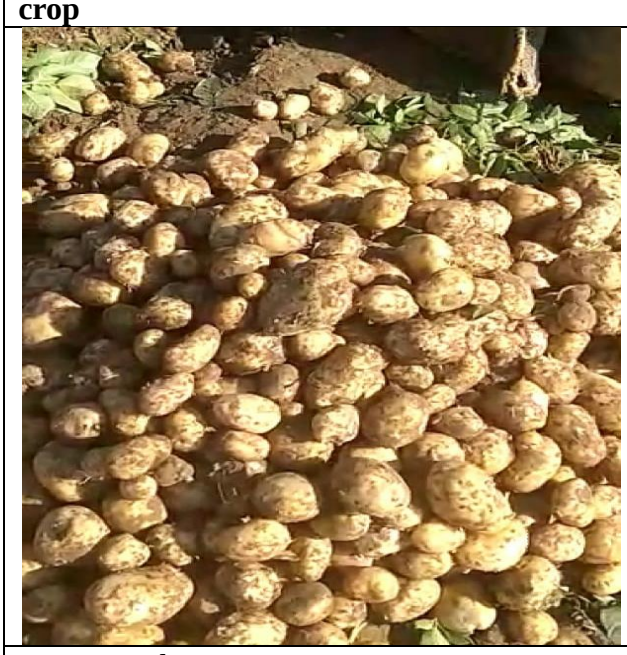
ECONOMICS:

Crops	Yield (qtl./ha)	Cost of Cultivation (Rs./ha)	Gross Return (Rs./ha)	Net Return (Rs.)
Paddy	**70.00**	**38225**	**130760**	**92535**
Potato	**257.50**	**180775**	**350200**	**159225**
Lentil	**18.75**	**58500**	**150000**	**91500**

SPREAD OF THE TECHNOLOGY:

- Mr. Saini become inspiration & leading farmer by adopting scientific recommended cropping pattern with improved agriculture technologies.
- The farmers of the district approaching KVK for seeking guidance for their agricultural land to get good returns.
- Horizontal spread of technology within village & nearby villages (Sambhalkha, Bihta, Ghasitpur, Dukheri & Chudiala) is 30 ha.
- Exposure visit during field day (Lentil) under Cluster Front Line Demonstrations on Pulse crop (NFSM) organized at his field .
- He is actively participating in Exposure visits, Kisan Mela, Kisan Gosthi, Jal Shakti Abhiyan, World Soil Day etc for knowledge upgradation of himself & others.
- Video clipping of his success is shown to others during Kisan Melas, Training Programmes & other extension activities.

Photographs:

<table>
<tr><td>  </td><td>  </td></tr>
<tr><td>Farmers-scientists interaction on Lentil crop</td><td>Field Day on Lentil</td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td>Potato production</td><td>Scientists visited at farmers field</td></tr>
</table>

II. Success story : Self employment through Button Mushroom

Profile

Name	:	Sh. Ashok Kumar
Address	:	Village Saha Post Saha, Ambala-133104 (Hry.)
Mobile No.	:	8950136466
Age	:	38 yrs.
Education	:	Graduate
Landholding	:	4.5 ha
Farming Experience	:	15 years
Unit Details	:	Year of Establishment : 2020-21 Button Mushroom (*Agaricus bisporus*) Area : 15'X 60' (900 sq.ft.)

Situation Analysis & background:

Mr. Ashok Kumar, recognized as marginal farmer, having 4.5 ha cultivable land. He is residing with a joint family whose responsibility is on his shoulder for survival & fulfillment of their daily needs.

He has cultivated cereals and cash crops round the year like; Wheat, Rice & Sugarcane, which is not profitable . He wants to adopt advance new agriculture technologies for which he had contacted experts of KVK.

KVK intervention :

After having contact with KVK team, Mr. Ashok Kumar was motivated to attend Mushroom training and its management technique in 2020-21. During training programme the exposure visits organized at Directorate of Mushroom Research , Solan, HAIC Agro R & D Centre, Murthal and Mushroom units established by KVK in nearby villages. Mr. Ashok Kumar also interacted with Experts and Master trainers during training programme.

Later after received skilled based training on Mushroom cultivation, he started cultivating Button Mushroom with 500 compost bags. Time to time farm advisory services provided by KVK, Ambala during unit establishment, compost preparation, Disease Management etc. The linkages developed with Horticulture Department, Ambala City , Directorate of Mushroom Research, Solan , HAIC Agro R&D Centre, Murthal , NABARD & Bakers , Hotels & Restaurants , Local Market and Progressive farmers/ Farm women for Subsidy, Schemes, Value added products of Mushroom, Spawn, Loan , marketing purpose.

Technology Implementation and Uptake :

Mushroom unit started by Mr. Ashok Kumar with 500 bags in the year 2020-21 with the scientific guidance from KVK experts. In the initial start up with 500 bags , he had earned good income which motivate him to expand his unit from 500 bags to 1500 bags. Further, he had prepared 100 quintals of button compost with the help of KVK from which 1000 to 1200 bags were prepared and thereby minimized the buying cost of single bag i.e. Rs. 45/bag in comparison with available local bags in market .

KVK expert advised the marketing of mushroom in plastic buckets as it will improve sale as compared to selling of produce in poly bags. After adopting new trait Mr. Ashok achieved good sale price in the local as well as in Ambala vegetable mandi, approximately 6 to 8 rupees additional benefits he has gotten on sale of each 200 gm basket. Last year, Mr. Ashok Kumar has been converted his seasonal mushroom unit into the automatic control AC unit with the scientific guidance of expert of KVK Ambala. After that he has sifted 2500 bags on the Bamboo racks by self-making of button compost (200 quintals) and having profit of

Rs. 825000/. KVK, Ambala provides or linkage his produce of button mushroom in the nearby hotels as well as local dealers of mushroom transporters.

Benefits:

Mr. Ashok Kumar, said during the year (2020-21) of starting to the button seasonal mushroom unit of 500 bags,he has gotten net profit of Rs. 140000/. In continuation, into the second year (2021-22) he expended his unit from 500 bags to 1200 bags and then he calculates his profits come out approximately Rs. 527000/ when he made his own button compost and save extra cost of buying of bags from out sources. Sequentially Mr. Ashok was obtained profit Rs. 825000/ from ac unit of 2500 bags.

Year	Size of unit	Number of bags	Expenditure (Rs.)	Production (Kg)	Average sale price (Rs.)	Profit (Rs.)	Net profit
2020-21	15x30 feet	500	40000	1500	120	180000	140000
2021-22	15x60	1200	25000	4800	115	552000	527000
2022-23 (AC unit) Upto Sep. 2022	15x60	2500	210000	7500	110	825000	615000

Spread of the technology:

- Mr. Ashok Kumar become an inspiration & role model of Self employment through Mushroom production in youth of nearby area
- After seen this technology benefit some others rural youth come to KVK and wish to take this training programme and they were formed a cluster group for starting to the large ac unit with the guidance of KVK.
- Exposure visit during Mushroom training are being organized his Mushroom Unit
- He developed a doorstep marketing channel by which he sold his Button Mushroom to the nearby farmers and farm women
- Horizontal spread : 45 units established within & nearby village
- At present this technology spread approx. 650 rural youth which included huge numbers of woman particularly.
- Short video clip prepared by KVK
- Publicity : Establishment of Fixed Iron Board, Whatsapp group & You tube channel

Feedback:

Mr. Ashok Kumar, was very kind after adopting this technology in his life and also he have achieved double benefit because he had used wheat crop straw into the making of button mushroom compost and he has run his mushroom unit with agriculture farming, so for that his family gotten two incomes which were supported him to uplifted his life as well as his minimizing the needs of life. And they were work on how to take extra land for another unit establishment in future along with this the woman of his house already work under this own unit and gives extra job to the village rural woman as well as young boys during the need of cultivation period of time like; compost preparation, its harvesting or packaging and marketing also.

Participation in Mushroom Training

Board established for wide Publicity

Bamboo racks prepared for Mushroom

Farm Advisory Services provided by KVK expert

Scientists visited at Mushroom Unit

Scientists visited at Mushroom Unit

Scientists visited at Mushroom Unit

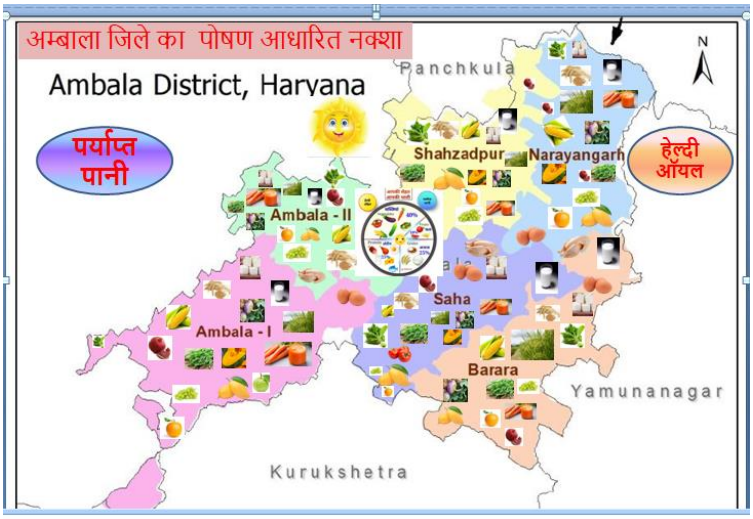
Scientists visited at Mushroom Unit

Hon'ble Director, ATARI, Jodhpur & President, SCHE visited at Mushroom Unit

XIII. STATUS REVOLVING FUNDs

Year	Opening balance as on 1st April	Income during the year	Expenditure during the year	Net balance in hand as on 1st April of each year
April 2020 to March 2021	63,64,685.93	25,26,054.00	24,47,813.00	64,42,926.93
April 2021 to March, 2022	64,42,926.93	37,57,870.00	12,01,783.00	89,99,013.93

1. **Report of Nutri Sensitive Agricultural Resources & Innovation (NARI) including Nutritional Maps must be submitted. (Demonstration on biofertified, kitchen gardening, Nutri-Thali)**



Report of NARI (2022)

Name of Selected Villages:

Cluster I	:	Phulelmajra & Akbarpur
Cluster II	:	Ahmadpur & Chajjan Majra

No. of Farm famlies **:** **150**

Size of Kitchen garden **:** 50 sq m^2

Activities at A Glance

Activities	**Photographs**
Meeting attended: 1. Presentation in Review Meeting of Nutri Smart Village (18-19 July,22) at ATARI, Jodhpur. 2. NSV Project - Assesing dietry , diversity and consumption pattern and nutritional security under NSV Project (16.11.2022) 3.Gender and Nutrition Project (13-12-22) orgnaised by ATARIl Jodhpur	 ***Review meeting of Nutri Smart Village***
Survey for Gender and Nutrition Network Project Akbarpur & Ahmadpur	 

<table>
<tr><td></td><td>Survey in Ahmadpur</td><td>Survey for Gender and Nutrition Network Project</td></tr>
<tr><td rowspan="4">Front Line Demonstrations :
i. Kitchen gardening
ii.Bio fortified varieties of Wheat (DBW-187, DBW-222, DBW- 303
iii.Bio fortified variety of Mustard : PM-33
iv.Bio fortified variety of Lentil : L-4717
v. Improved variety of Onion : NHRDF-Red</td><td>  </td><td>  </td></tr>
<tr><td>Kitchen garden</td><td></td></tr>
<tr><td colspan="2">  </td></tr>
<tr><td colspan="2"></td></tr>
<tr><td rowspan="4">Trainings: 8 No.
(253 Participatns)
i.Women & Child care (25-28 Feb.22)
ii. Nutrition, Health & Hygiene (29 Agu.-3 Sep.22)
iii.Value addition of Milk (12-25 April, 22)
iv. Value added products of Seasonal Fruits & Vegetables (2-11 July,22)
v. Mushroom production & management (7-16 Sep.22)
vi.Poultry farming (9-11 March, 22)
vii.Clean Milk production & Value addition 14-16 March,22)
viii.Nutritional security by kitchen gardening (15.1022)</td><td>  </td><td>  </td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td>Food security through Kithen gardening</td><td>Value adition of Fruits & Vegetables</td></tr>
</table>

		
	Clean Milk production & Value Addition	Poultry farming
		
	Value addition of Milk	Women & Child care
Method Demonstrations : 9 (214 farm women) i.. Soap & Detergent making (9.3.22) ii.Bottle planting (7.3.22) iii.Clean Milk Production (15.3.22) iv. Aam Panna & Aam papad making (4 & 28 May,22) v.Jewlerry making 29.5.22) vi.Dhoop Batti making (Incense making) 30.5.22 vii.Value addition of vegetables (7.9.22) viii.Nutri Thali (7.9.22) ix.Pickle making (24.12.22) x. Eco-phenyl solution (24.2.22)		
	Aam Papd & Aam Panna making	Nutri Thali
		
	NARI	Soap & Detergent making
Awareness Programmes: 11 (532 farm women) 1. Bio fortified varieties of Wheat (15.3.22) ii.Importance of balanced diet & Nutri Thali (1.9.22) iii.Food Pyramid (5.9.22) iv.Govt schemes for Women & Child welfare (7.9.22) v.Fundamental of Meal planning (8.9.22)		
	Importance of balanced diet	NARI

vi.Importance of balanced diet & Nutrit thali (13.9.22) vii. Nari Awareness Programme (1-30 April, 22) viii.CRM (15.10.22)		
	Importance of balanced diet & Nutri Thali	
		
		
	Jal Shakti Abhiyam	Jal Shakti Abhiyam
		
	NARI	NARI

<table>
<tr><td rowspan="2">Kisan Gosthi : 9
(245 Farm Women)
i. NARI (1.1.22, 6.1.22, 11.1.22, 15.1.22, 18.1.22)
ii. Women & Child care (22.2.22 & 21.6.22)
iii.Breast feeding of Mother (28.2.22)
iv. Women Empowerment (29.11.22)</td><td>  </td><td>  </td></tr>
<tr><td>Women & Child care</td><td>Breast feeding of Mother</td></tr>
<tr><td rowspan="2">Exhibitions /Competition: 4No.
(383 farm women)
i. Art & Craft (8.3.22)
ii.Nutri Thali (17.9.22)
iii. Art & Craft (26.4.22)
iv.Rights of Women (Poster) (24.1.22)</td><td>  </td><td>  </td></tr>
<tr><td>Exhibition : Art & Craft</td><td>Competition : Poster making</td></tr>
<tr><td rowspan="4">Important Days : 7
(1158 farm women)
i. National Girls Day (24.1.22)
ii.International Women Day (8.3.22)
iii.World Pulse Day(10.2.22)
iv.Plantation & celebration of Azadi ka Amrit Mahotsava (12.8.22)
v.Nutrition Month (Sep.22)
vi.Poshan Day & Vriksharopan karyamaram (17.9.22)</td><td>  </td><td>  </td></tr>
<tr><td>National Girls Day</td><td>International Women Day</td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td>Nutrition Month</td><td>Mahila Kisan Diwas</td></tr>
<tr><td rowspan="2">Exposure visits : 4
(266 farm women)
i. IIWBR, Karnal (15.3.22)
ii.Kisan Mela Shahzadpur(14.9.22)
iii. Kiran Agro, Saha (14.9.22, 8.10.22)
iv.PM Kisan Sammelan, New Dehi (17.10.22)</td><td>  </td><td>  </td></tr>
<tr><td>IIWBR, Karnal</td><td>Kiran Agro Mushroom Farm, Saha</td></tr>
</table>

<table>
<tr><td rowspan="2">Technical Support by KVK Team : FAS , Knowledge & Skill Upgradation</td><td>  </td><td> 
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<tr><td>Linkages :</td><td> 
IFFCO, Ambala</td><td> 
Child & Women Department, Ambala</td></tr>
<tr><td>Awards</td><td>  </td><td> 
</td></tr>
</table>

<table>
<tr><td rowspan="2">Details of Plants/Samplings/Kitchen garden kits
I. Kitchen Garden Kit (100)
II. Samplings (200)
- Onion
III.Fruit Plants (100)
- Lemon & Guava</td><td>  </td><td>  </td></tr>
<tr><td>Plants provided to farm women</td><td>Vegetables seeds provided</td></tr>
<tr><td rowspan="2">Unit Established</td><td>  </td><td>  </td></tr>
<tr><td>  </td><td>  </td></tr>
<tr><td>Impact</td><td colspan="2">Kitchen garden
- 100% skill adoption
- Family Income saving– 80%
(Rs. 3500-4800/ year unit size 50 sq m^2)</td></tr>
<tr><td>Whatsapp Group formation for knowledge updates : 5</td><td colspan="2">5</td></tr>
<tr><td>News</td><td colspan="2">5</td></tr>
</table>

II.Report on Mahila Kisan Diwas (15.10.2022)

Venue: KVK Campus (Participants : 147)

Activities	Photographs
• Purpose for celebrating Mahila Kisan Diwas : Dr. Upasana Singh • Sharing views by Awardee & Progressive Farm Women • Organize Visits: KVK demonstration units & discussion regarding suitability & profitability / economics of existing units • Option and opportunities for women in agriculture • Technological options: Backyard Poultry, Mushroom Production, Kitchen Garden , Azolla cultivation etc. • Training programme : Promotion of Nutrition Gardens for family health & sustainable livelihood • Method demonstration • Lectures : i.Insect & Disease Management in Kitchen garden ii.Doubling Farmer Income iii.Crop Residue Management • Distribution of Vegetable seeds & plants under Front Line Demonstration	  

III.Performance of Value Addition Technology Incubation Centre in Agriculture (please submit one page write-up in quantitative and qualitative forms). N.A.

IV. Attracting & Retaining Youth in Agriculture(ARYA)

I. Objectives :

i. To attract & empower youth in Rural Areas to take up various agriculture, allied and service sector enterprises for sustainable income & gainful employment in selected districts

ii. To enable farm youth to establish network groups to take up resource & capital intensive activities like processing, value addition and marketing

iii. To demonstrate the functional linkage with different institutions & stakeholders for convergence of opportunities available under various schemes/program for sustainable development of youth.

II. Enterprises undertaken

i. Piggery
ii. Poultry
iii. Mushroom Cultivation
iv. Nursery Management & Vermi Compost

II. Activities

Dated	Activity	Venue	Participants
I	Arya Meeting (30.12.2022)	ICAR-ATARI, Jodhpur	4
II	**Extension Activities**		
--	Extension Literature distributed (4)	--	150
	Farm Advisory Services	Various villages	213
	Video (2)		
III.	**Social Media :** KVK portal, Mkisan Portal, Facebook, Website, Whatsup group etc.		

III. Youth Transformed into Agripreneurs

Sl. No.	Enterprises	Youth trained (No.)	Unit established (N.)	Youth visited	Whatsapp group (No.)
1	Piggery	50	32	89	1 Member: 45
2	Poultry	50	45	64	1 Member: 50
3	Mushroom Cultivation	72	44	35	1 Member: 55
4	Nursery Management Vermi Compost	52	06 13	50 35	1 Member: 50 1 Member: 50
	Total	**224**	140	**273**	**5 (250)**

IV. IMPACT (2018-19 to 2022-23)

Sl. No.	Enterprises	Size of unit (No.)	Production Cost (Rs./yr./unit)	Gross return (Rs./yr./unit)	Net Return (Rs./yr./ unit)
1	Piggery	10+1	1,15,000-155000	250,000-3,10,000	1,25,000-1,65,000
2	Poultry				
	i. Poultry (Small scale)	25-30 birds	6,500-10,000	25,000 to 30,000	20,000 to 25,000
	ii. Commercial	1000-5000 birds	2,60,000	7,00,000 to 8,00, 000	4,00,000 to 5,00,000
3	Mushroom Cultivation	300 compost bags	31,218 (season)	67,500 (season)	36,282 (season)
4	Nursery Management & Vermi Compost	1000 m2 14000 m2 240 ft.	8,50,000 20,00,000 15,000	12,00,000 32,00,000 48,000	1.20 lacs (4 month) 12,00,000 33,000

Photographs (ARYA)

Hon'ble DEE, Luvas, Hisar visited at Nursery unit

Nursery Stall in Kisan Mela

Nursery unit visited by Hon'ble President, SCHJE

On-line marketing of Nursery plants

Vermi compost unit established under ARYA

Vermi Compost unit visited by Hon'ble Director, ATARI, Jodhpur & Hon'ble President, SCHE

		
Hon'ble DEE, Luvas, Hisar visited at Poultry unit		Ex-trainees Meetg on Poultry
		
Poultry birds provided for Unit establishment		Farm Advisory Services at Poultry Unit
		
Pig unit visited by Hon'ble DEE, Luvas, Hisar		Ex-trainees meet on Piggery

V. Progress Report of SCSP Scheme (2022)

I. Activities

Dated	Title	Duration	Venue	Male	Female	Total
5-8 March, 22	Food Security through kitchen garden	4	Samlehri	0	17	17
2-11 July, 2022	Value addition (Vegetables & Fruits)	10	KVK	0	15	15
29 Aug. -03 Sep.,22	Nutrition Health & hygiene	6	Samlehri	2	37	39
7-16 Sept. 22	Mushroom production & management	10	KVK	19	21	40

II. Impact

Enterprises	Year	Units (No.)	Unit size	Net Income (Rs.)
Mushroom	2021-22	21	20 to 800 bags	3,500-1,12,000/season
	2022-23	40	10 bags	Newly Established
Poultry	2021-22	32	10-500 birds	5,000-4,80,000/yr
Piggery	2021-22	6	5+1	1,25,000-1,65,000/yr.
Vermi Compost	2022-23	5	240 ft.	Newly Established
Kitchen garden	2021-22	100	50 sqm.	2,400-5,400/yr.
	2022-23	50	50 sqm.	1,800-3,200/Kharif

III. Front Line Demonstrations

Dated	Crop/Enterprises	Area	Participants		
			Male	Female	Total
28-10-2021	Onion Seed NHRDF-Red-4	4.0 ha	11	13	24
24-28 Oct. 2021	Wheat Seed DBW-303 (IIWBR)	2.5 ha	10	00	10
28 Oct.2021	Bio fortified variety of Mustard (PM-30)	8.0 ha	12	08	20
17-11-2021	Poultry farming (Chabron)	3 villages	27	23	50
15-10-2021 & 8-3-2022	Kitchen garden	3 villages	--	100	100
	Total		**60**	**144**	**204**

IV. Extension Activities

Advisory Services	**649**	**8945**	**84**	**9029**
Diagnostic visits	**102**	**582**	**12**	**594**
Field Day	**6**	**367**	**37**	**404**
Group discussions	**13**	**579**	**52**	**631**
Kisan Ghosthi	**13**	**552**	**36**	**588**
Film Show	**11**	**444**	**22**	**466**
Self -help groups	**0**	**0**	**0**	**0**
Kisan Mela	**3**	**906**	**32**	**938**
Exhibition	**5**	**2037**	**44**	**2081**
Farmers' seminar/workshop	**0**	**0**	**0**	**0**
Method Demonstrations	**15**	**334**	**26**	**360**
Celebration of important days	**5**	**551**	**35**	**586**
Special day celebration	**7**	**983**	**52**	**1032**
Exposure visits	**14**	**548**	**29**	**555**
Others (pl. specify)				

Photographs (SCSP Scheme) 2022

Training : Mushroom production & management

Training : Valve addition on Cereals & Pulses

Nutrition security through Kitchen garden

FLD on Onion

Training Programe on Integrated Crop Management in Onion

IIWBR team visited Wheat plot under SCSP

Onion field under SCSP scheme

Pig Unit established under SCSP Scheme

Wheat field under SCSP scheme

VI. Doubling Farmers Income

i. Adopted Villages under Doubling Farmers Income

State	**Haryana**
District	Ambala
Blocks	Saha, Ambala II
Villages	Sapeda & Akbarpur

ii. Bench Mark Survey conducted

Dated	**Event**	**Villages**	**Participants**
1-8 August, 2021	Bench Mark survey	Akbarpur & Sapeda	40
20-31 December, 2021	Bench Mark Survey of Doubling Farmers Income	Munrehdi & Rolo	40

iii.Physical information

Villages	**Land holding (ha)**	**Livestock holding (No)**
Sapeda	240	Local Cattle - 25,Crossbred Cattle – 70,Buffalo – 400, Goat– 30, Poultry birds – 70, Any others – 20
Akbarpur	92	Local Cattle - 15,Crossbred Cattle – 35, Buffalo – 350, Goat– 25, Poultry birds – 260, Any others – 15

iv.Roadmap and Action Plan

- **Soil Health Enhancement :**
  - Through Soil test based balanced fertilizer application
  - Crop Residue Management

- **Introduce of High yielding newly released varieties with advanced package & practices**

- **Crop Diversification :**
  - Through Inter-cropping Lay-out (Chickpea,Mustard,Wheat & Veetable with Sugarcane crop)
  - Increaseing cropping intensity and productivity through Mungbean inclusion in Rice-wheat cropping pattern
  - Promotion of Pulse & Oilseed crops

- **Livestock production & management:**
  - Mineral mixture supplementation
  - Fodder production
  - Improved breed promotion

- **Promotion of secondary agriculture :**
  - Kitchen gardening & value addition
  - Back-yard poultry etc.

- **Group formation , mobilization & Entrepreneurship Development :**
  - Formation of Kisan Clubs
  - Establishment of Custom Hiring Centres

v. Training Programmes

Date	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Total number of participants		
						M	F	Total
I.	**Practising Farmers**							
11-15 Oct. 22	Crop Residue Management	Agronomy	Soil & Water Management	4	Keshopur	25	00	25
17-21 Nov, 22	Crop Residue Management	Agronomy	Soil & Water Management	4	KVK	34	01	35
1-4 March, 22	Integrated Crop Management in Onion	Horticulture	Integrated Crop Management	4	Jawahargarh	13	27	40
23-26 June, 22	Integrated crop Management in Chilli	Horticulture	Integrated Crop Management	4	KVK	15	00	15
24-27 Aug, 22	Integrated Crop Management in Tomato	Horticulture	Integrated Crop Management	4	Sapeda	20	00	20
17-20 Oct.22	Integrated Crop Management in Potato	Horticulture	Integrated Crop Management	4	Haldari	15	00	15
28 Oct-1 Nov.22	Integrated Crop Management in Onion	Horticulture	Integrated Crop Management	4	Jawahargarh	18	00	18
14-17 Oct.22	Integrated Crop Management in Potato	Horticulture	Integrated Crop Management	4	KVK	15	00	15
25-28 June, 22	Management of Leaf Curl in Chilli	Plant protection	Integrated Disease Management	4	Sain Majra	20	00	20
24-28 Aug.22	Management of Pokka Boeing Disease in Sugarcane Crop	Plant protection	Integrated Disease Management	4	Sapeda	51	00	51
31 Aug.-03 Sp. 22	Management of Fruit Borer in Tomato Crop	Plant protection	Integrated Disease Management	4	Jawahagarh	02	37	39
11-15 Oct. 22	Integrated Disease Management in Potato	Plant protection	Integrated Disease Management	4	Haldari	10	00	10
19-21 Jan.22	Parasitic Disease Management in Dairy animal	Animal Science	Disease Management	4	KVK	00	15	15
9-11 Feb.22	Feed & Fodder Management	Animal Science	Feed & Fodder Management	4	KVK	36	04	40
16-18 Feb.22	Importance of Vaccination in management of various disease in livestock animals	Animal Science	Disease Management	4	KVK	15	00	15
9-11 March, 22	Poultry Farming	Animal Science	Poultry farming	4	KVK	23	17	40
14-16 March, 22	Clean Milk Production & Value Addition	Animal Science	Value addition	4	KVK	00	17	17
25-28 Feb.22	Women & Child Care	Home Science	Women & Child Care	4	Tepla	06	34	40
5-9 March, 22	Nutritional food security through Kitchen gardening	Home Science	Kitchen gardening	4	KVK	12	44	56
27-31 May, 22	Women empowerment through income generating activities	Home Science	Women empowerment	4	KVK	0	18	18
29 Aug. 3 Sep, 22	Nutrition , Health & Hygiene	Home Science	Nutrition Management	4	Samlehri	0	25	25
22-23 Aug. 22	Water Conservation under Jal Shakti Abhiyan	Agril. Extn.		4	Rachheri	10	00	10
20-21 April, 22	Water harvesting & Conservation Catch the Rain under JSA	Agril. Extn.		4	Dhanaura	04	34	38

Date	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Total number of participants		
						M	F	Total
2-5 Dec., 22	Leadership Development	Agril. Extn.	Leadership Development	4	Jangumajra	00	29	29
	Total (28)					**330**	**241**	**571**
II.	**Rural Youth**							
12-25 April, 22	Value addition of Milk & Milk products	Animal Science		4	On campus	00	15	15
2-11 July, 2022	Value added products of Fruits & Vegetables	Home Science	Value addition	10	On campus	00	15	15
7-16 Sept. 2022	Mushroom production & management	Plant Protection	Mushroom production	11	On campus	19	21	40
18-09-2022 to 8-10-2022	Mushroom production & management	Plant Protection	Mushroom production	21	On campus	49	11	60
5-19 Dec.2022	Poultry production & management	Animal Science	Poultry farming	15	Janju Majra	30	06	36
7-27 Dec. 2022	Value addition of seasonal fruits & vegetables	Home Science	Value addition	21	Jangu Majra	00	30	30
7-27 Dec., 2022	Vermi compost production & Marketing	Agronomy	Vermi compost	21	On Campus	7	22	29
	Total (7)					**105**	**120**	**225**

I. Front line Demonstrations

Crop	Technology demonstrated	No. of Farmers	Area (ha)
Mustard	Improved variety of Mustard (PM-30)	125	50
Lentil	Improved variety of Lentil (L-4727)	50	20
Chickpea	Improved variety of Chickpea (P-3043)	25	10
Wheat	Bio-fortified variety of Wheat : DBW-303	10	4
Wheat	Bio-fortified variety of Wheat : DBW-187	10	4
Wheat	Bio-fortified variety of Wheat : DBW-222	12	5
Wheat	Late variety of Wheat :DBW-90	15	6
Tomato	Integrated Crop Management in Tomato	10	4
Tomato	Integrated Disease Management	10	4
Potato	Integrated Crop Management	10	4
Onion	Improved variety of Onion : NHRDF- RED	10	4
Onion	Improved variety of Onion : NHRDF- RED 4	25	7
Chilli	Integrated Disease Management in Chilli	10	4
Cattle	Mastitis Kit for Mastitis Management	30	30 (HF)
Poultry	Improved variety of Poultry (Chabron)	50	50 units
Women Empowerment	**Kitchen gardening with improved seed & techniques**	75	5 villages

II. On-farm Trials

1. Management of Early blight in Potato
2.Management of Leaf curl disease in Chilli
3.Efficacy of different herbicides for Weed Management in Onion
4.Assessment of Prebiotic containing Refined functional Carbohydrates (RFCs) on Piglet's overall Health & immunity
5.Assessment of Dietary Electrolyte Balanced (DEB) Diet to optimize production in Poultry

III. Extension Activities

S.No.	Activities	No.	Participants
1	Advisory Services	649	9029
2	Diagnostic visits	102	594
3	Field Day	6	404
4	Group discussions	13	631
5	Kisan Ghosthi	13	588
6	Film Show	11	466
7	Self -help groups	0	0
8	Kisan Mela	3	938
9	Exhibition	5	2081
10	Scientists' visit to farmers field	649	9029
11	Plant/animal health camps	0	0
12	Farm Science Club	0	0
13	Ex-trainees Sammelan	2	55
14	Farmers' seminar/workshop	0	0
15	Method Demonstrations	15	360
16	Celebration of important days	5	586
17	Special day celebration	7	1032
18	Exposure visits	14	555
19	Farmers visited to KVK	150	1633
20	Awareness Camps/ Campaign	89	5924
21	Swachh Bharat Mission	14	1732
22	Kisan Samman Sammelan (Online) 17.10.22	1	121
23	Lectures delivered	62	4438
	Total	**366**	**40535**

V. Other Achievements

- **Success Stories : 110 Nos.**
- 100 ha area under Crop Residue Management (Wheat)
- Promotion of Agro-Horticulture Crops – 50 ha
- Promotion of Pulse & Oilseed crops – 50 ha
- Establishment of units :
    i. Vermi compost unit - 5
    ii. Poultry units – 25
    iii. Pig units – 6
    iv. Dairy units - 1
    v. Nutrition garden units - 50
    vi. Custom Hiring Centre – 1

VI. Interventions (Adopted Villages: Akbarpur, Phulelmajra and Sapeda)

Enterprise/ Crop	Area (Ha.)	Intervention by KVK	Cost of cultivation (Rs./Ha.)		Net Income (Rs./Ha)		Difference (Rs./Ha)
			Before	After	Before	After	
Mustard	50	Improved variety of Mustard (PM-30)	19750.00	18200.00	62313.00	66281.00	3968
Lentil	25	Improved variety of Lentil (L-4727)	16500.00	14300.00	63712.00	43825.00	19887
Chickpea	10	Improved variety of Chickpea (P-3043)	21500.00	18600.00	23125.00	15395.00	7730
Wheat	6	Late variety of Wheat :DBW-90	30500.00	28500.00	8994.00	6762.00	2232
Tomato	4	Integrated Crop Management in Tomato	65700.00	62000.00	557800.00	459000.00	98800
Potato	4	Integrated Crop Management	55000.00	54000.00	23750.00	12375.00	11375
Onion	4	Improved variety of Onion : NHRDF- RED	70000.00	66000.00	181250.00	147375.00	33875
Onion	7	Improved variety of Onion : NHRDF- RED 4	70000.00	66000.00	148940.00	114150.00	34790
Chilli	4	Integrated Disease Management in Chilli	87500.00	82000.00	658750.00	530500.00	128250

VII. Ongoing schemes/ projects :

- In-situ Crop Residue Management, RKVY (ASCI training), PMFBY, ARYA, NARI, CPDO (BYP), Parampragat Krishi Vikas Yojna (Organic Farming), Natural Farming, Doubling Farmers Income, Jal Shakti Abhiyan, Village Adoption programme (NIFTEM), Fertilizer Awareness programme, Plantation Programme,Soil Health & SCSP scheme

XVII. Linkages

- IIWBR, Agriculture Department,Horticulture Department, Assistant Agricultural Engineer, NHRDF linkages (Onion seed), IFFCO (Nano demonstration) ,NFSM (CFLD Oil seed & Pulses) & FLD wheat etc.

Photographs (DFI)

<table>
<tr><td>  </td><td> 
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<tr><td>Ineraction with DFI farmers</td><td>Participation in DFI Workshop</td></tr>
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<tr><td>Management of Caterpillar attack on Chilli vegetable crops through organic mode</td><td>Participation in Kisan Mela on Natural farming</td></tr>
<tr><td> 
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<tr><td>Organic Consumer & Producer Meet</td><td>Field day on Happy seeder sown Wheat</td></tr>
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<tr><td>Exposure visit at IIWBR, Karnal</td><td>Field day on Wheat crop under CRM</td></tr>
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Demonstration of Complete feed block for livestock animals	Poultry training
	
Awareness on DAMU	Training on Jal Shakti Abhiyan
	
Awareness on Nano urea	Front Line Demonstration on Integrated Crop Management in Chilli
	
Vermi compost production	Field day on Mustard crop

VII. Capacity Building of Farmers through Training Programmes on Profitable Dairying Farming and Livestock Management

S.No	Title of the training	Date/ Duration	No. of Participants		
			M	F	Total
1	Parasitic Disease Management under MFAHD Project Capacity Building of farmers	19-21 Jan.2022/ 3 days	40	0	40
2	Feed & Fodder Management	9-11 Feb.2022/3 days	34	6	40
3	Importance of Vaccination in management of various disease in livestock animals	16-18 Feb.2022/3 days	36	4	40
4	Poultry Farming	9-11 March, 2022	13	27	40
5	Clean Milk Production & Value Addition	14-16 March, 2022	23	17	40

PHOTOGRAPHS

Parasitic Disease management training under MFAHD

Importance of Feed & Fodder Management

Training : Disease Management in Dairy animals

Poultry farming

Clean Milk Production & Value addition

VIII. DAMU Project

1. Title of the Project: **GKMS-DAMU Scheme: Establishment of District Agro Met Units**
2. Sanction letter : **ATARI/KVK/IMD-DAMU/2018** Date: 20th June 2020
3. Year of start of AAS at DAMU: **2020**
4. Name and Designation of Staff

Designation	**Name**	**Address**	**STD code Telephone no.& Fax**	**Email-id**
Project Coordinator (PC)	Dr. Upasana Singh	KVK Ambala, Village: Tepla Post Office: Saha, Dist. Ambala - 133104 (Haryana)	Ph: 8295406560 Fax No.: 01712822522	upasanasinghrathee@gmail.com
SMS (Agro-Meteorology)	Post Vacant		--	--
Agromet Observer (AO)	Ms. Vishu		Ph: 7056033522	vishubrar666@gmail.com

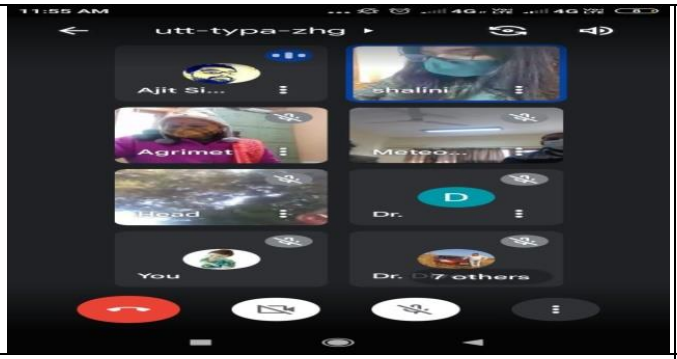
1. Registration on Meghdoot App and Agromet-DSS portal : In Progress

6. List of farmers awareness programmes, FAS (Farmers Advisory Services)

Sr. No.	**Activities**	**Dated**	**Village/Block**	**No. of Farmers**
1.	FAS (Farmers Advisory Services)	12.1.22	Manglai	14
		20.1.22	KVK	25
		12.1.22	Phulelmajra	06
		18.1.22	Phulelmajra	12
		12-1-22	Sapeda	06
		12.1.22	Boh	17
		11-1-22	Hamidpur	17
		6.1.222	Akbarpur	12
2.		18.2.22	KVK	32
		1.2.22	Kukheri	21
		18.2.22	Sambhalkha	39
3.		30.3.22	Dhanura	72
		31.3.22	Ghasitpur	86
		7.3.22	Salarehri	55
		16.3.22	Ahmadpur	12
		23.3.22	Phulelmajra	18
		23.3.22	Sarakpur	10
		25.3.22	Ahmadpur	17
		15.3.22	IIWBR, Karnal	44
4.		21.6.22	KVK	31
5.		23.7.22	Akbarpur	20
		22.7.22	Talrehir	252
		26.7.22	Goli	33
		27.7.22	Hamidpur	18
		27.7.22	KVK	30

6.		7-9-2022	Samlehri	66
		14-9-2022	Samlehri	105
		22-9-2022	Shahzadpur	56
		1-9-2022	Manglore	57
		1-9-2022	Samlehri	52
		1-9-2022	Ambli	22
		4-9-2022	Ahmadpur	60
		2-9-2022	Nanheda	55
		3-9-2022	Govt. School, Samlehri	30
		5-9-2022	Sadakpur	50
		5-12-2022	Shahzadpur	189
	Total			**1641**

Photographs (DAMU Project)



DAMU meeting

Farm Advisory Services at Potato field

Farmers Awareness Programme :DAMU

Farmers Awareness Programme :DAMU

Farmers Awareness Programme :DAMU

Farmers Awareness Programme :DAMU

	
Farmers Awareness Programme :DAMU	Farmers Awareness Programme :DAMU
	
Farmers Awareness Programme :DAMU	Farmers Awareness Programme :DAMU

IX. SWACHH BHARAT MISSION

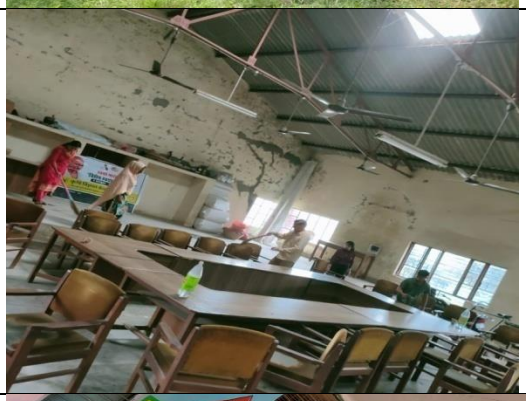
Swachhta Pakhwada (2-31 October. 2022)

Special Swachhta Campaign (2nd -31st October, 2022) are being organized at KVK Campus, Schools and nearby villages with the group of 1062 farmers, farm women, Aanganwadi workers and school students. Following activities are organized :

1. **Pledge : KVK staff**
2. **Cleaning and beautification of KVK lawn**
3. **Cleaning of KVK building**
4. **Awareness : Regarding**
   - Manual & mechanical weed management
   - Cleaning of threshing area
   - Sanitations of agriculture equipments
   - Zero Burning to enhance the soil health
   - Crop Residue Management
   - Importance of Soil Health Card and Balanced application of fertilizer
   - Tree plantation
   - Waste to Best - Vermi Composting
   - Natural farming
5. **Waste Management at household level**
   - Segregation of household waste & establishment of vermi compost unit
   - Establishment of Kitchen garden
   - Use of sanitary Latrines
   - Preparation of Bio Gas Plant
   - Use of Smokeless chullahas & solar cookers
6. **Liquid Waste Management**
   - Preparation of "Sokage Pits" to avoid standing water on road sides
7. **Personal Health & Hygiene**
   - Use of safe drinking water
   - Either by boiling, use of chlorinated water or preparing two pitcher Filter technique to purify water "Janta Water filter"
   - Personal hygiene by taking bath daily, cutting nails etc.
8. **Livestock Management**
   - Clean Milk Production
   - Tick Management in animals
   - Cleaning of Cattle Shed

Date	Venue	Name of activities conducted	No. of participants	Photographs
02.10.2022	KVK, Ambala	Pledge & Cleanliness of KVK campus	15	

Date	Venue	Name of activities conducted	No. of participants	Photographs
03.10.2022	KVK, Ambala	Awarenss on Waste to Best - Vermi Composting under Special Swachhata Abhiyan	32	
04.10.2022	Govt. School, Sambhalkha	Awareness on cleanliness on daily basis like Brushing teeth before eating , Always wash hands after using the toilets, Always wash hands before eating etc	48	
05.10.2022	--	Dussehra --	--	--
06.10.2022	KVK , Ambala campus	Exosure visit at Natural Farm and Cleanliness of KVK campus , Surrounding Administrative building, Road side etc. on daily basis	23	
07.10.2022	KVK Campus	Cleaning of KVK Campus	11	
08.10.2022		Sunday		--

Date	Venue	Name of activities conducted	No. of participants	Photographs
09.10.2022	KVK campus	Beautification of Lawn	5	
10.10.2022	KVK campus	Cleanliness surrounding KVK	12	
11.10.2022	KVK campus	Cleanliness drive including cleaning of offices, corridors and premises	12	
12.10.2022	Keshopur mangali	Awareness among students of Govt Schol Manglai & farmers	88	 

Date	Venue	Name of activities conducted	No. of participants	Photographs
13.10.2022	KVK demonstration Unit	Daily cleanliness at Dairy Demonstration unit	3	
14.10.2022	KVK campus	Cleaning of Demonstration units (Goatary, Dairy, Piggery & Poultry)	11	
15.10.2022	KVK Campus	Awareness on Waste Management at household level i.e. Segregation of household waste & establishment of vermi compost unit,Use of sanitary Latrines, Preparation of Bio Gas Plant, Use of Smokeless chullahas & solar cookers & Establishment of Kitchen garden	140	
16.10.2022	KVK Campus	Cleaning and beautification of surrounding areas : · Hedge & edge cutting, Plantation, Cutting of Flower & Ornamental plants, Maintenance of Flower pots, Weed Management, Cleaning of Road side etc.	7	 

Date	Venue	Name of activities conducted	No. of participants	Photographs
17.10.2022	IARI & KVK campus	PM Kisan Samman Sammelan	288	 
18.10.2022	KVK campus	Cleaning of offices and campus and disposal of scraps, space freed, etc.	6	
19.10.2022	KVK	Integrated Disease Management in Potato	19	
20.10.2022	KVK Campus	Integrated Nutrient Management in Potato	18	

Date	Venue	Name of activities conducted	No. of participants	Photographs
21.10.2022		Slogan competition on Swacchta	14	
22.10.2022	KVK Campus	Whitewash and Cleaning of Offices	10	
23.10.2022	--	Diwali	--	--
24.10.2022	--	--	--	--
25.10.2022 & 26 Oct. 2022	Phulelmajra, Samlehri & Rolon	Interaction with Dairy farm women on Cleaning of Cattle Shed & Management	40	
27.10.2022	KVK Campus and Village Rollon	Cleaning of KVK Campus and Awareness on Crop Residue Management	80	
28.10.2022	KVK	Awareness on Crop Residue Management		
29.10.2022	Samlehri	Awareness on crop residue Management	10	

Date	Venue	Name of activities conducted	No. of participants	Photographs
30.10.2022	KVK Campus	Lecture delivefed on how to use fungicide in Potato crop	15	
31.10.22	KVK campus	Awareness about bio fortified varieties of Wheat (DBW-187, DBW-222 & DBW-303)	20	

X. Performance of Farmer Producer Organization

Sl. No	Name of FPO	Date of FPO Registration	Whether Board member appointed	Whether CEO/Accountant appointed	No. of Farmer members	Whether Bank account opened	Name of Primary Commodity approved by D-MC	Name of Secondary Commodity approved by D-MC	Equity Amount (in Rs.)
1	The Raghuram Agro Farmer Producers Multipurpose Cooperative Society Ltd., Dukheri Block : Ambala-I	24.01.2022	Yes	Yes	300	Yes	Mustard	Potato	600000
2	The Agriterrene Farmers Producers Multipurpose Cooperative Society Ltd. Shahzadpur Block : Shahzadpur	04.02.2022	In Process	In Process	263	Yes	Onion	Sunflower	600000

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	**Methodology used**	**Benefits of OFT/FLD**	**Future Adoption**
Ambala	**Management of Early blight in Potato**	**i)** PRA ii) Problem identified iii) Field level observations iv) Farmer group discussions	Reduction in disease incidence and increased in yield	Followed
	Management of Leaf curl disease in Chilli	PRA ii) Problem identified iii) Field level observations iv) Farmer group discussions	Reduction in disease incidence and increased in yield	Followed
	Efficacy of different herbicides for Weed Management in Onion	PRA ii) Problem identified iii) Field level observations iv) Farmer group discussions	Minimizatioed Weeds density	Followed
	Assessment of Prebiotic containing Refined functional Carbohydrates (RFCs) on Piglet's overall Health & immunity	PRA ii) Problem identified iii) Field level observations iv) Farmer group discussions	Health improvement and minimization of disease	Followed
	Assessment of Dietary Electrolyte Balanced (DEB) Diet to optimize production in Poultry	PRA ii) Problem identified iii) Field level observations iv) Farmer group	Body weight improved on 30 days	Followed

4.2. Feedback from KVK to Research System.:

Name of KVK	Feedback from OFT on technology tested
Ambala	**Management of Early blight in Potato :** Farmers are satisfied with this technology due to incidence of early bligh in potato (8%) in comparision (14%) in farmers practice.
	Management of Leaf curl disease in Chilli : Farmers are satisfied with this technology due to incidence of leaf curl in Chilli (10%) in comparison (15%) in farmers practice**.**
	Efficacy of different herbicides for Weed Management in Onion : Farmers are satisfied with this technology due to weed control efficacy 86.21% and Average yield 136.5 q/ha.
	Assessment of Prebiotic containing Refined functional Carbohydrates (RFCs) on Piglet's overall Health & immunity : Faremrs are very satisfied to use this new technology of Carbohydrates (RFCs) use that will found better body weight gave (60 kg.) and the disease infection found (5%) less than farmers practice (20%).
	Assessment of Dietary Electrolyte Balanced (DEB) Diet to optimize production in Poultry: Farmers are very satisfied to use this new technology of DEB supplement in comparison of Farmers practice is that decreased is scoring of disease (30%) and gain body weight under FCR is also improved (1.8 kg.) in 30 days.

4.3. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. of participants involved
Ambala	Rural Youth	a) PRA technique b) Bench mark survey c) Group discussions with Mukhia/ Sarpanch and Farm families		
1	Value addition of Milk & Milk products		12-25 April, 22 & KVK	15
2	Value added products of Fruits & Vegetables		2-11 July, 2022 & KVK	15
3	Mushroom production & management		7-16 Sept. 2022 & KVK	40
4	Mushroom production & management		18-09-2022 to 8-10-2022 & KVK	60
5	Poultry production & management		5-19 Dec.2022 & Jangu Majra	36
6	Value addition of seasonal fruits & vegetables		7-27 Dec. 2022 & KVK , Jangumajra	30
7	Vermi compost production & Marketing		7-27 Dec., 2022 & KVK	29

- **Impact of most acceptable interventions/technologies**

S.No.	Name of Interventions/Technologies	No. of Participants	No. of Adopters	Change in income	
				Before (Rs./ha)	After (Rs./ha)
1	Integrated Crop Management in Potato	50	50	153822	190287
2	Mushroom production	107	65	--	185000
3	Dairy farming	50	35	250000	325000

Annexure –I

Proceedings of Scientific Advisory Committee Meeting

KRISHI VIGYAN KENDRA, AMBALA

Proceedings of Scientific Advisory Committee Meeting

The Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, Ambala was convened on 28th April, 2022 in Conference Hall of KVK, Ambala under the Chairmanship of Sh.Akhil Bakshi, President, Society for Creation of Heaven on Earth. The following members participated (Online & offline) in the SAC Meeting.

Sr. No.	Name & Designation	Department
1.	Sh.Akhil Bakshi, President (Online)	Society for Creation of Heaven on Earth
2.	Dr.S.K.Singh, Director (Online)	ICAR-ATARI, Zone-II, Jodhpur
3.	Dr. Girish Nagpal, Deputy Director	Agriculture Department, Ambala
4.	Dr.Ajesh Kumar, District Horticulture Officer	Department of Horticulture, Ambala
5.	Dr. Neelam Upadhyay (Online)	National Dairy Insititute, Karnal
6.	Dr. Anil Kippal, Principal Scientist (Online)	ICAR-IIWBR, Karnal
7.	Dr. Devender Chahal, SES (Horticulture)	Representative DEE CCS HAU, Hisar
8.	Sh. Subhash Chander, Superintendent	District Industries Centre, Ambala Cantt
9.	Sh. I. Jawahar, Director	Khadi & Village Industries Commission
10.	Sh. Deepak Jhakar, DDM	NABARD, Ambala
11.	Sh. Punit Kumar, LDM	LDMO, PNB, Ambala
12.	Sh. Amit Chopra, Technical Expert	Khadi & Village Industries Commission
13.	Sh.Praveen Kumar, Area Manager	IFFCO,Ambala
14.	Sh. Sukhminder Singh, Progressive Farmer	CHC, Sapeda
15. ,	Surjeet Singh, Progressive Farmer	Sapeda
16.	Sh. Vinod Kumar, Progressive Farmer	Khudda
17.	Sh.Baljinder Singh, Progressive Farmer	Kapuri
18.	Sh. Balbir Singh, Progressive Farmer	Kapuri
19.	Mr. Shushil Kumar, Vermi Compust farmer	Kapuri
20.	Mrs. Geeta, Progressive Farm Women	Ambala
21.	Mrs. Seema, Progressive Farm Women	Ambala
22.	Dr.Upasana Singh, Member-Secretary	Krishi Vigyan Kendra, Ambala
23.	Sh. Ramesh Kumar, SMS (Agril. Extn.)	Krishi Vigyan Kendra, Ambala
24.	Dr. Vikram Dhirendra Singh, SMS (P.P.)	Krishi Vigyan Kendra, Ambala
25.	Dr.Amit Kumar, SMS (Horticulture)	Krishi Vigyan Kendra, Ambala
26.	Sh.Rajendra Kumar Singh, SMS (Agronomy)	Krishi Vigyan Kendra, Ambala
27.	Sh.Abhay Kumar, Farm Manager	Krishi Vigyan Kendra, Ambala
28.	Mrs. Kajal, Programme Assistant (H.Sci.)	Krishi Vigyan Kendra, Ambala
29.	Sh.Dhirendra Singh, SRF (ARYA)	Krishi Vigyan Kendra, Ambala
30.	Sh.Yogesh Kumar, Assistant	Krishi Vigyan Kendra, Ambala
31.	Mrs.Meera Sharma, Computer Programmer	Krishi Vigyan Kendra, Ambala
32.	Miss Vishu, Agromet Observer (DAMU)	Krishi Vigyan Kendra, Ambala
33.	Sh.Charanjeet Singh, Steno	Krishi Vigyan Kendra, Ambala
34.	Sh. Gaurav, FCA, CRM	Krishi Vigyan Kendra, Ambala

Dr.Upasana Singh, Senior Scientist & Head, KVK, Ambala welcomed the members of the Scientific Advisory Committee. She presented action taken report on previous year Suggestions given in SAC Meeting held on 24-07-2021 & activities at a Glance of KVK during the year (2021-22) & Projects.

Suggestions in SAC Meeting held on 24-07-2021	
Salient Recommendations	**Action taken**

I. Dr. S. K. Singh, Director, ICAR-ATARI,Zone-II, Jodhpur	
FPO must be registered in selected blocks as per FPO guidelines	Two FPO Registered in Ambaa-I & Shahzadpur blocks
The Demonstration unit of Dairy should be established at KVK farm within two months	The Dairy unit established with 5 Deshi Cows at KVK on 31st March, 2022
Promote short duration varieties of pulse crops	The demonstrations conducted on short duration variety (58 days) of Moong
Popularize the fortified varieties under NARI programme	Promotion of Bio fortified varieties: Wheat : DBW-187, DBW-222, DBW-303 Mustard : PM-30
DFI Success stories must be submitted to ATARI	110 nos. of Success stories submitted on DFI
Support word may be used in Successful cases instead of guidance	Followed
Ten years old varieties should not be taken	Followed

Deliberations:

During meeting all KVK SMS presented Achievements (2021-22) & Action Plan (July-December,2022) of their related field alongwith the achievements of Crop Residue Management, ARYA, CFLD , NARI, SCSP, CSISA, IIWBR, Ex-situ projects etc.Technical session proceed with discussion and later SMS were suggested to achieve all the targets with full enthusiasm & dedication. The major recommendations of the SAC Meeting is as under :

Recommendations/ Action Points

Dr. S. K. Singh, Director, ICAR-ATARI, Zone-II, Jodhpur

- Specify the name of weeds in OFT on Weed Management in Maize
- Utpadakta (Yield) may be used instead of Utpadan (Yield)
- The reason should be mentioned of less yield of Paddy
- Same farmers/farm women should be present in farmers training (four days)
- Rural youth trainings to be conducted on need based assessment.The lesson plan may be prepared and feed-back must be collected after training programme.
- Fruit Plants age should be mentioned
- Area should be mentioned in seed production slide
- Crop Cafeteria word may be used instead of Crop Museum

Sh. I. Jawahar, Director, KVIC, Ambala

- Bee-keeping training should be conducted

Sh. Sukhminder Singh, Progressive Farmer, CHC, Sapeda

- Semen Bank should be established in KVK

Annexure –II

(Practicing farmers, Rural Youth and Extension Functionaries)

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							M	F	Total	M	F	Total	M	F	Total
I.	**PRACTICING FARMERS**														
i.		**Agronomy**			4										
11-15 Oct. 22	PF	Crop Residue Management	Agronomy	Soil & Water Management	4	Keshopur	25	00	25	00	00	00	25	00	25
17-21 Nov, 22	PF	Crop Residue Management	Agronomy	Soil & Water Management	4	KVK	34	00	34	00	01	01	34	01	35
		Total (2)					**59**	**00**	**59**	**00**	**01**	**02**	**59**	**01**	**60**
ii.		**Horticulture**													
1-4 March, 22	PF	Integrated Crop Management in Onion	Horticulture	Integrated Crop Management	4	Jawahargarh	08	00	08	05	27	32	13	27	40
23-26 June, 22	PF	Integrated crop Management in Chilli	Horticulture	Integrated Crop Management	4	KVK	12	00	12	03	00	03	15	00	15
24-27 Aug, 22	PF	Integrated Crop Management in Tomato	Horticulture	Integrated Crop Management	4	Sapeda	20	00	20	00	00	00	20	00	20
17-20 Oct.22	PF	Integrated Crop Management in Potato	Horticulture	Integrated Crop Management	4	Haldari	15	00	15	00	00	00	15	00	15
28 Oct-1 Nov.22	PF	Integrated Crop Management in Onion	Horticulture	Integrated Crop Management	4	Jawahargarh	18	00	18	00	00	00	18	00	18
14-17 Oct.22	PF	Integrated Crop Management in Potato	Horticulture	Integrated Crop Management	4	KVK	15	00	15	00	00	00	15	00	15
		Total (6)					**88**	**00**	**88**	**08**	**27**	**35**	**96**	**29**	**125**
iii.		**Plant Protection**													
25-28 June, 22	PF	Management of Leaf Curl in Chilli	Plant protection	Integrated Disease Management	4	Sain Majra	20	00	20	00	00	00	20	00	20
24-28 Aug.22	PF	Management of Pokka Boeing Disease in Sugarcane Crop	Plant protection	Integrated Disease Management	4	Sapeda	46	00	46	05	00	05	51	00	51
31 Aug.-03 Sp. 22	PF	Management of Fruit Borer in Tomato Crop	Plant protection	Integrated Disease Management	4	Jawahagarh	02	07	09	00	30	30	02	37	39
11-15 Oct. 22	PF	Integrated Disease Management in Potato	Plant protection	Integrated Disease Management	4	Haldari	10	00	10	00	00	00	10	00	10
		Total (4)					**78**	**07**	**85**	**05**	**30**	**35**	**83**	**37**	**120**
iv.		**Animal Science**													
19-21	PF	Parasitic Disease	Animal	Disease Management	4	KVK	00	00	00	00	15	15	00	15	15

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							M	F	Total	M	F	Total	M	F	Total
Jan.22		Management in Dairy animal	Science												
9-11 Feb.22	PF	Feed & Fodder Management	Animal Science	Feed & Fodder Management	4	KVK	32	04	36	04	00	04	36	04	40
16-18 Feb.22	PF	Importance of Vaccination in management of various disease in livestock animals	Animal Science	Disease Management	4	KVK	15	00	15	00	00	00	15	00	15
9-11 March, 22	PF	Poultry Farming	Animal Science	Poultry farming	4	KVK	20	04	24	03	13	16	23	17	40
14-16 March, 22	PF	Clean Milk Production & Value Addition	Animal Science	Value addition	4	KVK	00	03	03	00	14	14	00	17	17
		Total (5)					**67**	**11**	**78**	**07**	**42**	**49**	**74**	**53**	**127**
v.		**Home science**													
25-28 Feb.22	PF	Women & Child Care	Home Science	Women & Child Care	4	Tepla	02	02	04	04	32	36	06	34	40
5-9 March, 22	PF	Nutritional food security through Kitchen gardening	Home Science	Kitchen gardening	4	KVK	02	12	12	10	32	42	12	44	56
27-31 May, 22	PF	Women empowerment through income generating activities	Home Science	Women empowerment	4	KVK	00	00	00	00	18	18	0	18	18
29 Aug. 3 Sep, 22	PF	Nutrition , Health & Hygiene	Home Science	Nutrition Management	4	Samlehri	00	00	00	00	25	25	0	25	25
		Total (4)					**4**	**14**	**16**	**14**	**107**	**121**	**18**	**121**	**139**
vi.		**Agricultural Extension**													
22-23 Aug. 22	PF	Water Conservation under Jal Shakti Abhiyan	Agril. Extn.		4	Rachheri	07	00	07	03	00	03	10	00	10
20-21 April, 22	PF	Water harvesting & Conservation Catch the Rain under JSA	Agril. Extn.		4	Dhanaura	02	01	03	02	33	35	04	34	38
2-5 Dec., 22	PF	Leadership Development	Agril. Extn.	Leadership Development	4	Jangumajra	00	07	07	00	22	22	00	29	29
		Total (3)					**09**	**8**	**17**	**05**	**55**	**60**	**14**	**63**	**77**
		Grand Total (28)					**296**	**32**	**326**	**34**	**207**	**242**	**330**	**241**	**571**
II.	**Rural Youth**														
12-25 April, 22	PF	Value addition of Milk & Milk products	Animal Science		4	On campus	00	00	00	00	15	15	00	15	15
2-11 July,	RY	Value added products of	Home	Value addition	10	On campus	00	00	00	00	15	15	00	15	15

Date	Clientele	Title of the training programme	Discipline	Thematic area	Duration in days	Venue (Off / On Campus)	Number of other participants			Number of SC/ST			Total number of participants		
							M	F	Total	M	F	Total	M	F	Total
2022		Fruits & Vegetables	Science												
7-16 Sept. 2022	RY	Mushroom production & management	Plant Protection	Mushroom production	11	On campus	0	0	0	19	21	40	19	21	40
18-09-2022 to 8-10-2022	RY	Mushroom production & management	Plant Protection	Mushroom production	21	On campus	49	11	60	00	00	00	49	11	60
5-19 Dec.2022	RY	Poultry production & management	Animal Science	Poultry farming	15	Janju Majra	02	00	02	28	06	34	30	06	36
7-27 Dec. 2022	RY	Value addition of seasonal fruits & vegetables	Home Science	Value addition	21	Jangu Majra	00	00	00	00	30	30	00	30	30
7-27 Dec., 2022	PF	Vermi compost production & Marketing	Agronomy	Vermi compost	21	On Campus	00	00	00	7	22	00	7	22	29
		Total (7)					**51**	**11**	**62**	**54**	**109**	**134**	**105**	**120**	**225**
III. Extension Functionaries															
15-10-2022	EF	Nutritional security by kitchen gardening	Home Science	Nutritional security by kitchen gardening and nutrition gardening		--	00	18	00	00	02	02	00	20	20
		Total (1)					**00**	**18**	**00**	**00**	**02**	**02**	**00**	**20**	**20**
		Grand Total (I+II+III) 36 No.					**347**	**61**	**388**	**88**	**318**	**378**	**435**	**381**	**816**