



KRISHI VIGYAN KENDRA AMBALA

ANNUAL PROGRESS REPORT **(JANUARY- DECEMBER, 2024)**

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

ANNUAL REPORT (January-December, 2024)

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ANNUAL REPORT (January-2024-December-2024)

APR SUMMARY

1. Training Programmes

Clientele	No. of Courses	Male	Female	Total participants
Farmers & farm women	44	670	362	1032
Rural youths	14	154	172	326
Extension functionaries	2	0	50	50
Sponsored Training	--	--	--	--
Vocational Training	--	--	--	--
Total	60	824	584	1408

2. Frontline demonstrations

Enterprise	No. of Farmers	Area (ha)	Units/Animals
Oilseeds	125	50.0	--
Pulses	165	60.0	--
Cereals	72	28.8	--
Vegetables	55	20.0	--
Other crops	--	--	--
Hybrid crops	--	--	--
Total	417	158.8	
Livestock & Fisheries	25	--	25
Other enterprises	113	11.2	100
Total	138	11.2	125
Grand Total	555	170.0	125

3. Technology Assessment

Category	No. of Technology Assessed	No. of Trials	No. of Farmers
Technology Assessed			
Crops	5	5	50
Livestock	2	2	30
Various enterprises	--	--	--
Total	7	7	80

4. Extension Programmes

Category	No. of Programmes	Total Participants
Extension activities	335	83241
Other extension activities	--	156
Total		83397

5. Mobile Advisory Services

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marketing	Awareness	Other enterprise	
	Text only	1	0	0	0	16	2	19
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	1	0	0	0	16	2	19
	Total farmers Benefitted							63238

6. Seed & Planting Material Production

	Quintal/Number	Value Rs.
Seed (q)	73.15	310021.00
Planting material (No.)	3496	56862.00
Bio-Products (kg)	3300	16500.00
Livestock Production (No.)	609	957925.00
Mushroom (kg.)	89.75	8975.00

7. Soil, water & plant Analysis

Samples	No. of Beneficiaries	Value Rs.
Soil	110	--
Water	0	--
Plant	90	--
Total	200	--

8. HRD and Publications

Sr. No.	Category	Number
1	Workshops	7
2	Conferences	1
3	Meetings	24
4	Trainings for KVK officials	5
5	Extension folder	2
6	Proceedings	2
7	Award & recognition	0
8	On going research projects	8

DETAIL REPORT OF APR-2024

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KRISHI VIGYAN KENDRA Vill. Tepla, Post Saha District Ambala-133 104 (Haryana)	Office 0171-2822522	FAX 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	--	8295406560	<u>upasanasinghrathe@gmail.com</u>

1.4. Year of sanction: 1995

1.5. Staff Position (As on 1.1.2025)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Category (SC/ST/OBC/Others)	Mobile no.	Email id
1	Senior Scientist & Head	Dr. (Mrs.) Upasana Singh	Senior Scientist & Head	Home Science	Level-13 A	186900.00	04.08.08	Gen.	8295406560	upasanasinghrathee@gmail.com
2	Subject Matter Specialist	Dr. Ramesh Kumar	SMS (Agricultural Extension)	Agricultural Extension	Level-11	88400.00	14.08.08	Gen.	9017975976	rameshjhorar @rediffmail.com
3	Subject Matter Specialist	Dr. Vikram Dhirendra Singh	SMS (Plant Protection)	Plant Protection	Level-11	78500.00	12.06.14	Gen.	8950235630	drvdskvkambala@gmail.com
4	Subject Matter Specialist	Dr. Amit Kumar	SMS (Horticulture)	Horticulture	Level-11	76200.00	12.08.15	Gen.	9991567854	amitbaliyan2009 @gmail. com
5	Subject Matter Specialist	Dr. Rajendra Kumar Singh	SMS(Agronomy)	Agronomy	Level-10	67000.00	11.9.18	Gen.	8948490351	rajanmpsingh @gmail.com
6	Subject Matter Specialist	Dr. Rajan Mishra	SMS (Animal Science)	Animal Science	Level-10	58500.00	15.10.22	Gen.	9532422637	mishrarajan560@gmail.com
7	Programme Assistant	Mrs. Kajal	Programme Assistant	Home Science	Level- 6	38700.00	23.12.21	Gen.	7696948748	kajalrana0808@gmail.com
8	Computer Programmer	Mrs. Meera Sharma	Computer Programmer	Computer	Level-7	62200.00	01.04.08	Gen.	9467677662	meerasharma1968 @gmail. com
9	Farm Manager	Sh. Abhay Kumar	Farm Manager	Agriculture	Level-9	87700.00	08.12.97	Gen.	9416113081	abhay9416113081 @gmail. com
10	Accountant / Superintendent	Sh. Yogesh Kumar	Assistant	Accounts	Level- 6	39900.00	16.12.20	Gen.	7837724186	yogeshsandhu22@gmail.com
11	Stenographer	Sh. Charanjeet Singh	Steno	---	Level- 4	36400.00	16.02.12	Gen.	8684070786	jeetsamra2@gmail.com
12	Driver	Sh. Shyam Lal	Driver-cum-Mechanic	Jeep	Level- 4	32300.00	16.02.12	SC	9466331139	
13	Driver	Sh. Sandeep Kumar	Driver-cum-Mechanic	Tractor	Level- 3	23800.00	23.12.21	Gen.	9729324461	--
14	Supporting staff	Sh. Raman Kumar	Supporting Staff	--	Level- 2	36100.00	27.05.96	Gen.	9416847720	--
15	Supporting staff	Sh. Karamjit Singh	Supporting Staff	--	Level- 2	34000.00	12.08.02	SC	8901188631	--

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 (4)			539.26	10.05			
	1. Poultry	ICAR	1997-98	50.96	--	--	--	--
	2. Goatry	ICAR	1997-98	89.30	--	--	--	--
	3. Piggery	ICAR	1997-98	364.0	--	--	--	--
	4. Mushroom	ICAR	1997-98	35.0	--	--	--	--
5	Fencing	ICAR	1997-98	254.40	2.38	--	--	--
6	Rain Water harvesting system	--	--	--	--	--	--	--
7	Threshing floor	--	--	--	--	--	--	--
8	Farm godown(Seed Store)	ICAR	1997-98	300 sq.m	3.0	--	--	--

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Tractor	March,17 Aug.,19 (CRM)	5,98,292.00 6,45,000.00	New Holland 1645 Massy : 2586 hours	Good Good
Jeep	March,2017	6,71,361.00	133195	Good
Motor cycles (2)	2009-10 2009-10	Both Motor cycles were provided by Society for Extension work	Splendor : 79888 Delux : 42564	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	V.Poor
HP Printer	2018-19	12500	V.Poor
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 Photometer	2009-10	886970	Poor
Flame Photometer	2009-10	44300	Poor
PH Meter	2009-10	6940	Satisfied
Conductivity meter	2009-10	15957	Satisfied
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	V.Poor
Oven	2009-10	34875	Poor
Hot Plate	2009-10	2250	Satisfied

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
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	2009-10	156203	Poor
Incubator and autoclave			
Kent RO with accessory	2009-10	23400	Satisfied
Oven	2009-10	7190	Satisfied
Refrigerator	2009-10	53200	Very Poor
Camera			
Laminar air flow and table desk	2009-10	122496	Very Poor
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	Poor
Furniture	2009-10	12375	Very Poor
Glass & Plastic ware/Chemicals	2009-10	73515	Satisfied
Light Trap	2009-10	5400	Very Poor
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
Spilt AC Hitachi with Stabilizer	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.	10-05-2024	1. Sh.Akhil Bakshi, President, Society for Creation of Heaven on Earth 2. Dr. J.P. Mishra, Director, ICAR-ATARI, Zone-II, Jodhpur 3. Dr. Balwan Singh Mandal, Director of Extension Education, CCS Haryana Agricultural University, Hisar	I.The Head should include in presentation the leadership & backstopping provided to KVK II.Awareness about the schemes of line departments may be included in the training programmes III.The ITK of the Farmers may be adopted by KVK for validation/ updation V.Efficiency of Agri- Drone need to be studied and evaluated by KVK while spraying of nutrients,	i. Presented in this SAC ii. Followed iii.ITK : Removal of placenta (post delivery) by Jaggery & Bamboo leaves in Buffaloes & Cows iv. Demonstrations not conducted due to non

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
		<p>4. Dr. Satyavir Singh, Principal Scientist (Agril.Extn.),ICAR-IIWBR, Karnal</p> <p>5. Dr. Jasvinder Singh, Deputy Director Agriculture, Farmers Welfare & Agriculture Department, Ambala</p> <p>6. Mrs. Isha Rani, WCDPO, Women & Child Department, Ambala</p> <p>7. Ms. Arshdeep, District Youth Coordinator ,Nehru Yuva Kendra, Ambala</p> <p>8. Mrs. Sujata, Supervisor, Women & Child Department, Ambala</p> <p>9. Dr. Sukhbir Singh, Assistant Professor, Rajiv Gandhi Govt., Saha</p> <p>10. Mr. Jitender Arya, Education Department</p> <p>11. Dr. Vineet Kumar , DADF, CPDO (NR), Chandigarh</p> <p>12. Sh. Gurpreet Singh, Field Officer, IFFCO, Ambala</p> <p>13. Sh. Seva Ram, Assistant, IFFCO, Ambala</p> <p>14. Sh. Pritam Kumar, ADO (FI), Agriculture Engineering Deptt. Ambala</p> <p>15. Sh. Dharm, Agriculture Engineering Deptt. Ambala</p> <p>16. Sh. Ravi Pal, President, FPO, Shahzadpur</p> <p>17. Sh. Lal Chand, President, FPO, Dukheri</p> <p>18. Sh. Sanjay Koal, J K Seeds</p> <p>19. Dr. Vivek Rana, Savana Seeds</p>	<p>chemicals etc.</p> <p>V.As a CBBO for FPO, KVK Ambala should start work on group dynamics, exposure visit, linking of FPO with value chain, capacity development in value chain of FPO members.</p> <p>VI.Crop Diversification model should be established at KVK in the crop cafeteria as well as at farmer's field.</p> <p>II.Revolving Fund to be increased at least by 20% every year through different enterprises i.e. nursery, piggery, poultry, dairy and others</p> <p>III.Sponsored training may be organised for Colleges, NYK & other line departments</p> <p>X.The KVK should attempt case studies based on their impactful work and present in SAC 2025</p> <p>X.Scientific studies on nutrition, behavioural change in dietary intake etc. should be conducted & presented scientifically.</p> <p>XI.Inbreeding of technology should be avoided in OFT. The technology of CCSHAU should be promoted through FLDs</p> <p>II.The seed of HYVs / hybrids developed by private companies should not be promoted in OFTs/FLDs.</p> <p>III.The pesticides /insecticides banned by CIBRC should not be used in OFTs/CFLDs</p> <p>V.The FLD on fruit crops should be conducted in established orchards at farmer's field</p> <p>V.Training programmes on quality seed production etc. should be conducted by KVK</p> <p>VI.Training programmes on seed treatment, nursery raising, bakery products should be organised for farm women</p> <p>II.Farmers participatory programme on seed production</p>	<p>availability of funds</p> <p>v. Exposure visit : -FPO exhibition "TARANG" at Panchayat Office, Patti Mehar, Ambala City from 28 to 30 June 2024 -FPO Mela at Distt.Level (27.07.2024) vi. Crop Diversification models established: - Mustard (DRMR-2017-15 (Radhika) - Chickpea (PBG-8) - Lentil (LL-1373)</p> <p>vii. We will follow the directions by increasing the size of demonstration units</p> <p>viii. Sponsored trainings organised :NYK</p> <p>ix. Preparing of case studies is in progress (Mustard & Pig/Poultry)</p> <p>x. Data collected in collaboration with Health Department, CDPO ,Asha workers</p> <p>xi. The technology of CCSHAU included in FLDs.</p> <p>Xii. Directions followed</p> <p>xiii. Following the Package practice recommendations</p> <p>xiv. Followed : Application of Plant Growth Regulator in mango</p> <p>xv. Seed production training programme included in action Plan-2025</p> <p>xvi. Training programmes organized on Nursery Management, Mushroom Production, Bakery & exposure visit organized at NIFTEM, Murthal</p> <p>xvii. Included in Action Plan</p>

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
		20. Dr. Upasana Singh, Member-Secretary , KVK, Ambala 21. Dr. Ramesh Kumar, SMS (Agril. Extn.) 22. Er. Guru Prem, SMS (SWM) 23. Dr. Vikram Dhirendra Singh, SMS (PP) 24. Dr. Amit Kumar, SMS (Hort.) 25. Dr. Rajendra Kr. Singh, SMS (Agronomy) 26. Dr. Rajan Mishra, SMS (Ani.Sci.) 27. Sh. Abhay Kumar, Farm Manager 28. Mrs. Kajal, Programme Assistant	for farmers to farmer seed promotion may be involved in KVK activities III. The KVK should promote leading poultry breeds including Kadaknath X. Awareness programmes should be organised in schools for creating awareness about anaemic and the dietary intake to reduce anaemia. X. Knowledge indicators may be included for the evaluation & assessment process of the trainings XI. The special programme of SCSP should be made more focused for long-term sustainability of the efforts II. Progressive farmers/ entrepreneur may be called in leadership building programme & other skill training programmes. III. Unit level data to be recorded in CFLDs,/FLDs in each commodity and reported. The data as FLDs in livestock to be recorded for six months. V. The IOR standards may be complied upon in Animal Sciences for data collection and reporting	2025 xviii. Poultry breeds Kadaknath procured at KVK farm xix. Awareness programmes organised : -Govt. School, Tepla -Convent School, Ambala Cantt -Villages (Nutrition Month) xx. Pre & Post Evaluation are being included in Rural youth training xxi. Units of Poultry , Piggery, Mushroom etc. established under SCSP scheme xxii. Sh. Neeraj Kumar: Nursery Management Training Sh. Ishwar Dass, Pig Farmer : Piggery Training Ms. Geetu, Yamunanagar: Art & Craft Training xxiii. Followed
2.	20-12-24	1. Sh.Akhil Bakshi, President, Society for Creation of Heaven on Earth 2. Dr. Anuj Kumar, Principal Scientist (Agricultural Extn.), ICAR-IIWBR, Karnal 3. Dr. Kamna Barbataki, Director, Central Poultry Dev.Org.(NR), Chandigarh 4. Dr. Jasvinder Singh, Deputy Director Agriculture ,Farmers Welfare & Agriculture Department, Ambala 5. Dr. Anil Barwala, Deputy Director, Department of Animal Husbandry & Dairying, Ambala	i. KVK, Ambala should attempt case studies based on their impactful work in pig farming & oilseed crops. ii. The KVK should promote leading poultry breeds and link farmers with Animal Husbandry Department. iii. KVK should work on the management of stem borer attack in rice crop iv. The impact of trichoderma on crops need to be documented v. Awareness programmes on judicious use of insecticides, pesticides	i. Included in Action Plan-2025 -Piggery, Poultry & Mustard ii. Included in FLD : Chabro (Commercial) ii. Included in FLD : Management of Stem borer in Rice iv. Will be prepared v. Followed

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
		6. Dr. Virender Singh, District Horticulture Officer, Horticulture Department, Ambala 7. Er. Subhash Chandra, Assistant Agriculture Engineer, Agriculture Department, Ambala 8. Er. Karan Singh, ADO (Eng. Cadre), Agriculture Department, Ambala 9. Dr. Dinesh Kumar, DHC, Horticulture Department, Ambala 10. Sh. Pushpendra Kumar, DDM, NABARD, Ambala 11. Sh. Kamal Pant, Manager, Bank of Maharashtra, Ambala 12. Ms. Arshdeep, District Youth Coordinator, Nehru Yuva Kendra, Ambala 13. Mrs. Reena Devi, Fishery Officer, Fisheries Department, Ambala 14. Dr. Sukhbir Singh, Rajiv Gandhi Government College, Saha 15. Mrs. Meenu Chauhan, WCDPO, Women & Child Department, Saha Block, Ambala 16. Dr. Rohit, CPDO (NR), Chandigarh 17. Dr. Rajesh Aggarwal, SMS (T&I), Farmers Welfare & Agriculture Department, Ambala 18. Sh. Ravi Pal, President, FPO, Shahzadpur 19. Sh. Lal Chand, President, FPO, Dukheri 20. Sh. Sukhminder Singh, President, Kisan Club, Sapeda 21. Mrs. Sumneet Kaur, Social Worker & Ex Sarpanch, Gram Panchayat Tepla 22. Mrs. Baljinder Kaur, President, SHG,	should be increased vi. The KVK Dairy Demonstration unit with desi breeds may be redesigned for greater profitability vii. The KVK should promote popular varieties : WSL-109, WSL-110 & WSL-83 etc. iii. KVK may be on boarded as organisation partner on My Bharat Portal ix. The FLD on Poakh boeing disease in sugarcane should be conducted. x. The FLD on vegetable crops viz. Onion, carrot should be conducted xi. In FLD should be presented data of production & other parameter in poultry	vi. Proposal will be prepared for submission to ATARI vii. Included in Action Plan - 2025 (WSL-110 & WSL-111 etc.) viii. Registered on My Bharat Portal ix. Included in FLD (Plant Protection) Action Plan 2025 x. Included Onion FLD xi. Followed

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken
		<p>Chajjalmajra</p> <p>23. Dr. Upasana Singh, Member-Secretary, KVK, Ambala</p> <p>24. Dr. Ramesh Kumar, SMS (Agril. Extn.), KVK, Ambala</p> <p>25. Er. Guru Prem, SMS (SWM), KVK, Ambala</p> <p>26. Dr. Vikram Dhirendra Singh, SMS (PP), KVK, Ambala</p> <p>27. Dr. Amit Kumar, SMS (Hort.), KVK, Ambala</p> <p>28. Dr. Rajendra Kr. Singh, SMS (Agronomy), KVK, Ambala</p> <p>29. Dr. Rajan Mishra, SMS (Ani.Sci.), KVK, Ambala</p> <p>30. Sh. Abhay Kumar, Farm Manager, KVK, Ambala</p> <p>31. Mrs. Kajal, Programme Assistant (Home Sci.), KVK, Ambala</p>		

Annexure-II: Copy of SAC proceedings along with list of participants

2. DETAILS OF THE DISTRICT (2024)

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

S. No	Farming system/enterprise
1	Rice-Wheat
2	Rice-Sugarcane-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 - 20C – 450C Source of Irrigation : Tubewell (96%) & Canal (14%)
2	Agro ecological situation Geographical Area (ha) : 153171 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)
2	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)
I.	Crops (23-24)			
1	Wheat	100669	4789831.00	47.58
2	Paddy	95734	4213253.30	44.01
3	Sugarcane	11500	83000000.00	721.73
4	Mustard	3985	63082.50	15.83
5	Sunflower	8690	215772.70	24.83
II.	Vegetable Crops (22-23)			
1	Potato	3250	81680.00	25.10
2	Onion	2926	40272.00	13.80
3	Tomato	1587	30882.00	19.50
4	Cauliflower	2248	43848.00	19.50
5	Leafy vegetables	3662	58018.00	15.80
6	Watermelon	202	5456.00	104.90
7	Muskmelon	190	4204.00	131.40
III.	Fruit Crops (22-23)			
1	Mango	1432.9	11570.00	385.70
2	Guava	560.1	9976.00	114.70

(Source : Agriculture & Horticulture Department)

2.5. Weather data (2024)

Month	Rainfall (mm)	Temperature 0 C		Relative Humidity (%)
		Maximum	Minimum	
January, 24	1.90	12.93	6.43	96.71
February, 24	12.70	21.82	10.34	83.41
March, 24	58.80	27.71	14.89	73.03
April, 24	9.20	35.25	20.65	53.63
May, 24	0.00	40.08	25.82	45.61
June, 24	39.00	41.44	28.56	50.17
July, 24	128.10	35.83	27.77	80.87
August, 24	522.00	34.14	26.55	86.87
September, 24	179.70	33.13	25.77	86.53
October, 24	9.90	33.44	21.48	79.61
November, 24	0.00	27.49	15.41	84.93
December, 24	28.30	21.43	946129.00	80.00

(Source : IMD, Chandigarh)

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

Category	Population	Production	Productivity
Cattle			
Crossbred	71160	2853.0 tons	4.8 Lit/D/Animal
Indigenous			
Buffalo	137620	161307.0 tons	4.6 Lit/D/Animal
Sheep			
Crossbred	16887	25368 kg. Wool 251147.23 kg. Meet	--
Goats	6695	511100.00 kg Milk 454138.00 kg. Meet	--
Pigs	4128	303431.00 kg. Meet	56.39 kg./Pig
Rabbits	56	--	--
Poultry			
Hens	2873268	258037300 Eggs	317136 kg. Chicken
Fish	Ponds : 370.14 ha	1932.5 ton	5.14 /ha

(Source: AHD, Deptt. of Haryana, Ambala (2023))

2.7 Details of Operational area / Villages (2024)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Saha	Saha	Akbarpur, Allahpur, Bihta, Chudiala, Dhakola, Chudiali, Chhapra, Ghasitpur, Goli, Haldari, Harda, Hardi, Hamidpur, Jawahargarh, Kalpi, Keshopur, Kesri, Kharu Khera, Landha, Langer, Mehmoodpur, Mithapur, Nagla Jattan, Nahoni, Naggal, Paplotha, Pasiala, Phulelmajra, Sambhalkha, Samlehri, Tepla, Rampur, Uplana, Saha, Pilkhani, Kalpi, Gola, Goli, Khera, Ramgarh,	<p>Rice Wheat Mustard Chickpea Sugarcane Potato Onion</p> <p>Agril. Extn.</p> <p>Women Empowerment</p> <p>Livestock</p>	<ul style="list-style-type: none"> Overdependence on water-intensive crops. Predominantly paddy & Wheat, which deplete groundwater level Unpredictable pest outbreak can lead to crop damage High cost of cultivation due to traditional sowing techniques Youth Migration, Urbanisation & un-employment Mal-nutrition & anemia Limited economic opportunities Poor Production, Nutrition & Disease management practice in Livestock 	<ul style="list-style-type: none"> Crop diversification and productivity enhancement through oilseed & horticulture crops Strengthen water management, farm mechanization & promotion of RCTs Expend opportunities for horticulture Knowledge up-gradation regarding organic farming practices using natural pest control methods, composting & organic inputs Integrated Pest, Disease & Nutrient Management FPO Training, Awareness, Campaigns <p>Women Empowerment :</p> <ul style="list-style-type: none"> Knowledge upgradation about nutritious food, balanced diet, nutri-thali etc. Post-harvest management & value addition (Seasonal Fruits & vegetables, Milk products etc.) Entrepreneurial activities viz. tailoring, handicraft etc. <ul style="list-style-type: none"> Production, Nutrition & Disease Management in Livestock

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
	Barara	Barara	Adhoya, ,Alipur, Binjalpur, Dhanora, Duliana, Hemamajra, Holi, Gaganpur, Jahangirpur, Milk Dhankotan, Mullana, Thamber, Sirasgarh, Sehlapur, Rukri, Sohana,Tangail, Ponti, Sherpur, Sulkhani, Adhoi, Sohata, Tandwal, Gheldi, Subhri, Sajjan Majra, Sarakpur, Zaffarpur	Rice Wheat Mustard Chickpea Sunflower Sugarcane Potato Onion Livestock	<ul style="list-style-type: none"> • Overdependence on water-intensive crops. Predominantly paddy & Wheat , which deplete groundwater level • Unpredictable pest outbreak can lead to crop damage • High cost of cultivation due to traditional sowing techniques • Poor Production, Nutrition & Disease management practice in Livestock 	<ul style="list-style-type: none"> • Crop diversification and productivity enhancement through oilseed & horticulture crops • Strengthen water management, farm mechanization & promotion of RCTs • Expend opportunities for horticulture Knowledge up-gradation regarding organic farming practices using natural pest control methods, composting & organic inputs • Integrated Pest, Disease & Nutrient Management • Production, Nutrition & Disease Management in Livestock
	Ambala cantt	Ambala –II	Brahanmajra, Khudda Kalan, Manglai, Sapeda, Bhilpura,Rattanheri, Munrehri, Rollan	Rice Wheat Mustard Chickpea Sunflower Sugarcane Potato Onion	<ul style="list-style-type: none"> • Overdependence on water-intensive crops. Predominantly paddy & Wheat , which deplete groundwater level • Unpredictable pest outbreak can lead to crop damage • High cost of cultivation due to traditional sowing techniques 	<ul style="list-style-type: none"> • Crop diversification and productivity enhancement through oilseed & horticulture crops • Strengthen water management, farm mechanization & promotion of RCTs • Expend opportunities for horticulture Knowledge up-gradation regarding organic farming practices using natural pest control methods, composting & organic inputs • Integrated Pest, Disease & Nutrient Management
	Ambala city	Ambala-I	Miyan Majra, Durana, Dukhedi, Fazailpur, Kot katchua Kalan, Adhomajra,			

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
	Naraingarh	Shahzadpur	Banondi, Jolly, Sontli, Khurd, Kakadmajra, Rachheri Shahzadpur, Sherpur, Maggarpura, Nagla-Jattan, Kadasan, Kodwa kalan, Handi Khera, Rajoli, Panjeto, Sadikpur, Manglore, Kherki, Jangu Majra	Rice Wheat Mustard	<ul style="list-style-type: none"> Overdependence on water-intensive crops. Predominantly paddy & Wheat, which deplete groundwater level 	<ul style="list-style-type: none"> Crop diversification and productivity enhancement through oilseed & horticulture crops
	Naraingarh	Naraingarh	Chhajal Majra, Chotti Bassi, Sain Majra, Jangu Majra, Miyanpur, Kullarpur, Sangrani, Dehar, Ambli, Ahmadpur	Chickpea Sunflower Sugarcane Potato Onion Women Empowerment Livestock	<ul style="list-style-type: none"> Unpredictable pest outbreak can lead to crop damage High cost of cultivation due to traditional sowing techniques Mal-nutrition & anemia Limited economic opportunities Poor Production, Nutrition & Disease management practice in Livestock 	<ul style="list-style-type: none"> Strengthen water management, farm mechanization & promotion of RCTs Expend opportunities for horticulture Knowledge up-gradation regarding organic farming practices using natural pest control methods, composting & organic inputs Integrated Pest, Disease & Nutrient Management <p>Women Empowerment :</p> <ul style="list-style-type: none"> Knowledge upgradation about nutritious food, balanced diet, nutri-thali etc. Post-harvest management & value addition (Seasonal Fruits & vegetables, Milk products etc.) Entrepreneurial activities viz. tailoring, handicraft etc. <ul style="list-style-type: none"> Production, Nutrition & Disease Management in Livestock

2.8 Priority/thrust areas

Crop/Enterprise	Thrust area
Rice, Wheat, Sugarcane Oilseed & Pulses & Farm Machinery	<ul style="list-style-type: none"> ❖ 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 improved varieties of Wheat, Mustard & Lentil etc.
Potato, Onion, Tomato (Vegetable crops)	<ul style="list-style-type: none"> ❖ 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 ❖ Agril. Drone
Livestock	<ul style="list-style-type: none"> ❖ 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	<ul style="list-style-type: none"> ❖ 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
6	7	60	70	72	170	260	555

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	43	44	1105	1042	50	335	8485	83241
Rural youth	8	14	205	326				
Extn. Functionaries	2	2	55	50				

Seed Production (Qtl.)			Planting material (Nos.)		
5			6		
Target	Achievement	Distributed to no. of farmers	Target	Achievement	Distributed to no. of farmers
140	73.15	131	3000	3496	9

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	Onion	Foliar application of Micro Nutrients in Onion	1	10
	Potato	Nutrient Management in Potato	1	10
Integrated Pest Management	Sugarcane	Management of Early shoot borer in Sugarcane	1	10
	Paddy	Management of Stem borer in Rice	1	10
Farm Machineries	Wheat	Assessment of Super Seeder for wheat sowing	1	10
Total			5	50

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
Nutrition Management	Buffaloes (Murrah)	Infertility improvement in murrah buffalo	1	15
Production and Management	Buffaloes (Murrah)	Growth improvement of Buffalo calves	1	15
Total			2	30

I.B. TECHNOLOGY ASSESSMENT IN DETAIL

Integrated Nutrient Management

1. Foliar application of Micro nutrients in Onion

- I. Problem Definition : Low yield of Onion
 II. Technology Assessed : Foliar application of Micro nutrients in Onion
 III. Source of Technology : PAU, Ludhiana

Krishi Vigyan Kendra, Ambala conducted on- farm trial (Sain majra & Jawahargarh villages) at 10 farmer's field to assess the Foliar application of Micro nutrients in Onion. The results indicated that the recommended technology performed better with increase in yield (16.84%), Bulb size 5.75 cm. and weight of bulb 88.95 gm. The average yield is 277.50 qtl/ha.



Table : Foliar application of Micro nutrients in Onion

Technology Option	No. of trials	Yield (t/ha)	Net Returns (Rs. in lakh./ha)	B:C Ratio
T1 : NPK 135: 60: 30 & No foliar application of Micro nutrients (F.P.)	10	23.75	3.13	3.75
T2 : Recommended dose of NPK 125 :50: 25 + Foliar application of Znso4 @ .5% + FeSo4 @ .25% at 30 & 45 DAS (Ass.)		27.75	3.82	4.25

2. Nutrient Management in Potato

I. Problem definition	: Low yield of Potato
II. Technology Assessed	: Nutrient Management in Potato
III. Source of Technology	: PAU, Ludhiana

Krishi Vigyan Kendra, Ambala conducted on- farm trial in villages Jawahargarh, Nahoni & Haldari on 1 ha area of 10 farmers for Nutrient Management in Potato. The recommended technology performed better with increase yield (10.54%) , weight of bulb (88.95 gm), size of bulb (5.75 cm) & av. Yield 277.50 qtl/ha.



Table : Nutrient Management in Potato

Technology Option	No. of trials	Yield (t/ha)	Net Returns (Rs. in lakh./ha)	B:C Ratio
T1 : FYM 10 ton, NPK 200 : 90 : 90 (F.P.)	10	25.73	1.10	2.57
T2 : FYM 20 ton , N:P:K (187.5 : 62.5 : 62.5) + Spray of Biozyme remulation @ 20 kg./ha at tuber initial stage (Ass.)		28.44	1.28	2.79

3. Management of Early Shoot borer in Sugarcane

I. Problem definition	: Yield & quality of cane are affected due to attack of pest
II. Technology Assessed	: Management of Early Shoot borer in Sugarcane
III. Source of Technology	: PAU, Ludhiana

KVK, Ambala was conducted this OFT in two villages namely Sapera and Kapuri on 10 number of farmers field at 4.0 ha area were covered. Its results indicated that the use of Regent 0.3 GR (Fipronil) @ 25 kg / ha and gave 5.83% increase in yield and increase in B:C ratio 2.75 % respectively included the reduction in infestation of Early shoot borer was found 50%. The farmers were satisfied with this technology because only 12 % infestation was recorded into the demonstration field as compare of farmers practice where infestation was found 18%.



Table : Management of Early Shoot borer in Sugarcane

Technology Option	No. of trials	Infestation of Early shoot borer (%)	Yield (q/ha)	Net Returns (Rs./ha)	BC Ratio
T1 : Quinalphos 25 EC (F.P.)	10	18	710.75	197895.00	3.27
T2 : Regent (fipronil) 0.3 G @ 25 kg/ha (Ass.)		12	752.25	207358.50	3.36

4. Management of Stem borer in Rice

- I. Problem definition : Low yield was found due to attack of larvae of stem borer insect
 II. Technology Assessed : Management of Stem borer in Rice
 II. Source of Technology : PAU, Ludhiana

KVK, Ambala was conducted this OFT in village Khudda Kalan on 10 number of farmers field at 4.0 ha area were covered. Its results indicated that the use of Coragen 18.5 SC @ 150ml / ha gave 4.39% increase in yield and increase in B:C ratio 2.83 % respectively included this the reduction in infestation of Stem bore was found 33.33%. farmers were very satisfied with this technology because only 12 percent infestation was recorded into the demonstration field as compare of farmer practice where infestation was found 16 percent.



Table : Management of Stem borer in Rice

Technology Option	No. of trials	Infestation of stem borer (%)	Yield (q/ha)	Net Returns (Rs./ha)	BC Ratio
T1 : Use of Chlorpyrifos 20 EC (F.P.)	10	16	39.17	122187.00	3.88
T2 : Coragen 18.5 SC (Chlorantraniliprole @ 150 ml/100 lit. of water) (Ass.)		12	40.89	128761.00	4.0

5. Assessment of Super Seeder for Wheat sowing

- I. Problem definition : Deterioration in soil properties & environment pollution
 II. Technology Assessed : Assessment of Super Seeder for Wheat sowing
 III. Source of Technology : PAU, Ludhiana

The KVK, Ambala conducted on-farm trial on 4.0 ha at 10 farmers field in villages Tepla & Nanga Nanku for Assessment of Super Seeder for wheat sowing had enhanced the wheat yield 56.10 qtl/ha alongwith net profit of Rs.86478/ hectare.



Table Assessment of Super Seeder for Wheat sowing

Technology Option	No. of trials	Yield (t/ha)	Net Returns (Rs./ha)	BC Ratio
T1 Conventional method (F.P.)	10	5.32	75970.00	2.68
T2 Super Seeder		5.61	86478.00	3.10

6. Infertility improvement in murrah buffalo

- I. Problem definition : Repeat breeding, Hormonal imbalance, Trace mineral deficiency, Silent heat & Early embryonic mortality
- II. Technology Assessed : Infertility improvement in murrah buffalo
- III. Source of Technology : GADVASU, Ludhiana

KVK, Ambala conducted trial for Infertility improvement in murrah buffaloes of 10 farmers of Sherpur & Rampur villages. The recommended technology showed better result on Heat symptoms, clear discharge and improved conception rate as well as increased milk yield (189 kg) as compared to farmer's practice (126 kg.)



Table : Infertility improvement in murrah buffalo

Technology Option	No. of trials	Milk yield (lit./month)	AI per conception (No.)	B: C Ratio
T1 : No use of supplements (F.P.)	15	126	--	1.36
T2 : supplementation of Trace Minerals (Zn & Cu) with Purified Plant Protein and Linoleic acid @ 40gm/ head/ day for duration of 30 days (Ass.)		189	2	1.64

7. Growth improvement of Buffalo calves

- I. Problem definition : Retarded growth & early life mortality
- II. Technology Assessed : Growth improvement of Buffalo calves
- III. Source of Technology : NDRI, Karnal

KVK, Ambala conducted trial for Growth improvement of Buffalo calves of 10 farmers of Kesri & Samlerhi villages. The recommended technology showed better result on growth improvement and reduced mortality (none) and morbidity rate.



Table : Growth improvement of Buffalo calves

Technology Option	No. of trials	Body weight (kg.)	Net return (Rs./ha)	B:C Raio
T1 : No Practice (F.P.)	15	10.80	498.57	1.09
T2 : Supplementation of Mineral Mixture @20gm/head/day with Iron and Vitamin E @20ml/head/day after 45 days of birth (Ass.)		13.60	728.90	1.12

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2024 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		
1	Oilseed (Toria, Mustard & Sunflower)	<ul style="list-style-type: none"> Varietal evaluation Integrated Crop Management Integrated Pest & Disease Management 	<ul style="list-style-type: none"> Package & practices Improved variety of Sunflower(PSH-1962) Improved variety of Toria (TL-17) Improved variety of Mustard (PM-21, PM-28, Pusa Tarak, PM-30, RH-725, RH-761) IPM of Bihar hairy caterpillar in Sunflower Control of Head borer in Sunflower Plant protection measures against Downey mildew in Toria 	<ul style="list-style-type: none"> OFT,FLD & FAS Trainings & Lectures Kisan Gosthi Field Days Publication & Messages Kisan Mela visits Samples analysed Social Media 	82	1141	507
2	Pulse crops (Chickpea, Arhar Mungbean & Lentil)	<ul style="list-style-type: none"> Varietal evaluation Integrated Crop Management Integrated Pest & Disease Management 	<ul style="list-style-type: none"> Package of practices Improved variety of Chickpea (GNG-1958,CSJ-515, GNG-2144, GNG-2171 & P-3043) Recommended variety of Mungbean(MH-421,SML-832,M.H.421 & P-1431) Improved variety of Lentil(LL-931, L-4727, L-4717, L-4727, LL-1373) Plant protection Measures for Pod borer IPM of Bihar Hairy Caterpillar in Mungbean Improved variety of Arhar (AL-882) 	<ul style="list-style-type: none"> OFT,FLD & FAS Trainings & Lectures Kisan Gosthi Publication & Messages Messages Kisan Mela visits Samples analysed Social Media 	118	1313	498
3	Rice	<ul style="list-style-type: none"> Varietal evaluation Integrated Crop Management Integrated Pest & Disease Management Soil & Water Testing 	<ul style="list-style-type: none"> 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 Sheath blight Management Bacterial leaf blight Management Management of Alkali soil for yield enhancement Soil testing based fertilizer application Management of Bakanae disease in Basmati rice 	<ul style="list-style-type: none"> OFT,FLD & FAS Trainings & Lectures Kisan Gosthi Publication & Messages Messages Kisan Mela visits Samples analysed Social Media 	92	902	829
4	Wheat	<ul style="list-style-type: none"> Varietal evaluation Integrated Crop Management 	<ul style="list-style-type: none"> Package & practices Improved seed (DBW-187, DBW-90, HD-3226, HD-2967,HD-2733, HD-2894, Unnat PBW-343,WH- 	<ul style="list-style-type: none"> OFT,FLD & FAS Trainings & Lectures 	128	1297	5798

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
		<ul style="list-style-type: none"> Integrated Pest & Disease Management Management of problematic soil & water 	1105,HD-3059, HD-3086,HD-3226,PBW-677,HPBW-01 & WB-2, DBW-222, Late variety DBW-90, DBW-303, PBW-826, DBW-332) <ul style="list-style-type: none"> Management of Aphid, Yellow Rust& Karnal Bunt disease & Termite Management of high RSC water for yield enhancement & Soil testing based fertilizer application 	<ul style="list-style-type: none"> Kisan Gosthi Field Days Publication & Messages Samples analysed Social Media 			
5	Sugarcane	<ul style="list-style-type: none"> Integrated Pest Management 	<ul style="list-style-type: none"> Plant protection measures for Top borer Plant protection measures for Black bug Early shoot borer 	<ul style="list-style-type: none"> FAS Trainings & Lectures Improved variety introduced 	8	50	20
6	Maize	<ul style="list-style-type: none"> Integrated Pest Management Weed management 	<ul style="list-style-type: none"> Plant protection measures to control of Maize shoot fly, fall armyworm Weed management through Tembotrione (Laudis) herbicide Foliar application of Zinc in Maize 	<ul style="list-style-type: none"> OFT, FLD Sowing method 	9	65	22
7	Vegetables /Fruits Potato Tomato Onion	<ul style="list-style-type: none"> Varietal evaluation Integrated Crop Management Integrated Pest & Disease Management 	<ul style="list-style-type: none"> Seed Treatment Variety Kufri Khyati & Kufri Pukhraj of potato Weed management Leaf curl disease , Purple Blotch & Thrips Foliar application of Chemical fertilizer IDM of late blight in Potato Management of Bacterial wilt in Tomato 	<ul style="list-style-type: none"> OFT,FLD & FAS Trainings & Lectures Kisan Gosthi Publication & Messages Samples analysed Social Media 	50	462	263
8	Direct seeding of Rice	RCT/Farm Machinery	-Method of sowing with DSR -Package & practices	<ul style="list-style-type: none"> OFT,FLD & FAS Trainings & Lectures Kisan Gosthi Field Days Publication & Messages Demo. & Soil Samples Social Media 	27	299	132
9	Happy Seeder/Zero tillage in Wheat	RCT/Farm Machinery	Method of sowing with Happy Seeder/ Zero tillage & package of practices	<ul style="list-style-type: none"> OFT,FLD & FAS Trainings & Lectures Field Days Publication & Messages Kisan Mela visits Social Media 	56	860	649

S. No	Crop/ Enterprise	Thematic Area*	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
10	Poultry	-Production & management Nutrition Management	Back-yard Poultry :Improved Breed (CARI Nirbheek, Chabron & Vanraja)	<ul style="list-style-type: none"> • OFT, FLD & FAS • Trainings & Lectures • Exposure visits & Exhibition 	42	512	3444Birds
11	Dairy	-Disease Management -Production & Management	-Prevention of mastitis in dairy animals -Mineral mixture supplementation -Feed suppliment's effect on production & management -Ethnoveterinary practices	<ul style="list-style-type: none"> • OFT, FLD & FAS • Trainings & Lectures • Exposure visits • Social Media 	25	200	420 --animals
12	Pigs	-Evaluation of breed -Feed & Fodder Management	- Breed Large White York Shire -Replacement of 50% feed with sugarcane press mud (Maili)	<ul style="list-style-type: none"> • OFT, FLD & FAS • Trainings & Lectures • Publication & Messages • Exposure visits & Exhibition • Social Media 	35	260	850Animals
15	Women Empowerment	1.Nutritional security by kitchen gardening 2.Women & Child Health Care	-Seed of improved variety of vegetables	Promotion of technologies through <ul style="list-style-type: none"> • Various extension approach • Awareness programmes, Trainings, Demonstrations • Print Media & Social Media 	50	887	--

- a. Details of FLDs implemented during 2024 (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	ICM	Integrated Crop Management in Mustard	Rabi 2023-24	50	50	13	112	125	--

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					
Mustard	Rabi 2023-24	Irrigated	Sandy loam	37.5	250	35	Paddy	10.11.23	20.2.24	35.30	8

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1. Mustard	Newly release variety and micronutrient showed yield increase than old variety

Farmers' reactions on specific technologies

S. No	Feed Back
2. Mustard	Farmers shows interest in high yielding hybrid varieties

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	21.2.2024	100	--
2	Farmers Training	--			
3	Media coverage	1			
4	Training for extension functionaries	--			

ii. FLD on Pulses

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	Chickpea	ICM	Integrated Crop Management in Chickpea	Rabi 2023-24	10	10	40	0	40	--
2	Lentil	ICM	Integrated Crop Management in Lentil	Rabi 2023-24	75	50	16	109	125	Non availability of Seed

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					
Chickpea	Rabi 2023-24	Irrigated	Sandy loam	Failed due to weather conditions	--	--	--	--	--	-	--
Lentil	Rabi 2023-24	Irrigated	Sandy loam	21.53	124	0.77	Paddy	10-15 Nov.23	10-15 April, 24	94.70	12

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Crop failed due to weather conditions
2	Lentil variety (L-4717, L-4727 & LL-1373) performed better as compare to local because its more branches and pods and medium size of grain.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Crop failed due to weather conditions
2	Farmers are satisfied and committed for using of variety (L-4717, L-4727 & LL-1373) of Lentil

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	1	5.4.24	37	
2	Farmers Training	--	--	--	
3	Media coverage	--	--	--	
4	Training for extension functionaries	--	--	--	

iii. FLD on Cereals & Vegetables 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	Wheat	Natural farming	Natural farming	Rabi 2023-24	4.8	4.8	0	12	12	--
2	Wheat	Varietal evaluation	Variety PBW-826	Rabi 2023-24	4	4	0	10	10	--
3	Wheat	Integrated Crop Management	DBW-332	Rabi 2023-24	8	8	0	20	20	--
4	Wheat	Integrated Pest Management	Management of Termite attack in wheat	Rabi 2023-24	8	8	11	9	20	--
5	Maize	Integrated Pest Management	Management of Fall armyworm in Maize	Kharif 2024	4	4	3	7	10	--
6	Tomato	Integrated Crop Management	Integrated crop Management in Tomato	Rabi 2023-24	4	4	0	10	10	--
8	Onion	Varietal evaluation	Improved variety of onion NHRDF-Red	Rabi 2023-24	8	8	20	0	20	--
9	Onion	Varietal evaluation	Improved variety of onion NHRDF-Red-4	Rabi 2023-24	4	4	0	15	15	--
10	Potato	Integrated Crop Management	Integrated Crop Management in Potato	Rabi 2023-24	4	4	0	10	10	--

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					
Wheat	Rabi 2023-24	Irrigated	Sandy loam	--	--	--	Paddy	5.11.23	22.4.24	94.70	12
Wheat	Rabi 2023-24	Irrigated	Sandy loam	--	--	--	Paddy	26.10.23	20.4.24	94.70	12
Wheat	Rabi 2023-24	Irrigated	Sandy loam	--	--	--	Paddy	25.10.23	24.4.24	94.70	12
Wheat	Rabi 2023-24	Irrigated	Sandy loam	--	--	--	Paddy	30.10.23	21.4.24	94.70	12
Maize	Kharif 2024	Irrigated	Sandy loam	--	--	--	Wheat	--	--	--	--
Tomato	Rabi 2023-24	Irrigated	Sandy loam	--	--	--	Fodder	22.7.23	6.2.24	205.4	33
Onion	Rabi 2023-24	Irrigated	Sandy loam	--	--	--	Potato	3.1.24	5.5.24	80.7	12
Onion	Rabi 2023-24	Irrigated	Sandy loam	--	--	--	Potato	28.12.23	7.5.24	80.70	12
Potato	Rabi 2023-24	Irrigated	Sandy loam	--	--	--	Paddy	13.10.23	5.1.24	50.80	8

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1. Wheat	Natural Farming inputs role play to improve crop health and produce quality grain.
2. Wheat	Best performance of Improved variety of PBW-826 as compared to old varieties.
3. Wheat	Improved variety gives high yield & performed better than old variety.
4. Wheat	Farmers were satisfied after using this technology of plant protection
5. Maize	Farmers were satisfied after using this technology of plant protection
6. Tomato	Farmers are satisfied with technology due to size of fruit & weight as compared to local check
7. Onion	Farmers are satisfied with technology due to weight of bulb , increase in yield as compared to local check
8. Onion	Farmers are satisfied with technology due to size of bulb higher as comparison to local check
9. Potato	Farmers are satisfied with technology due to to higher tuber size, tuber weight as compare to local check

Farmers' reactions on specific technologies

S. No	Feed Back
1. Wheat	Farmers were satisfied with increased in yield and BC Ratio
2. Wheat	Farmers were satisfied with increased in yield and BC Ratio
3. Wheat	Farmers are satisfied for high yielding & disease (Strip & Leaf rust) resistant variety
4. Wheat	Farmers satisfied for reduction in infestation (83%)
5. Maize	Farmers were satisfied with reduction in infestation (38.46%)
6. Tomato	Farmers were satisfied with net return and B C Ratio
7. Onion	Farmers were satisfied with net return and B C Ratio
8. Onion	Farmers were satisfied with net return and B C Ratio
9. Potato	Farmers were satisfied with net return and BC Ratio

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	4	--	171	
	Wheat	4	28.3.25 23.3.25 4.4.24 20.9.24	35 28 43 65	
2	Farmers Training	26		650	
	Natural Farming (KVK)		16-17 Feb., 24	40	
			19-20 Feb., 24	40	
			27-28 Feb., 24	40	
			29 Feb.-1 Mar.24	40	
			7-8 March, 24	40	
			12-13Mar., 24	40	
			15-16 Mar.,024	40	
			18-19 March, 24	40	
			27-28 March, 24	40	
			29-30 March, 24	40	
	Integrated management of Aphid in wheat crop (Samlehri)		26-29 Feb.24	10	
	Management of early shoot borer in Sugarcane (KVK)		29-8-24 to 1-9-24	10	
	Integrated Pest Management of Stem borer in Rice (Khudda)		17-20 Sep.24	10	
	Nutrient Management in Onion (Sainmajra Ganauli, Allahpur)		29 Jan-01 Feb. 24	15	
	Integrated Management of Fall armyworm in Maize (Sherpur)		18-20 April,24	15	
	Scientific cultivation on tomato (Samlehri)		9-12 Sept. 24	10	
	ICM on Potato (KVK)		9-12 Oct.24	21	
	Role of Micro nutrients in Potato (Sain majra)		15.-18 Oct.24	10	
	ICM in Onion (KVK)		21-24 Oct.24	15	
	ICM in Onion KVK		25-29 Oct.24	20	
	Scientific cultivation of Potato (KVK)		30-9-24 to 3-10-24	11	
	Integrated Crop Management on Wheat		5-8 Nov.24	30	
	Role of balanced fertilizer application in wheat (SCSP) KVK		18-11-24	30	
	Importance of balanced fertilizer application in wheat		19-22 Nov.24	13	
	Management of early blight disease in Potato (KVK)		9-12 Dec.24	10	
	Management of Onion blight disease (KVK)		26-29 Dec.24	10	
3	Media coverage	6			
	i. Awareness on DSR SAWANA ii. Dhaan ki sidhi bijai ke labh v kharpatwar prabandhan ke sikhaye gur (Dainik jaran) iii. KVK dawara prashetr diwas manaya gya (Dainik Bhaskar) iv. Krishi vigyan kendra ne kiya fasal avshesh prabandhan ke liye jagruk (Punjab Kesri) v. SMS Khalsa Labana mahila college barara me fasal avshesh pranbandhan hetu jagrukta karyakaram sampan (Krishak aaradhna) vi. Vidhyarthio ko padhaya fasal aveshesh prabandhan ka path (Amar ujala)		21.9.24 22.9.24 13.11.24 18-24 Nov.24 16.11.24	--	
4	Training for extension functionaries		--	--	

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	ICM	Integrated Crop Management in Mustard	RH-725 RH-761	125	50	19.75	5.5	12.63	20	(-)	32122.50	71331.25	39208.75	2.220601	33725.5	113000	79274.5	3.35

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

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops

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										
Chickpea	ICM	Integrated Crop Management in Chickpea	PBG-10	40	10	Crop	Failed	Crop	Failed	Crop	Failed	Crop	Failed	Crop	Failed	Crop	Failed	Crop
Lentil	ICM	Integrated crop Management in Lentil	L-4717, L-4727 & LL-1373	125	50	10.75	5.0	7.78	5.75	35.41	16400.00	50050.00	33650.00	3.05	15200.00	36943.00	21743.00	2.43

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

** BCR= GROSS RETURN/GROSS COST

FLD on Other crops

Category & Crop	Thematic Area	Name of the technology	No. of Farmer s	Area (ha)	Yield (q/ha)			Check	% Change in Yield	Other Parameters		Economics of demonstration (Rs./ha)				Economics of check (Rs./ha)			
					Demo					Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
					High	Low	Avera ge												
Wheat																			
Wheat	Natural farming	Natural farming	12	4.8	31.25	20.00	45.00	26.25	71.43	--	--	35225.00	162750.00	118753.00	4.62	28247.00	123975.00	88750.00	4.38
Wheat Timely sown																			
Wheat	Varietal evaluatio n	Variety PBW-826	10	4	60.00	47.50	53.75	45.00		--	--	38750.50	122281.50	83531.50	3.17	35225.00	102375.00	67150.00	2.90
Wheat	ICM	DBW-332	20	8	56.25	46.50	51.37	45.00		--	--	38750	133159.00	94409	3.55	35225	102375.00	67150.00	2.90
Wheat	IPM	Manage-ment of Termite attack in wheat	20	8	57.80	47.18	52.49	48.35	8.56	Reducti on in infestati on (6)	Reducti on in infestati on (11)	36750	119414.75	82664.75	3.24	35560	109996.25	74436.25	3.10
Maize																			
Maize	IPM	Management of Fall armyworm in Maize	10	4	127.50	98.30	112.90	106.00	6.50	Reducti on in Infestati on (13%)	Reducti on in Infestati on (18%)	36500	248380	211880	6.80	34750	233200	198450	6.71
Vegetables																			
Tomato																			
Tomato	ICM	Integrated crop Management in Tomato	10	4	242.00	219.00	228.33	202.52	12.74	--	--	75000	342500	267495	4.57	68000	303780	235780	4.47
Onion																			
Onion	Varietal evaluatio n	Improved variety of onion NHRDF-Red	20	8	242.00	212.00	157.00	142.00	10.56	--	--	117500	282600	165100	2.40	115000	255600	140600	2.22
Onion	Varietal evaluatio n	Improved variety of onion NHRDF-Red-4	15	4	233.90	228.20	230.50	205.15		--	--	117500	414900	297400	3.53	113750	369270	255520	3.24
Commereial Crops																			
Potato																			
Potato	ICM	Integrated Crop Management in Potato	10	4	301.00	281.00	290.00	258.25		--	--	72000	246500.00	174500	3.42	70000	219512.50	149512.50	3.13

FLD on Livestock

Category	Thematic area	Name of the technology demonstrated	No. of Farmer	No.of Units (Animal/ Poultry/ Birds, etc)	Major parameters		% change in major parameter	Other parameter		Economics of demonstration (Rs.)				Economics of check (Rs.)			
					Demo	Check		Demo	Check	Gross Cost	Gross Return	Net Return	BCR (R/C)	Gross Cost	Gross Return	Net Return	BCR (R/C)
Cattle																	
Cow	Production Management	Performance on milk yield in cows	10	10	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.
Piggery																	
Pigs	Production Management	Growth performance of piglets	15	15	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.	R.A.

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
Happy Seeder	Wheat	Wheat sowing with Happy seeder	10	10	-Yield (qtl/ha) : 55/75 -Net Return (Rs./ha): 75517/- -BCR: 3.23											
DSR	Paddy	DSR-Swift Gold Bayer	3	1.2	-Yield (qtl/ha):: 77.50 -Net Return (Rs./ha) : 126950.00			Water saving (37%)								

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 -Brinjal -Ghia,Tori -Cucurbits	Kitchen gardening with improved seed & techniques	100	100	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.3000-3800/yr./Unit size -50m ²) c)Improved nutritional status & family health

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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 (d)	0	0	0	0	0	0	0	0	0	0
e) Tuber crops										
Production and Management technology	1	10	0	10	0	0	0	10	0	10
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	10	0	10	0	0	0	10	0	10
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
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	35	0	35	0	15	15	35	15	50
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 (Crop Residue Management)	4	100	0	100	0	0	0	100	0	100

[illegible]

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Household food security by kitchen gardening and nutrition gardening	1	0	0	0	0	38	38	0	38	38
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	1	0	0	0	0	20	20	0	20	20
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	1	0	0	0	0	30	30	0	30	30
Value addition	0	0	0	0	0	0	0	0	0	0
Women empowerment	1	0	0	0	0	25	25	0	25	25
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	2	0	0	0	0	35	35	0	35	35
Others (pl specify)	0	0	0	0	0	0	0	0	0	0
Total	6	0	0	0	0	148	148	0	148	148
VI Agril. Engineering										
Farm Machinery and its maintenance	1	15	0	15	0	0	0	15	0	15
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	1	15	0	15	0	0	0	15	0	15
VII Plant Protection										
Integrated Pest Management	1	9	0	9	1	0	1	10	0	10

[illegible]

Thematic area	No. of courses	Participants								
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
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	2	9	11	1	12	13	3	21	24
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	2	9	11	1	12	13	3	21	24
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	44	543	115	658	117	247	364	660	362	1022

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	1	0	0	0	0	25	25	0	25	25
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	11	9	20	11	9	20
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	11	0	11	23	11	34	34	11	45
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	45	45	0	45	45
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	1	0	0	0	0	18	18	0	18	18
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	2	30	1	31	9	9	18	39	10	49
Sheep and goat rearing	1	20	0	20	3	2	5	23	2	25
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	1	0	0	0	33	0	33	33	0	33
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	2	0	0	0	14	32	46	14	32	46
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 (Bakery products)	1	0	0	0	0	20	20	0	20	20
TOTAL	14	61	1	62	93	171	264	154	172	326

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	1	0	0	0	0	25	25	0	25	25
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	11	9	20	11	9	20
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	11	0	11	23	11	34	34	11	45
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	45	45	0	45	45
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	1	0	0	0	0	18	18	0	18	18
Production of quality animal products	0	0	0	0	0	0	0	0	0	0
Dairying	2	30	1	31	9	9	18	39	10	49
Sheep and goat rearing	1	20	0	20	3	2	5	23	2	25
Quail farming	0	0	0	0	0	0	0	0	0	0
Piggery	1	0	0	0	33	0	33	33	0	33
Rabbit farming	0	0	0	0	0	0	0	0	0	0
Poultry production	2	0	0	0	14	32	46	14	32	46
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	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 (Bakery)	1	0	0	0	0	20	20	0	20	20
TOTAL	14	61	1	62	93	171	264	154	172	326

**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	2	0	28	28	0	22	22	0	50	50
Any other (pl.specify)	0	0	0	0	0	0	0	0	0	0
TOTAL	2	0	28	28	0	22	22	0	50	50

[illegible]

IV. Extension Programmes

Activities	No. of programmes	No. of farmers	No. of Extension Personnel	TOTAL
Advisory Services	619	10179	7	10186
Diagnostic visits	189	2244	2	2246
Field Day	6	308	26	334
i. Mustrd	21.2.24	100	5	105
ii. Lentil	5.4.24	37	4	41
iii. Wheat	28.3.24	35	4	39
iv. Wheat	23.3.24	28	4	32
v. Wheat	4.4.24	43	4	47
vi. Paddy (DSR)	20.9.24	65	5	70
Group discussions	13	386	23	409
i. Natural farming	9.1.24	86	2	88
ii. NANO urea (Khudda)	29.1.24	15	2	17
iii. Millets	14.1.24	25	2	27
iv. Poultry (CPDO)	4.1.24	29	1	30
v. Natural farming	21.2.24	26	2	28
vi. DFI	24-26 April,24	82	2	84
vii. Crop performance during Rabi 2024	19.4.24	10	2	12
viii. Interaction : DFI	11.5.24	27	4	31
ix. Waste to wealth management (Hamidpur)	29.5.24	20	1	21
x. Piggery (SCSP)	10.5.24	20	1	21
xi. Poultry (Kherki) Poultry	10.5.24	23	1	24
xii. Mission Life (Nagla and Khudda)	20 May-5 June,24	13	2	15
xiii. Weed management	30.7.24	10	1	11
Kisan Gosthi	6	435	25	460
i. Water Management (Dinarpur)	6.1.24	40	5	45
ii. SCSP Scheme ((KVK)	29.1.24	90	5	95
iii. Sugarcane (Jeolly)	27.2.24	40	2	42
v. Lentil (Khedki)	18.4.24	25	3	28
vi. Kisan Samman Nidhri	18.6..24	195	5	200
vii. Kharif Gosthi	16.7.24	45	5	50
Film Show	6	75	6	83
Self -help groups	0	0	0	0
Kisan Mela	3	0	0	0
Exhibition	4	302	12	313
i. Exhibition/Competition (KVK)	8.3.24	102	3	104
ii. Exhibition: 10 stall (Progressive farmers)	10.5.24	30	5	35
iii. Nutri thali (Saha)	24.9.24	20	2	22
iv. Global Soil Conference-2024 (New Delhi)	19-21 Nov.24	150	2	152
Scientists' visit to farmers field	619	10186	7	10193
Plant/animal health camps	1	102	5	107
i. Govt. Veterinary Hospital, Khedki	8.12.24	102	5	107
Farm Science Club	0	0	0	0
Ex-trainees Sammelan	0	0	0	0
Farmers' seminar/workshop	1			
DSR (Goli) 12.4.24	1	142	4	145
Method Demonstrations	17	4407	23	4430
I. Pearl millet chakli	23.1.24	20	1	21

II.	Chickpea & Lentil snacks	29.1.24	20	1	21
III.	Drone	1-31 Jan.24	3919	1	3920
IV.	Black grapes jam	28.3.24	45	1	46
V.	Mix vegetable	30.3.24	45	1	46
VI.	Dhanamrit making	8.3.24	40	2	42
VII.	Ghanjivamrit	8.3.24	40	2	42
VIII.	DSR	21.5.24	8	1	9
IX.	DSR at KVK	21.5.24	4	1	5
X.	Rakhi Making	19.7.24	19	1	20
XI.	Imly candy & Mozzarella cheese (9-8 & 14-8-24)	8-14 Aug.24	20	1	21
XII.	Parthenium removal for using in composting	17.8.24	23	2	25
XIII.	Decomposer (Paplotha, Rajauli	20.10.24	25	1	26
XIV.	Candle making	15.9.24	18	2	20
XV.	Cake making	16.10.24	21	2	23
XVI.	Crop Residue Management	4-15 Nov.24	120	2	122
XVII.	Snow man & Teddy bag	2.12.24	20	1	21
Celebration of important days		5	203	26	229
i.	Republic Day 26.1.24	26.1.24	18	10	28
ii.	International Women day (8.3.24)	8.3.24	102	3	105
iii.	World Environment Day (KVK)	5.6.24	39	4	43
iv.	96 th ICAR Foundation and Technology Day-2024	16.7.24	44	7	51
v.	Independence Day (KVK)	15.8.24	0	2	2
Special day celebration		3	771	24	795
i.	Parthenium week (16-22 Aug.2024) KVK & Villages	16-22 Aug. 24	54	4	58
ii.	Nutrition Month	1-30 Sep. 24	198	4	202
iii.	Swachhta Campaign	15 Sept. to 2 Oct. 24	519	16	535
Exposure visits		13	186	15	191
i.	CPDO, Chandigarh	5.1.24	15	1	16
ii.	DMR Solan	21.3.24	19	4	23
iii.	IARI, Karnal & Indo Israel Project (Centre of Veg. Gharaunda	21.3.24	17	1	18
iv.	DSR (Goli)	10.4.24	20	1	21
iv.	DMR, Solan	10.9.24	19	1	20
v.	CPDO, Chandigarh	20.9.24	25	1	26
vi.	CSSRI, Karnal (National Dialogue)	26.10.24	1	3	4
vii.	Bansal Bakery Mullana	10-14 Nov.24	20	1	21
viii.	NIFTEM, Kundli, Sonipat	18.10.24	20	1	21
ix.	NDRI, Karnal	25.7.24	30	1	31
Health Camp		2	106	7	113
i.	KVK	4.6.24	86	5	91
ii.	Govt. Hospital Tepla	27.9.24	20	2	22
T.V. Talk		3	0	3	3
i.	Natural Farming (DD News)	1.1.24	0	1	1
ii.	Dairy farming : Doordarshan, Hisar & Survy Samachar, Khabar Fast Haryana	27.2.24	0	1	1
iii.	Production technology of Chilli (Doordarshan)	29.3.24	0	1	1
Others (pl. specify)					
Farmers visited to KVK		150	6106	27	6133
Awareness Camps/ Campaign		15	2049	86	2135
i.	Natural farming (KVK)	25.10.24	106	5	111
ii.	Natural farming (Dukheri)	2.1.24	23	2	25
iii.	Natural farming (KVK)	21.2.24	100	5	105
iv.	Awareness Natural farming (KVK)	25.10.24	106	5	111

v.	Natural farming (KVK)	26.1.24	48	5	53
vi.	Mission life (KVK)	20.5.24	10	5	15
vii.	Millets (KVK)	16-3-24	208	5	213
viii.	SCSP Scheme (Talrehri)	21-9-24	102	2	104
ix.	SCSP Scheme (Ghel)	27-3-24	160	2	162
x.	SCSP Scheme (Jangu Majra)	29-5-24	44	3	47
xi.	SCSP Scheme (Hamidpur)	22-7-24	74	2	76
xii.	SCSP Scheme (Ahmadpur)	19-10-24	108	4	112
xiii.	District level Awareness Camp (KVK)	30-11-24	150	5	155
xiv.	Block level Awareness camp (Saha)	27-09-24	40	5	45
xv.	Village level Awareness CRM (Kot kachua)	20-9-24	50	2	52
xvi.	Village level Awareness on CRM (KVK)	27-8-24	20	5	25
xvii.	Village level Awareness on CRM (Paplotha)	11-11-24	56	2	58
xviii.	Village level Awareness on CRM (Sabga)	25-9-24	81	2	83
xix.	Awareness on CRM	6-11-24	80	2	82
xx.	School level Awareness on CRM	8-11-24	25	2	27
xxi.	School level Awareness on CRM	12-11-24	58	2	60
xxii.	School level Awareness on CRM	12-11-24	100	2	102
xxiii.	School level Awareness on CRM	24-02-24	100	2	102
xxiv.	College level Awareness on CRM	13-11-24	100	5	105
xxv.	College level Awareness on CRM	18-12-24	100	5	105
Lectures delivered (VBSY & Other programmes)		76	40454	6	40460
Viksit Bharat Sanklap Yatra		1.1.24 to 15.1.24	3720	4	3720
RAWE		17-21 Sep.24	16	6	22
Survey		10	468	6	474
i.	Krishi Mapper Survey (Mustard) Jawahargarh	17.1.24	10	1	11
ii.	CFLD : Mustard	Sep-Oct.24	371	2	375
iii.	SCSP : Lentil & Chickpea				
iv.	Wheat				
v.	PRA (Bihta, Khedki, Handikhera, Magarpura)		56	1	57
vi.	Rainfall impact		31	2	33
Active Fire Location (AFL) Department of Agriculture		1	200	5	205
AFL		10-30 Oct.24	200	5	205
Total		335	82903	351	83241

Details of other extension programmes

Particulars	Number
Electronic Media (CD/DVD)	23
i. DFI (15 Farmers)	
ii. Swachhta, Piggery, Dairy, Natural farming etc. (8)	
Extension Literature /Extension Bulletin	2
i. Suar palan ki vagyanik paddti (Hindi) October, 24	
ii. Murgi palan vagyanik paddti (Hindi) Dec.24	
News paper coverage	31
Crop Residue Management (Jan.24)	
Crop Residue Management	
Dairy training (Feb. 24)	
Krishi Vigyan Kendra, Tepla ambala me anusuchit jati upyojna ke antrgat community silai centro ki sthapna (Aaj Saman) 30 March, 2024 (Aaj Samaj)	
Awareness on DSR SAWANA	
Stitching Center	
Kisan Samman Nidhi 19.06.2024	
Vyavsayik suar palan par 21 divsiya prashikshan sampan (aaj samaj 19.9.24)	
Vyavsayik suar palan par 21 din ka prashikshan samapan (amabal coverage 19.9.24)	
Krishi vigyan Kendra ambala dwara rastriya poshan maah ka aayojan (aaj samaj 20.9.24)	
Dhaan ki sidhi bijai ke labh v kharpatwar prabandhan ke sikhaye gur (Dainik jaran 21.9.24)	
Ke vi ke dawara prashetr diwas manaya gya (Dainik Bhaskar (22.9.24)	
Ke vi ke ne swacchta hi seva ke antrgat cecil convent school ambala chawni me karyakarm ka kiya aayojan (ambala coverage) 25.9.24)	
Vayu pradushan ke bare me kiya jagruk (Amar Ujala) 26.9.24)	
Ke vi ke ne swacchta hi seva ke antrgat cecil convent school ambala chawni me karyakarm ka kiya aayojan (Aaj Samaj) 26.9.24	
Ke vi ke ambala me gamin mahilayo aur aanganwadi karyakartao ke liye prashikshan karyakaram aayojit (Aaj Samaj) 27.9.24	
Krishi vigyan Kendra ne prasar karyakartao ke liye prashikshan karyakaram ka aayojan (Ambala coverage) 27.9.24	
Grih vatika dwara gharelu surksha ko kar sanrakshit (Dainik Jagran) 28.9.24	
Krishi vigyan Kendra, tepla ambala dwara murgi palan Vishay par 11 divsiya prashikshan (Krishak Aaradhna) 23-29 Sep.2024)	
Mahilao ko diya bakri utpado ka prashikshan (Ambala coverage) 20-10-24	
Krishi Vigyan Kendra Ambala ke netartv me mahilayo ko diya vishesh prashikshan (21-10-24) Ambala coverage	
Krishi Vigyan kinder me zila satriya jagrukta karyakaram ka aayojan (22-10-24) Ambala coverage	
Mahilao ko diya Bakery utpado ka prashikshan (20.10.24) Amar ujala	
Krishi vigyan kendra ne kiya fasal avshesh prabandhan ke liye jagruk (Punjab Kesri) 13-11-2024	
Sant Maohan	
Singh Khalsa Labana mahila college barara me fasal avshesh pranbandhan hetu jagrukta karyakaram sampan (18-24 Nov.24) Krishak aaradhna	
Vidhyarthio ko padhaya fasal aveshesh prabandhan ka path (Amar ujala) 16-11-24	
Krishi agendo par diye vagyaniko ne sujhav (Amar ujala) 21.12.24	
Krishi vigyan Kendra tepla me vagyanik salahkar samiti ki baithak aayojit (Pnjab kesri (21-12-24)	
Krishi vigyan Kendra tepla me vagyanik salahkar samiti ki baithak aayojit (AAj Samaj (20-12-24)	
Krishi ke kshetre me mahilao ki bhumika bhi purusho se kam nhi : Dr. Upasana Singh (CRM) Punjab Kesri 19.12.24	
xxxi.KVK tepla ambala dwara gaon khedki me anusuchit janjati ke antrgat pashu swasthya shivir ka aayojan (Krishak aaradhna)	
Popular articles	0
Radio Talks	0
TV Talks	3
Animal health camps (Number of animals treated)	107
Total	156

Name of KVK	Message Type	Type of Messages						Total
		Crop	Livestock	Weather	Marke-ting	Aware-ness	Other enterprise	
Ambala	Text only	1	0	0	0	16	2	19
	Voice only	0	0	0	0	0	0	0
	Voice & Text both	0	0	0	0	0	0	0
	Total Messages	1	0	0	0	16	2	19
	Total farmers							63238

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
Technology Day 16-7-2024	Gosthies	1	44	Rabi crops
	Lectures organised			
	Exhibition	1	244	
	Film show			
	Fair			
	Farm Visit			
	Diagnostic Practicals			
	Distribution of Literature (No.)			
	Distribution of Seed (q)			
	Distribution of Planting materials (No.)			
	Bio Product distribution (Kg)			
	Bio Fertilizers (q)			
	Distribution of fingerlings			
	Distribution of Livestock specimen (No.)			
	Total number of farmers visited the technology week	2	288	



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	--	24.70	83363.00	21
		DBW-332	--	11.54	38948.00	9
		PBW-826	--	18.80	63450.00	16
	Paddy	PR-126	--	7.87	39350.00	50
		PB-1692	--	7.25	58000.00	21
		PB-1718	--	2.99	26910.00	14
Total				73.15	310021.00	131

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
Fruits						
	Mango	Amarpali	--	3	450.00	1
		Malika	--	2	300.00	
	Lemon	Baramasi	--	4	320.00	3
Forest Species						
	Poplar	G-48	--	3487	55792.00	5
Total				3496	56862.00	9

Production of Bio-Products

Bio Products	Name of the bio-product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Bio Fertilisers	Vermi compost	3300	16500.00	1
Total		3300	16500.00	1

Others :

	Name of product	Quantity	Value (Rs.)	No. of Farmers
		Kg		
Mushroom	Button Mushroom	89.750	8975.00	23
Total				

Table: Production of livestock materials

Particulars of Live stock	Name of the breed	Number	Value (Rs.)	No. of Farmers
Dairy animals				
Cows	Gir, Sahiwal	8	0	0
	Cow milk	9457 lit.	425565.00	15
	Cow Ghee	16.200 kg.	35640.00	4
Poultry				
Layers	Chabron	517	82720	27
Piggery				
Piglet	Large White Yorkshire	92	414000.00	14
Total		609	957925.00	56

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	110	110	17	--	40
Water	--	--	--	--	--
Plant	90	90	15	--	--
Total	200	200	32	--	--

VIII. SCIENTIFIC ADVISORY COMMITTEE

Name of KVK	Date of SAC Meeting	Participants
Ambala	10-05-2024	27
	20-12-2024	31

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

Category	Number
Research Paper	--
Technical bulletins	--
Technical reports	31
1. Monthly Progress Report (Jan-Dec.24) 2. Quarterly Progress Report (4) 3. Annual Progress Report 4. CRM 5. DAMU 6. FPO 7. CRM 8. Drone 9. Natural farming 10. DAMU (Adopted & Non adopted farmers) 11. CRM Economic Report 12. CFLD format (three years) 13. Agro-advisories to the registered farmers through SMS 14. Weekly report (CRM) 15. Quarterly SAP 16. Fortnightly Natural farming 17. Current status of DSR Report 18. NARI Health Data (8.4.24) 19. DFI 20. CFLD (Lentil) 21. CFLD (Mustard) 22. SCSP (Action Plan)	

Category	Number
23. Bayer DSR Report 24. 100 days reporting 25. Release of 109 varieties 26. Ek ped maa ke naam 27. DAMU 28. Swachhta Campaign 29. Area under Rice & wheat in burning free village and amount of residue generated 30. ARYA 31. SCSP	
Others (pl. specify)	
Extension literature /Extension Bulletin : i. Suar palan ki vagyanik paddti (Hindi) October, 24 ii. Murgi palanvagyanik paddti (Hindi) Dec.24	2
Posters : i. Mushroom Plan, Saran ii. Nursery Management, Sarakpur iii.Success of Pig Unit, Ratanheri iv.KVK Initiatives on In-situ CRM : Pathway for profitable Rice-Wheat Cropping System in Ambala v.Success of Organic/Natural Farmers vi.Inclusion of Pulses provides sustainable livelihood to small farmers	6

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

Activities conducted				
No. of Training programmes	No. of Demonstrations	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		
Pulses		
Cereals		
Vegetable crops		
Tuber crops		
Total		

Farmers-scientists interaction on livestock management

Livestock components	Number of interactions	No.of participants
1 Rainfall	1	15
Total	1	15

Animal health camps organised

Number of camps	No.of animals	No.of farmers
1	67	112
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
Crop Residue Management	200	200
Total		

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
14	805	2	82	1	48	0	0	1	25	0	0
Total											

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
Training on Krishi Mapper on Natural Farming organized by Ministry of Agricultural on 19-1-2024 : Dr. Rajendra Kumar Singh	1	1	1
ATARI-KVK Interface Meet 2024# 1" with the ATARIs & KVKs of Zone I (Ludhiana), II (Jodhpur) and III (Kanpur) organized by ICAR-IVRI, Izatnagar as a part of the National Campaign on "Advances in Animal Health and Production" on occasion of Nationwide celebrations of "Azadi Ka Amrut Mahotsav 25.1.2024 : Dr. Upasana & Dr. Rajan Mishra)	1	2	1
Meeting for Financial related issues at 04.00 PM (25.01.2024) ATARI attended : Dr. Upasana Singh, Dr VD Singh, Sh. Yogesh Kumar	1	3	1
Annual Workshop of ARYA organized during February 22-23, 2024 at Gaya (Bihar) (Dr. Rajan Mishra)	1	1	1
Annual Action Plan Workshop of Delhi & Haryana is scheduled on February 5 & 6, 2024 at CCSHAU, Hisar (Dr. V.D.Singh & Dr. Rajendra Kr Singh)	1	2	1
Meeting with ATARI at Jodhpur on Annual Action Plan on 23-2-2024 (Dr.Amit Kumar)	1	1	1
Participation and presentation of Budget utilization and discussion on Annual Progress Report-2023 (12 March, 2024) : Dr. Upasana Singh	1	1	1
Natural farming meeting (5-2-24) :Dr. Upasana & Dr. V.D.Singh	1	2	1
Master Trainer Training & Exposure visit on Natural Farming held at SAMETi, Mashobra, Shimla under MANAGE, Hyderabad (18-22 March, 2024 : Dr. Ramesh Kumar	1	1	1

Online meeting with ICAR & BYER (11.3.24) : Dr. Upasana Singh & Dr. Rajendra Kumar Singh	1	2	1
International Workshop at Udaipur and oral presentation on topic Natural Farming : A sustainable livelihood for farming community during 11 th National Seminar on 5-7 March, 2024 : Dr. Rajendra Kumar Singh	1	1	1
Meeting for Review of FPO Project on 25.04.2024 organised by ATARI, Jodhpur.: Dr. Amit Kumar	1	1	1
Meeting on status of celebration of 50 years of KVK (22.4.24): Dr. V.D.Singh	1	1	1
DFI (19.4.24): Dr. V.D.Singh & Dr.Ramesh	1	2	1
Launching workshop on 30.4.24 at NDRI, Karnal Byaer : Dr. Upasana Singh & Er. Guru Prem	1	2	1
Technical Programme of Planning Workshop on 'Crop Residue Management: KVK Initiatives and Way Forward' on April 26, 2024 at ICAR-ATARI, Ludhiana : Er. Guru Prem	1	1	1
Interface meeting on CFLD at Krishi Mapper 15.5.2024 : Dr. Vikram Dharendra Singh	1	1	1
Online Commodity Presentation Meeting of Animal Science on 10 th June, 2024 : Dr. Rajan Mishra	1	1	1
Review meeting of CFLDs on Pulses and Oilseeds on 24.5.2024 : Dr. Ramesh Kumar & Dr. Rajendra Singh	1	2	1
Online meeting Regarding conduction of DSR demonstrations May 13, 2024: Dr. Upasana Singh	1	1	1
Review of revisiting DFI farmers on KVK Golden Jubilee. May 8, 2024 : Dr. Upasana Singh & Dr. Ramesh Kumar	1	2	1
Online National Webinar on FMD Awareness Control and Management of Outbreaks on 11 th June, 2024: Dr. Rajan Mishra	1	1	1
Online Discussion Meeting of SCSP Action Plan 2024-25 on 24 th June, 2024 organized by ICAR-ATARI, Zone-II, Jodhpur : KVK Team	1	5	1
Participating Capacity Building Programme for SMSs (Animal Science) of KVKs on 27-28 th June, 2024 at ICAR-ATARI, Zone-II, Jodhpur : Dr. Rajan Mishra	1	1	1
Attended Online Meeting on 100 Days Targets of Natural Farming on 08.07.2024 : Dr. Rajendra Kumar Singh	1	1	1
Workshop on Science of Natural Farming at Lucknow on 19.07.2024 : Dr. Rajendra Kumar Singh	1	1	1
Meeting with ATARI on 27.8.24 on 100 days target : KVK Team	1	5	1
Training received CERA MANAGE National Level Collaborative Virtual Training entitled "Decarburizing Agriculture and Climate-smart approaches for future sustainable farming' from 12 to 14 august, 2024 : Er. Guru Prem & Dr. Rajendra Kr. Singh	1	2	1
10 Days Online Entrepreneurship Orientation Program in Medicinal and Aromatic Plants-9 (EOPMAP-9). In the domain of "Medicinal and Aromatic Plants" attended : Dr. Amit Kumar	1	1	1
Virtual meeting APEDA fro farmers linkage poral (23.9.24) : Dr. Amit Kumar	1	1	1
Annual workshop of KVKs at CCSHAU,Hisar on 10-12 Sept.2024 : Dr. Upasana Singh	1	1	1

Zoom meeting on CRM (18.10.24) : Dr. Upasana & Er. Guru Prem	1	e	1
Approaches and methodologies on social ecological sciences in achieving SDGs and aim of Vikshit Bharat (5-11-2024) by ATARI, Jodhpur : Dr. Upasana Singh	1	1	1
Online Monthly Action Plan Meeting with Director ATARI Jodhpur (11-11-2024) :KVK Team	1	5	1
Online meeting for Oilseeds Project (CFLD & Model Village)Nov 25, 2024 : Dr. Upasana Singh & Dr. Rajendra Singh	1	2	1
Indian Society of Soil Science (ISSS) is organized Global Soil Conference on “Caring Soils Beyond Food Security-Climate Change Mitigation & Ecosystem Services” under the aegis of International Union of Soil Sciences in collaboration with Indian Council of Agricultural Research (ICAR) and National Academy of Agricultural Sciences (NAAS) 19-22 November 2024 at National Agricultural Science Centre (NASC) Complex, New Delhi : Dr. Upasana Singh & Dr. Rajendra Singh	1	2	1

XIV. CASE STUDIES

Abstract:

Total of 15 training programs (11 on and 02 off) covering many facts of commercial pig farming, including breeding, housing, swine products, by-products, disease prevention and management, and marketing management, were organized between 2020 and 2024. During the five years of pig farming demonstration experience. It was discovered that this method produces high-quality protein and various minerals with few inputs, particularly for malnourished and growing youngsters. In addition to giving rural residents direct or indirect jobs, the swine business is a vital source of supplemental revenue for many marginal and landless farmers. Pigs, often known as salvagers or scavengers, transform waste materials into high-quality nutrients that humans cannot use. Additionally, it offers nutritional security, particularly to the impoverished in rural areas. The major constraints perceived by pig farmers in adaptation of piggery farming in these areas.

Key words: FLDs, Pig farming, constraints, salvagers, scavengers, benefit cost ratio

Introduction:

The swine industry holds significant potential and opportunities due to its remarkable characteristics, including high fecundity (the capacity to generate a greater number of ova, whether or not they are fertilized), prolificacy (the ability to yield a larger number of live

offspring in a single farrowing), a short generation interval, rapid weight gain, superior feed conversion efficiency, and an excellent dressing percentage in comparison to other livestock. The Indian Council of Medical Research (ICMR) suggests a meat consumption level of 34 grams per person per day, yet the average availability of animal protein per capita in India is merely 12.6 grams per person per day. There exists a significant disparity between the demand and the supply of animal protein, largely due to the partial ban on cattle slaughter in several states. The rising need for animal protein in light of our expanding population cannot solely be satisfied by ruminants, which are characterized by a relatively slow weight gain and longer generation intervals. In this scenario, pig farming presents a considerable opportunity to provide protein-rich food for millions of Indians.

Among livestock, pigs are the only animals raised specifically for meat, fitting seamlessly into mixed farming systems and complementing intensive crop production operations. Their remarkable capacity to effectively transform swill (leftover food), tankage (slaughter waste), and agricultural by-products into high-quality animal protein and other essential nutrients makes them the preferred choice for profitable livestock enterprises and for combating malnutrition among those living below the poverty line. Additionally, pig farming offers valuable opportunities for the unemployed rural population. As a result, pig farming has established a strong presence in the northern and northeastern states and is gaining popularity in many southern regions of the country.

Forage feeding involves allowing pigs to eat natural vegetation like grasses, herbs, roots, and shrubs found in pastures or forests. This method serves as an alternative to the conventional grain-based diets typically provided to pigs in commercial farming operations. By adopting this approach, it encourages more natural feeding habits and can deliver various advantages for both the pigs and the ecosystem. The integration of forage into a pig's diet is especially common in systems that prioritize animal welfare, sustainability, and a reduction in reliance on commercial feed sources. It can be incorporated into rotational grazing systems, where pigs have the opportunity to wander and forage in various areas of pasture, allowing the land to recover while providing nutrient-dense forage for the animals.

White beet (commonly known as sugar beet or fodder beet when utilized for livestock feed) is a type of root vegetable that is occasionally used as either a supplement or a primary feed source for pigs. Its high nutritional value, particularly in energy, makes it an effective choice for pig diets, especially in areas where sugar beet is cultivated or available in excess. Sugar beets are usually cultivated for their sugar content, but their root also has substantial nutritional benefits for livestock when used as a forage or supplemental feed.

Material and Methods:

The current study was carried out between 2020 to 2024 in the Ambala district of Haryana. From ten villages in the Sehzaadpur, Ambala-II and Naraingarh blocks of the Ambala district, Pasiyala, Sabka, Panjel, Rathnedhi, Dehar, Tepla, Bihta, Samledhi, Nahoni, and Fatehpur. Small, marginal, and landless farmers were chosen at random to be interviewed. Data and information were gathered using a field visit approach. Training programs on many facts of pig farming were organized prior to the FLD and OFF campus in order to educate farmers, particularly young people from rural areas. A dual-purpose breed was chosen for the study during the FLD on Large White Yorkshire (LYK) transition from traditional to commercial pig husbandry. Prior to the selection of skilled farmers, interested farmers and rural youth from rural areas received the appropriate training. Then, only farmers who had created their own shelter and pig stall were given vaccinated, healthy piglets up to 2.5 to 3 months old. In addition to offering medical care and technological assistance, KVK specialists frequently monitored the animals performance and provide FAS them at the farmers unit. All of the healthy animals received vaccinations from specialists. Similarly, brucellosis, FMD and swine flu etc. During the year 2019 – 2024 altogether 13 trainings (11 on and 02 Off) programs on different aspects of Pig farming such as housing, feeding, breeding, health care management and preventive measures, swine marketing management were organized. The data of the cost and returns aspects of pig farming were collected through pretested structured interview schedule. The benefit cost ratio calculated for different years by applying the following formula:

$$\text{B. C. Ratio} = \frac{\sum n B_n(1 - r) - n}{\sum n C_n(1 - r) - n}$$

Where B_n represents the net cash inflows during the period n

C_n represents the net cash outflows during the same period and r is social discount rate here bank rate was considered.

Results and Discussions:

It is shown in the table no. 01, that mortality rate was higher in the year 2020. After the appropriate training and regular FAS by specialist at farmers field mortality rate were decreases gradually during successive years.

Table 01: Year wise details of FLD on Pig farming Conducted by KVK, Ambala

Year	No. of Piglets (2.5 to 3.0 months old) distributed	No. of farmers	Mortality percentage (%)
2020	100	50	11.74
2021	128	90	9.21
2022	83	34	8.70
2023	158	36	7.21
2024	160	50	7.14
Total	629	260	

Table 02: Economics of Pig Farming

Year	Enterprise (No. of units)	Breed type	Gross cost (Rs.)	Gross return (Rs.)	Net return (Rs.)	B C R (%)
2020	Piggery (14)	LWY	2,17,890.0	4,42,179.0	2,24,289.0	2.02
2021	Piggery (12)	LWY	2,05,700.0	4,39,166.0	2,33,466.0	2.13
2022	Piggery (14)	LWY	1,99,830.0	4,77,519.0	2,77,689.0	2.38
2023	Piggery (11)	LWY	2,01,000.0	5,20,903.0	3,19,903.0	2.59
2024	Piggery (17)	LWY	1,99,880.0	5,67,865.0	3,67,985.0	2.84

It was shown in table no 02, after improvements in technical knowledge and proper guidance by the specialist to the pig farmers for rearing of Large White Yorkshire breed showing better performance and maximizes net return and minimized gross cost as compared to traditional breed. The gross cost were higher in year 2020 (Rs. 2, 17,890.0) and lowered in year 2024 (1, 99,880.0) gradually reduces due to better management, quality feed, timely vaccination, preventing anemia and lowering feeding cost by addition of conventional feeds sources.

Table 03: Productivity: Average yearly performance of Growing pigs as follows

Particulars	Traditional Practice					KVK Intervention				
	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024	Year 2020	Year 2021	Year 2022	Year 2023	Year 2024
Numbers of Animals	3	4	5	6	5	10	12	16	25	30
Feed consumed/day (Kg.)	0.25	0.3	0.5	0.7	1.0	2.0	2.5	3.0	3.0	3.0
B.W. gain (kg.)	62	66	72	66	70	130	150	120	150	170
Age of Sexual Maturity (months)	12.0	11.0	13.0	12.5	13.0	10.0	9.5	9.2	9.5	8.5
Litter size/ Farrowing	4	3	5	6	4	12	12	14	16	15

It is evident from the above table 03, performance pattern of pig farming bodyviz., weight gain and age of sexual maturity is very encouraging for the farmer due to providing quality feeds and proper management practices to keep animals better performance as well as increasing herd size by the farmers due increasing market demand.

Conclusions:

The investigation showed that small and landless farmers experienced a rise in income after taking up pig farming. Thus, it can be inferred that pig farming represents an excellent opportunity for small and marginal farmers to boost their income through this venture, which requires low input while high output.

Acknowledgement:

I wish to convey my heartfelt thanks to ICAR-ATARI Jodhpur, Jone-II, for their tremendous support, funding, and encouragement throughout the ARYA and SCSP project. Their valuable feedback and expertise have significantly aided in the successful completion of this work. I extend my appreciation to (KVK) KrishiVigyan Kendra, Ambala, for supplying the essential resources and facilities necessary for this study. Special thanks go to my farmers, colleagues, and friends for their collaboration, assistance, and motivation.



Hon'ble Director visited Pig Unit

KVK team visited at Pig unit



KVK Scientist visited at Pig Uni

Advisory Services at Pig unit 30

XIII. STATUS REVOLVING FUNDS

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st January of each year
April 2021 to March, 2022	53,99,387.00	30,39,917.31	90,31,482.62	--
April 2022 to March, 2023	27,75,920.45	33,42,613.28	84,64,789.79	--
April 2023 to March, 2024	35,79,694.10	31,86,695.14	88,57,788.75	--

1. A separate report of Nutri Sensitive Agricultural Resources & Innovation (NARI) including Nutritional Maps must be submitted. (Demonstration on biofertilized, kitchen gardening, Nutri-Thali)

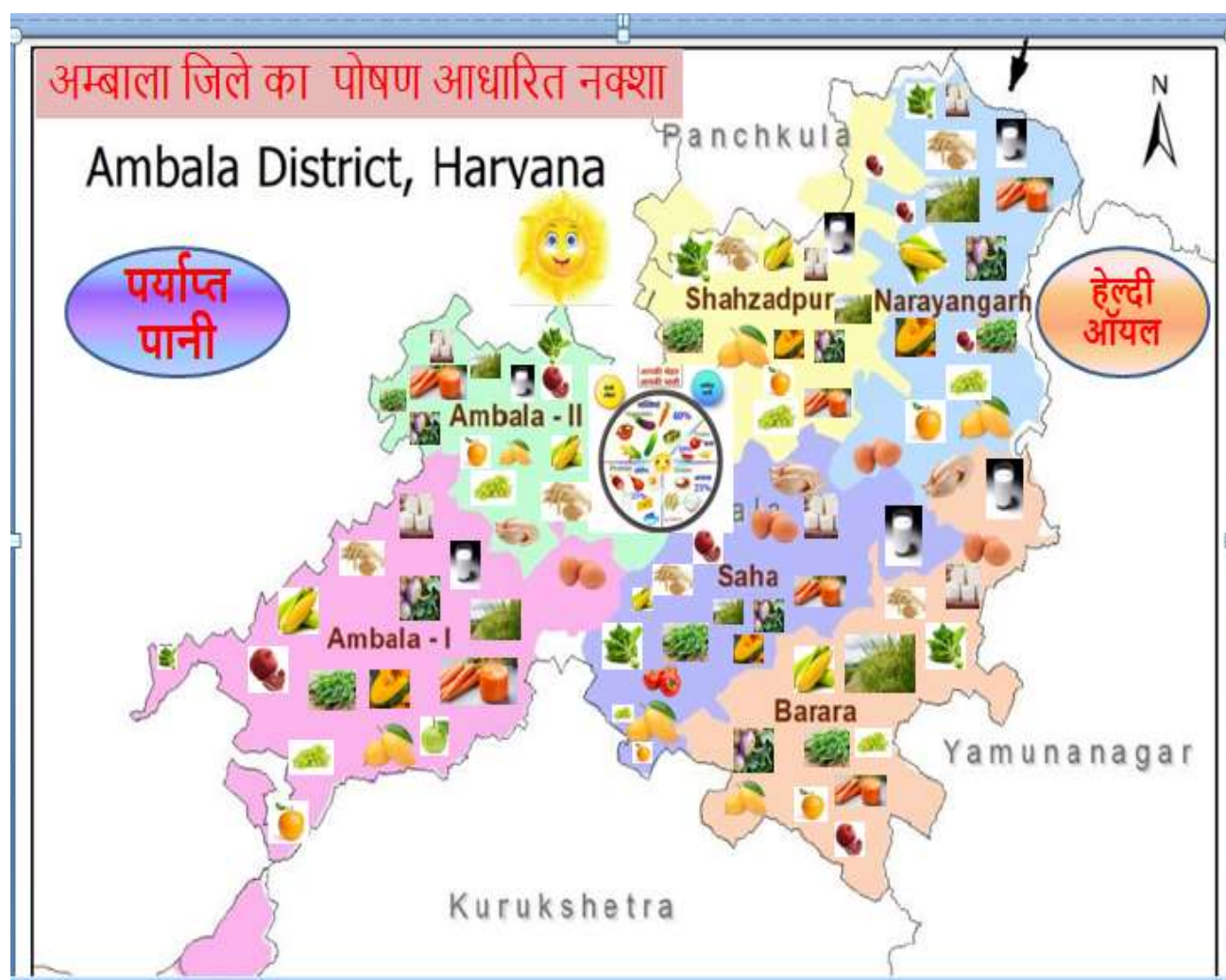
Report of NARI (2024)

Name of Selected Villages:






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



No. of Farm families : 150
Size of Kitchen garden : 50 sq m²

Activities at A Glance



Front Line Demonstrations Lentil Variety LL-1373 : 24 No.	 <p>Latitude: 30.305621 Longitude: 76.929746 Elevation: 277.83+4.63 m Accuracy: 8.47 m Time: 25-10-2024 13:30:06 Note: FLD under SCSP</p>
Chickpea variety PBG: 8 (16)	 <p>Latitude: 30.305629 Longitude: 76.923691 Elevation: 276.80+4.08 m Accuracy: 7.98 m Time: 25-10-2024 13:32:27 Note: FLD under SCSP</p>
Kitchen gardening (150 No.)	 <p>Phalail Majra, Haryana, India WGS-84, Phalail Majra, Haryana 133101, India Lat 30.305276° Long 76.929208° 23/03/24 12:33 PM GMT +05:30</p>
Improved variety of Onion : Bheema Shakti : 13 No.	 <p>Ambala, Haryana, India Saha, Ambala, 133104, Haryana, India Lat 30.305705, Long 76.929390 10/25/2024 01:45 PM GMT +05:30 Note : Captured by GPS Map Camera</p>
iv. Improved variety of Potato : Kufri Pukhraj :15 No.	 <p>Phalail Majra, Haryana, India Unnamed Road, Phalail Majra, Haryana 133101, India Lat 30.305276° Long 76.929208° 09/10/24 01:12 PM GMT +05:30</p>

Trainings:			
15-19 July, 24	Income Generation Activities for Women Empowerment	Akbarpur : 25	 <p>GPS Map Camera Tepla, Haryana, India Unnamed Road, Tepla, Akbarpur, Haryana 133101, India Lat 30.294087° Long 76.920172° 15/07/24 12:33 PM GMT +05:30</p>
29-10-24	Nutritional security through kitchen gardening	KVK : 38	 <p>GPS Map Camera Phulail Majra, Haryana, India Unnamed Road, Phulail Majra, Haryana 133101, India Lat 30.305376° Long 76.920172° 29/10/24 01:56 PM GMT +05:30</p>
30-31 Dec.24	Balanced diet and nutritional deficiency in children	Phulelmajra :20	 <p>GPS Map Camera Sambhalkha, Haryana, India Zwre+mqr, Sambhalkha, Haryana 133101, India Lat 30.291362° Long 76.912626° 30/12/24 03:14 PM GMT +05:30</p>
30-31 July, 24	Leadership Development	KVK :12	
17-29 Jan.24	Value added products of Cereals & Pulses	KVK : 20	 <p>GPS Map Camera Phalail Majra, Haryana, India Unnamed Road, Phalail Majra, Haryana 133101, India Lat 30.305376° Long 76.920172° 29/01/24 12:27 PM GMT +05:30</p>

11-17 Mar.,24	Poultry Production & Management	KVK : 19	
15-25 March, 24	Vermi composting	KVK : 9	
24.07.24 to 13.08.24	Value Addition of Fruit and Vegetables	KVK : 25	
15-24 July 24	Nursery Management	Ahmadpur :25	

7-16 Aug.24	Mushroom Production & Management	KVK :10	 <p>vivo Y100 Phalail Majra, Haryana Aug 12, 2024, 10:46</p>
9-19 Sep.24	Poultry farming	KVK : 13	
8-19 Oct.24	Bakery products	KVK : 20	 <p>GPS Map Camera Phalail Majra, Haryana, India Unnamed Road, Phalail Majra, Haryana 133101, India Lat 30.305288° Long 76.929465° 09/10/24 11:13 AM GMT +05:30</p>
19 Nov. -8 Dec.24	Women empowerment through Art & Craft	KVK : 18	 <p>GPS Map Camera Phalail Majra, Haryana, India 8w4g+g7c, Phalail Majra, Haryana 133101, India Lat 30.306149° Long 76.925594° 29/11/24 11:36 AM GMT +05:30</p>
15.3.24	Nutritional security through Kitchen garden	KVK : 10	 <p>GPS Map Camera Phalail Majra, Haryana, India Unnamed Road, Phalail Majra, Haryana 133101, India Lat 30.305364° Long 76.920712° 16/03/24 12:12 PM GMT +05:30</p>

26-9-24	Nutritional security through Kitchen garden	KVK : 12	 GPS Map Camera Phatali Majra, Haryana, India Unnamed Road, Phatali Majra, Haryana 133101, India Lat 30.305439° Long 76.929679° 26/09/24 11:58 AM GMT +05:30
5-8 Nov.24	Integrated Crop Management on Wheat	KVK :30	 GPS Map Camera 06/11/24 12:00 PM GMT +05:30
9-12 Oct.24	Integrated Crop Management on Potato	KVK :15	 GPS Map Camera Phatali Majra, Haryana, India Unnamed Road, Phatali Majra, Haryana 133101, India Lat 30.30539° Long 76.929187° 09/10/24 01:14 PM GMT +05:30
25-29 Oct.24	Integrated Crop Management on Onion	KVK :13	 GPS Map Camera Ambala, Haryana, India Sohna, Ambala, 133105, Haryana, India Lat 30.305709, Long 76.929394 16/10/24 01:14 PM GMT +05:30 Note : Captured by GPS Map Camera
Method Demonstrations : 10 (245 farm women)			
 GPS Map Camera Phatali Majra, Haryana, India Unnamed Road, Phatali Majra, Haryana 133101, India Lat 30.305439° Long 76.929679° 16/10/24 12:14 PM GMT +05:30		 Shot on OnePlus By RANA	
Cake making		Value addition	



Dhoop making



Rakhi making



Value addition



Black grapes jam



Mango Ice Cream



Nutri Thali







Health Camps

1. 4-6 June, 2024 at KVK











2. 27-09-24 In Govt. Hospital, Tepla



Awareness Programmes: i. Farmers-Scientist Interaction : 31.1.24	 <p>Farmers Scientist interaction</p>
Kisan Gosthi : i. Meeting on Lentil crop : 15 ii. Poultry Farming : 12	<div data-bbox="746 555 1166 936">  <p>Meeting on Lentil crop</p> </div> <div data-bbox="1166 555 1513 936">  <p>Poultry Farming</p> </div>
Lectures	 <p>Lecture delivered on Empowering Women Navigating Government Loan Programs for Small Enterprises</p>
Exhibition/ Competition -Quiz (TAFE Company) on 8.3.24 : 102 - Nutri thali (Saha) 24.9.24 : 20	
Important Days : i. International Women Day (KVK) 8.3.2024 (102) ii. World Environment Day by Tree Plantation (KVK) 05.06.2024 : 29 iii. Nutrition Maah (September,2024)	<div data-bbox="746 1603 1166 1928">  <p>Nutrition Month</p> </div> <div data-bbox="1166 1603 1513 1928">  </div>

		
	World Environment Day by Tree Plantation	International Women Day
Exposure visits		
18.10.24 NIFTEM , Murthal		
10.08.24 DMR, Solan		
20.09.24 CPDO, Chandigarh		
Technical Support by KVK Team : FAS , Knowledge & Skill Upgradation		

	<p>Farm Advisory Services</p>  
<p>Linkages :</p> <ol style="list-style-type: none"> 1.CPDO, Chandigarh 2.CDPO, Ambala 3. NIFTEM 4. IIWBR, Karnal 5. Health Department, Ambala ,Samlehri, Tepla 	<p>Advisory at Kitchen garden</p>  <p>Advisory at Poultry unit</p>  <p>IIWBR, Karnal</p>  <p>CPDO, Chandigarh</p>  <p>Health Department</p> <p>CDPO, Saha</p>
<p>Details of Plants/Samplings/Kitchen garden kits</p> <p>I. Kitchen Garden Kit (150)</p> <p>II. Potato & Onion Seed</p>	
<p>Unit established</p> 	
<p>Stitching Centre in Akbarpur & Phulelmajra villages</p>	<p>Mushroom unit (50 bags) Mrs. Geeta Phulelmajra</p>

	
Poultry Unit (20 birds each)	Kitchen garden units
Impact	Kitchen garden - 100% skill adoption - Family Income saving– 80% (Rs. 4200-5200/ year unit size 50 sq m ²)
Whatsapp Group formation for knowledge updates	5
News	

Success story on Nutrition Garden

- Title – Success story on kitchen garden
- Details of beneficiary
 - Name – Baljinder kaur
 - Age -43
 - Education -10
 - land holding – 1 acre
 - size of family – o4
 - Address – Ahemedpur Shehzadpur, Distt – Ambala 134202
- Size of nutrition garden (sqm) -100 sqm
- Crops grown in nutrition garden
 - Kharif: Spinach ,cucumber , ladyfinger ,bottlegourd,brinjal,bittergourd ,Tomato, chilli ,pumpkin ,raddish .
 - Rabi: Spinach ,fenugreek leaf ,coriander ,raddish ,tomato ,brinjal, chilli ,cauliflower ,onion ,garlic , potato .
 - Summer: Spinach ,cucumber ,ladyfinger ,bottlegourd ,brinjal ,bittergourd tomato ,chilli ,pumpkin ,radish .
- Growing condition (conventional/organic/natural farming) – Organic farming
- Production and consumption of nutrition garden crops

S.No.	Name of crops	Varieties	Area grown (sqm)	Production (kg)	Consumption (kg)	Sell of produce (kg)	Income from sell of produce (Kg)
1	Bottlegourd		3	30	15	15	225

2	Ridge gourd		3	30	20	10	225
3	Lady finger		4	32	25	7	210
4	Tomato		3	30	20	10	300
6	Bittergourd		3	18	18	0	0
7	Cucumber		3	21	10	11	110
8	Brinjal		3	40	25	15	225
9	Chilli		3	25	25	0	0
10	mustard		3	25	10	15	150
11	Coriander		2	15	5	10	80
12	Cauliflower		2	22	10	12	360
13	Onion		4	40	40	0	0
14	Raddish		4	40	30	10	200
15	Garlic		4	37	20	17	510
16	cabbage		3	25	15	10	300
17	Potato		3	30	30	0	0
18	pea		3	18	18	0	0
19	fenugreek		2	15	10	5	50

Total production of rabi+zaid and kharif crops =493 kg

Total income =2,945




- Success point - Baljinder's success story exemplifies the positive outcomes of effective kitchen gardening initiatives. Through diligent efforts, Baljinder managed to cultivate and sell a variety of in-demand vegetables such as garlic, tomato, cauliflower, and cabbage. This endeavor yielded a total production of 493 units, resulting in a significant income of 2945 rupees. By strategically selling surplus produce and creatively utilizing homegrown vegetables to produce pickles and sauces, Baljinder not only enhanced his financial standing but also demonstrated the practicality and profitability of kitchen gardening. Her achievements underscore the importance of promoting such sustainable practices within the community, showcasing how small-scale agriculture can contribute to household income and food security.
- Feedback - Baljinder's experience with the seed kit provided by Punjab Agriculture University was mixed. While he appreciated the support and initiative behind the seed kit, he found some aspects of it unsatisfactory. Specifically, he felt that the performance or quality of the seeds may not have met his expectations or needs fully

Good quality photographs






2. Various National Programmes organized during 2024

I. Important Days

Name		
i. International Women Day (KVK) 8.3.2024 (102)		
ii. World Environment Day by Tree Plantation (KVK) 05.06.2024 : 29		
iii. Nutrition Maah (September,2024)		
	Nutrition Month (Sep.24)	
	World Environment Day by Tree Plantation	International Women Day

II. Swacchta Campaign (15 Sep-2 Oct.24)

Dated	Name of activity	Place	No. of KVK Official involved	No. of farmers/ farm women	No. of School Children	Photographs
17.9.24	Pledge by KVK Staff	KVK Campus	16	0	0	
18.9.24	Ek ped maa ke naam	KVK campus	16	4	0	

Dated	Name of activity	Place	No. of KVK Official involved	No. of farmers/ farm women	No. of School Children	Photographs
19.9.24	Swachta Samvad : Awareness programme on Swabhav swachhta - Sanskar swachta	Govt School, Tepla	4	10	125	
20.9.2024	Waste to Art	Akbarpur	1	16	0	
21.9.24	Human Chain: Farmers join hands to raise awareness on Swachhta (No burning of crop residues, Pollution free environment etc.)	Tepla	7	31	0	
22/9/24	Cleanliness drive	PACS, Rajouli	2	44	0	

Dated	Name of activity	Place	No. of KVK Official involved	No. of farmers/ farm women	No. of School Children	Photographs
23/9/25	Cleaning of sorrowing the temple	Tepla	15	0	0	
24/9/24	Identification of black spots	Govt. School, Phulelmajra	2	0	0	
25/9/24	Awareness on Swachhta Hi Seva & Crop Residue Management and Poster Competition under Best Innovation under SBM	Cecil Convent School, Ambala Cantt	6	0	56	
26/9/24	Awareness on nutritive diet and health check up	KVK campus	2	25	0	
27.9.24	Health Camp	Govt. Hospital, Tepla & Village Sabga	03	36	0	

Dated	Name of activity	Place	No. of KVK Official involved	No. of farmers/ farm women	No. of School Children	Photographs
28.9.24	Celebration of World Maritime day & Distribution of PPE Kits & safety gear	KVK campus & Ambala Cantt	7	34	0	
29.9.24	Awareness on Social Welfare Schemes	General Post Office Ambala Cantt	3	16	0	
30.9.24	Cleanliness drives in religious places	KVK campus	10	3	0	
1.10.24	Cleanliness drive in Farm Machinery Shed	KVK Campus	2	16	0	
2.10.24	Cleaning of KVK Hostel and surrounding	KVK Campus	5	5	0	

III. Projects

I. SCSP Scheme :

1. Training

Date	Title	Duration (days)	Participants	Photographs
25-29 Oct. 24	Integrated Crop Management in Onion	4	20	
9-12 Oct. 24	Integrated Crop Management in Potato	4	21	
3-6 Nov.24	Integrated Crop Management in Wheat	1	25	
15-24 July, 24	Nursery Management	10	25	
07-16 August, 24	Mushroom Production & Management	10	25	

04-24 August, 24	Pig Production & Management	21	33	
9-19 Sept, 24	Poultry farming	11	25	
8-19 Oct, 24	Bakery Products	12	20	
18-11-24	Fertilizer application in Wheat	1	30	
15-25 March, 2024	Vermi compost	11	20	

2. Front Line Demonstrations

Dated	Crops/Enterprises	Area	Participants	Photographs
15-3-24	Kitchen garden		100	
9-10-24	Improved variety of Potato :Kufri Pukhraj	4	20	
25-10-24	Improved variety of Onion : Bhima Shakti	8	30	
25-10-24	Improved variety of Chickpea variety : PBG:8	4	16	
25-10-24	Improved variety of Lentil LL-1373	4	24	
28-10-24	Wheat variety DBW-327	12	30	
18-11-24	Fertilizer application in Wheat	12	30	

3. Units Established



Stitching Centre in Tepla, Akbarpur & Phulelmajra villages



Kitchen garden units



Button Mushroom unit establishment under SCSP



Mushroom unit (50 bags) Mrs. Geeta Phulelmajra



Poultry Unit (20 birds each)



Pig unit established (10 piglets)

4.Extension Activities

Dated	Activity	Venue	Participants	Photographs
9-1-24	Kisan Gosthi	Jangumajra	50	
31-1-24	Kisan Gosthi	KVK Campus	20	
10-4-24	Field Day (Wheat)	Khedki	49	
10-9-24	Exposure visit	DMR, Solan	10	
21-9-24	Exposure visit	Centre of Excellence of Vegetables, Gharaunda	30	
9-12-24	Animal Health Camp	Khedki	102	

Dated	Activity	Venue	Participants	Photographs
25-10-24	Swine Vaccine Distribution (1200 doses)	KVK Campus	15	
21-12-24	Interaction between Hon'ble Director, ATARI & farmers			
16-3-24	Awareness Programme	Talrehri	208	
21-9-24		Ghel	102	
27-3-24		Jangu majra	160	
29-5-24		Hamidpur	44	

Dated	Activity	Venue	Participants	Photographs
22-7-24		Ahmadpur	74	
				
				
Farm Advisory Services				
				

II. Impact

Enterprises	Units (No.)	Unit size	Net Income (Rs.)
Mushroom	20	20 to 800 bags	3,500-1,12,000/season
Poultry	30	10-500 birds	5,000-4,80,000/yr
Piggery	10	5+1	1,25,000-1,65,000/yr.
Kitchen garden	100	50 sqm.	3200-4800/-

II. Attracting & Retaining Youth in Agriculture (ARYA)

I. Objectives :

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

- Piggery
- Poultry
- Mushroom Cultivation
- Nursery Management & Vermi Compost

III. IMPACT (2018-19 to 2023-24)

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

IV. Activities



Hon'ble Director visited Nursery Unit



Pig unit visited by Hon'ble Directo



Mushroom unit visited by KVK team



Hon'ble Director, ATARI, Zone-II interacted with Vermi compost farmer



Poultry Unit visited by Scientist



Interaction with Poultry farm women



Farm Advisory Services at Piggery Unit



Scientist visited at Pig Unit



Participation in National Review Workshop

Visit at Mushroom unit





III. Crop Residue Management

I. Training programmes :





Dated	Topic	Venue	Participants
5-9 July, 24	Crop Residue Management	Rachheri	25
14-18 Oct.24	Crop Residue Management	Kot Kachua	25
22-26 Oct.24	Crop Residue Management	Kheda	25
9-13 Dec.24	Crop Residue Management	Rajauli	25
9-13 Dec.24	Crop Residue Management	Paplotha	25








II. Awareness Programmes :

Dated	Topic	Venue	Participants	Photographs
19-10-24	District level Awareness Camp	KVK campus	108	
30-11-24	Block level Awareness camp	New Grain Market, Saha	150	
27-09-24	Village level Awareness Programme	Kot Kachua	82	
20-9-24	Village level Awareness Programme	KVK Ambala	40	
27-8-24	Village level Awareness programme on CRM	Paplotha	50	



11-11-24	Village level Awareness programme on CRM	Sabga	20	
25-9-24	Awareness on Crop Residue Management	Convent School, Ambala Cantt	56	
6-11-24	School level Awareness programme on CRM	Govt. School, Sabga	81	
8-11-24	School level Awareness programme on CRM	Govt. School, Rajauli	80	
12-11-24	School level Awareness programme on CRM	Govt. School, Paplotha	25	
12-11-24	School level Awareness programme on CRM	Govt. School, Kheda	58	
24-02-24	College level Awareness on CRM	MMU, Mullana	100	
13-11-24	College level Awareness on CRM	Sant Mohan Das Labana Khalsa college for Women, Barara	100	

18-12-24	College level Awareness on CRM	Govt college for Women, Shahzadpur	100	
26-04-24	Zonal Workshop on CRM	Jodhpur	1	
				

III. Extension Activities :

Dated	Topic	Venue	Participants	Photographs
21-10-24	National Dialogue on 'Paddy Straw Management towards Achieving Mission Zero Burning'	ICAR-CSSRI, Karnal	3	
28-03-24	Field Day	Kesri	48	
Oct.24	AFL			



IV. Other Activities

S.No.	Particular	No.
1	Demonstration on Super Seeder	200
2	Column / Articles in newspaper and magazines etc. Published	8
3	Wall writings	40
4	Hording fixed (at Mandi/ Road side/ Market/ Schools/ Petrol pump/ Panchayat etc.)	5
5	Poster/ Banner placed at different location/ buses etc.	20
7	Publicity material such as leaflets/ pamphlets etc. Distributed	1142
8	Advertisement in Print media	2
9	WhatsApp Groups formed on CRM	2
10	No. of messages on CRM sent to farmers through	0
		

IV. Farmer Producer Organisation (FPOs) :

Sl. No	Name of FPO	Date of FPO Registration	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	300	Yes	Mustard	Potato	600000
2	The Agriterrene Farmers Producers Multipurpose Cooperative Society Ltd. Shahzadpur Block : Shahzadpur	04.02.2022	300	Yes	Mustard	Sunflower	600000



Activities

Dated	Event	No.	Photographs
2.1.24	FPO Monitoring & business discussion Dukheri	10	
5.1.24	Meeting	8	 <p>Khuda Kalan, Haryana, India 8WG3+QRH, Khuda Kalan, Haryana 133006, India Lat 30.328953° Long 76.904725° 05/01/24 12:51 PM GMT +05:30</p>
25.1.24	FPO audit Naraingarh	6	 <p>Naraingarh, Haryana, India Ward No. 2, Near Park, Chandigarh - Nahar Road, Naraingarh, Haryana 134203, India Lat 30.47966° Long 77.32921° 25/01/24 01:38 PM GMT +05:30</p>

Dated	Event	No.	Photographs
			 <p>Naraingarh, Haryana, India 741H+Q42, near, Mahendra Agronomy Laboratory, Modi Nagar, Naraingarh, Haryana 132202, India Lat 30.470583° Long 77.1388° 28/01/24 01:38 PM GMT +05:30</p>
29.1.24	Meeting with FPO Members (Shahzadpur)	10	 <p>Khuda Kalan, Haryana, India 8W52+QRH, Khuda Kalan, Haryana 133000, India Lat 30.326936° Long 76.904834° 29/01/24 04:00 PM GMT +05:30</p>  <p>Khuda Kalan, Haryana, India 8W53+QRH, Khuda Kalan, Haryana 133000, India Lat 30.326936° Long 76.904789° 29/01/24 04:47 PM GMT +05:30</p>
29.1.24	Meeting with FPO Members (Dukheri)	5	 <p>Ambala Cantt, Haryana, India 8CD+32, Amba Complex, Indira Chowk, Ambala Cantt, Haryana 133001, India Lat 30.34841° Long 76.93751° 29/01/24 02:35 PM GMT +05:30</p>
28-30 June, 24	FPO FPO Mela) Tarang	8	

Dated	Event	No.	Photographs
27.7.24	FPO Mela	3	
30.4.24	FPO (Audit completed on 30.4.24)	4	
28.8.24	FPO audit (Shahzadpur)	3	
30.7.24	Meeting: Discussion about LMS portal with the FPO Shahzadpur members at Khudda Kalan on 30.07.2024	6	
19.5.24	Meeting with farmers	25	
5-7-24	Attended 7th District Level Monitoring Committee (DMC) Meeting on Formation and Promotion of FPOs held under the Chairmanship of Sh. Vishwajeet Singh, CTM Ambala-cum-Chairman of D-MC	5	
30-10-24	Visited at FPO Office	2	

Online Training/Meeting Attended :

	Event	
2.1.24	FPO Monitoring & business discussion Dukheri	
31.1.24	FPO discussion with Sh. Vinod Kumar, Naraingarh	
20.2.24	FPO Review Meeting	
26.2.24	NCDC FPO Profile Filling Workshops to orient/train CBBOs in the FPO Profile Filling- Batch 2	
19.3.24	FPO Meeting	
2.4.24	FPO Meeting	
25.4.24	Meeting for Review of FPO Project on organised by ATARI, Jodhpur	
30.4.24	FPO (Audit completed on 30.4.24)	
7.5.24	CBBO Review Meeting (Dr. Amit Kumar)	
4-6-24	CBBO Review Meeting (Dr. Amit Kumar) on 4 th June, 2024	
2.7.24	CBBO Review Meeting (Dr. V. D. Singh)	
24.7.24	Attended Online Workshop on FPO-LMS Portal (Dr. V.D. Singh)	
30.7.24	Meeting: Discussion about LMS portal with the FPO Shahzadpur members at Khudda Kalan on 30.07.2024	
28.8.24	FPO audit (Shahzadpur) on 28.8.24 with board members	
18.9.24	CBBO review meeting by NCDC	
23.9.24	MIS Portal meeting (Virtual meeting APEDA for farmers linkage portal)	
3.12.24	Online review meeting FPO	
		

v. DFI

V. Most successful cases (At least two cases by each KVK) need to be submitted.

VI. Feedback need to be furnished

Feedback need to be furnished

- Feedback for policy makers:

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Ambala	Foliar application of micro nutrients in Onion	i) PRA ii) Problem identified iii) Field level observations iv) Farmer group	Increase in yield 16.84 %	Followed
	Nutrient Management in Potato	PRA ii) Problem identified iii) Field level observations iv) Farmer group	Increase in yield (10.54%)	Followed
	Management of Early Shoot borer in Sugarcane	PRA ii) Problem identified iii) Field level observations iv) Farmer group	Infestation of Early Shoot borer (12%)	Followed
	Management of Stem borer in Rice	PRA ii) Problem identified iii) Field level observations iv) Farmer group	Infestation of Stem borer (12%)	Followed
	Assessment of Super Seeder for Wheat sowing	PRA ii) Problem identified iii) Field level observations iv) Farmer group	Increased BC Ratio 3.10	Followed
	Infertility improvement in murrah buffalo	PRA ii) Problem identified iii) Field level observations iv) Farmer group	AI conception (2 No.)	Followed
	Growth improvement of Buffalo calves	PRA ii) Problem identified iii) Field level observations iv) Farmer group	Body Weight 13.60 kg. as compared with Farmer's practice 10.80 kg.	Followed

Name of KVK	Technology appropriations
Ambala	Foliar application of Micro nutrients in Onion : Farmers are satisfied with this technology due to increased in yield 16.84%
	Nutrient Management in Potato : Farmers are satisfied with this technology due to increased in yield 10.54%
	Management of Early Shoot borer in Sugarcane : Farmers are satisfied with this technology due to infestation of early shoot borer (12%) as compared to Farmer practice (18%)
	Management of Stem borer in Rice : Farmers are satisfied with this technology due to infestation of stem borer in rice (12%) as compared to Farmer practice (16%)
	Assessment of Super Seeder for Wheat sowing : Farmers are satisfied with this technology due to increased BC Ratio 3.10 as compared by Farmers practice 2.68.

	Infertility improvement in murrah buffalo : The farmers are satisfied to better result on heat symptoms, clear discharge and improved conception rate as well as increased in milk yield (189 kg/month) as compared to faremr's practice (126 kg/month)
	Growth improvement of Buffalo calves : Farmers are satisfied with this technology for better result on growth improvement and reduced mortality (none) and morbidity rate.

• **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	30	25	149512.00	174500
2	Improved variety of Onion : NHRDF –Red & NHRDF Red-4	35	25	140600	165100
3	Integrated Crop Management in Wheat	52	40	67150	83531
4	Integrated Crop Management in Mustard	125	112	109000	111725
5	Mushroom production	45	20	--	127500
6	Dairy farming	30	15	265000	352000
7	Pig farming	33	18	--	100000- 650000
8	Poultry farming	25	24	--	205000- 640000
9	Super Seeder for Wheat	200	200	73792.50	83731.25
10	Kitchen gardening	100	100	--	3000- 3800/yr./Unit size -50m ²)
11	Vermi Compost	20	10	--	31875- 1413545

Annexure –I**(Training Programmes : 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															
16-17 Feb., 24	PF	Natural farming	Agronomy	Natural farming	2	KVK campus	28	12	40	0	0	0	28	12	40
19-20 Feb., 24	PF		Agronomy	Natural farming	2	KVK campus	17	23	40	0	0	0	17	23	40
27-28 Feb., 24	PF		Agronomy	Natural farming	2	KVK campus	12	28	40	0	0	0	12	28	40
29 Feb. -1 March, 24	PF		Agronomy	Natural farming	2	KVK campus	26	14	40	0	0	0	26	14	40
7-8 March, 24	PF		Agronomy	Natural farming	2	KVK campus	36	04	40	0	0	0	36	04	40
12-13March, 24	PF		Agronomy	Natural farming	2	KVK campus	23	17	40	0	0	0	23	17	40
15-16 March, 24	PF		Agronomy	Natural farming	2	KVK campus	38	02	40	0	0	0	38	02	40
18-19 March, 24	PF		Agronomy	Natural farming	2	KVK campus	40	00	40	0	0	0	40	00	40
27-28 March, 24	PF		Agronomy	Natural farming	2	KVK campus	34	06	40	0	0	0	34	06	40
29-30 March, 24	PF		Agronomy	Natural farming	2	KVK campus	40	00	40	0	0	0	40	00	40
5-8 Nov.24	PF	Integrated Crop Management on Wheat		Integrated Crop Management	4	Khedki	0	0	0	0	30	30	0	30	30
	Total	11					294	106	400	0	30	30	294	136	430
29 Jan. - 01 Feb. 24	PF	Nutrient Management in Onion	Horticulture	Integrated Nutrient Management	4	Sainmajra Ganauli, Allahpur	15	0	15	0	0	0	15	0	15
15-24 July 24	PF	Nursery Management of	Horticulture	Nursery management	4	Ahmadpur	0	0	0	0	15	15	0	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
		Horticultural Crops													
9-12 Sept. 24	PF	Scientific cultivation on tomato	Horticulture	Integrated Crop Management	4	Samlehri	10	0	10	0	0	0	10	0	10
9-12 Oct.24	PF	Integrated Crop Management on Potato	Horticulture	Integrated Crop Management	4	KVK	0	0	0	6	15	21	6	15	21
15.-18 Oct.24	PF	Role of Micro nutrients on Potato	Horticulture	Nutrient Management	4	Sain Majra	10	0	10	0	0	0	10	0	10
21-24 Oct.24	PF	Integrated Crop Management on Onion	Horticulture	Integrated Crop Management	4	KVK	15	0	15	0	0	0	15	0	15
25-29 Oct.24	PF	Integrated Crop Management on Onion	Horticulture	Integrated Crop Management	4	KVK	0	0	0	7	13	20	7	13	20
30-9-24 to 3-10-24	PF	Scientific cultivation of Potato	Horticulture	Integrated Crop Management	4	KVK	11	0	11	0	0	0	11	0	11
	Total	8					61	0	61	13	43	56	74	43	117
9.1.2024	PF	Safe Use of Glyphosate (PCOs)	Plant Protection	Weed management	1	Tepla	0	0	0	15	0	15	15	0	15
18-20 April, 24	PF	Integrated Management of Fall armyworm in Maize	Plant Protection	Integrated Disease Management	3	Sehla	13	0	13	2	0	2	15	0	15
29-8-24 to 1-9-24	PF	Management of Early shoot borer in Sugarcane	Plant Protection	Integrated Pest Management	4	KVK	10	0	10	0	0	0	10	0	10
17-20 Sept.24	PF	Integrated Pest Management of Stem borer in Rice	Plant Protection	Integrated Pest Management	4	KVK	1	0	1	9	0	9	10	0	10
9-12 Dec.24	PF	Management of Early blight disease in Potato	Plant Protection	Integrated Disease Management	4	KVK	8	0	8	2	0	2	10	0	10
26-29 Dec.24	PF	Management of Onion blight disease	Plant Protection	Integrated Disease Management	4	KVK	10	0	10	0	0	0	10	0	10

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
	Total	6					40	0	40	20	0	20	60	0	60
5-9 July, 24	PF	Crop Residue Management	Soil & Water Management	Resource Conservation Technologies	5	Rachheri	25	0	25	0	0	0	25	0	25
14-18 Oct.24	PF	Crop Residue Management	Soil & Water Management	Resource Conservation Technologies	5	Kot Kachua	25	0	25	0	0	0	25	0	25
22-26 Oct.24	PF	Crop Residue Management	Soil & Water Management	Resource Conservation Technologies	5	Kheda	25	0	25	0	0	0	25	0	25
29 Oct-1 Nov.24	PF	Calibration, operation & maintenance of Zero tillage Seed drill	Soil & Water Management	Farm Machinery and its maintenance	4	KVK	15	0	15	0	0	0	15	0	15
18-11-24	PF	Role of balanced fertilizer application in wheat	Soil & Water Management	Nutrient Management	1	KVK	0	0	0	30	0	30	30	0	30
19-22 Nov.24	PF	Importance of balanced fertilizer application in wheat	Soil & Water Management	Nutrient Management	4	KVK	13	0	13	0	0	0	13	0	13
9-13 Dec.24	PF	Crop Residue Management	Soil & Water Management	Resource Conservation Technologies	5	Rajauli	25	0	25	0	0	0	25	0	25
	Total	7					128	0	128	30	0	30	158	0	158
16-20 May,24	PF	Safe Grain Storage	Home science	Storage Technique	5	Dhurala	0	0	0	0	30	30	0	30	30
9-12 July, 24	PF	Personal Hygiene and Household Sanitation	Home science	Women & Child Care	4	Dhakola	0	0	0	0	15	15	0	15	15
15-19 July, 24	PF	Income Generation Activities for Women Empowerment	Home science	Women Empowerment	5	Akbarpur	0	0	0	0	25	25	0	25	25
21-24	PF	Minimization of	Home science	Minimization of	4	Sohana	0	0	0	0	20	20	0	20	20

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
sep.24		nutrient loss while cooking		nutrient loss in processing											
29-10-24	PF	Nutritional security through kitchen gardening	Home science	Women & Child Care	1	KVK campus	0	0	0	0	38	38	0	38	38
30-31 Dec.24	PF	Balanced diet and nutritional deficiency in children	Home science	Women & Child care	2	Phulelmajra	0	0	0	0	20	20	0	20	20
	Total	6					0	0	0	0	148	148	0	148	148
30 July- 2 Aug..24	PF	Disease Management of Goat	Animal Science	Disease Management	4	Adhoya	0	0	0	17	0	17	17	0	17
26-30 Sept. 24	PF	Prevention of Anemia in piglets	Animal Science	Disease Management	5	Pasiala	0	0	0	15	0	15	15	0	15
14-17 Oct.24	PF	Post partum management of dairy animals	Animal Science	Production Management	4	Dhanana	18	0	18	0	0	0	18	0	18
7-12 Nov.24	PF	Management of piglets during extreme climate	Animal Science	Production Management	6	Ratanheri	0	0	0	15	0	15	15	0	15
11-14 Dec.24	PF	Feed Management in Poultry	Animal Science	Feed & Fodder	4	Manglore	0	0	0	6	14	20	6	14	20
	Total	5					18	0	18	53	14	67	71	14	85
30-31 July, 24	PF	Leadership Development	Agril. Extn.	Leadership	2	KVK	2	9	11	1	12	13	3	21	24
	Total	1					2	9	11	1	12	13	3	21	24
--	Grand Total	44	--	--	--	--	543	115	658	117	247	364	660	362	1022

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. Rural Youth															
17-29 Jan.24	RY	Value added products of Cereals & Pulses	Home Science	Value Addition	13	KVK campus	0	0	0	0	20	20	0	20	20
7-27 Feb. 24	RY	Dairy farming	Ani.Sci.	Dairy farming	21	KVK campus	15	1	16	3	0	3	18	1	19
11-17 Mar.,24	RY	Poultry Production & Management	Ani. Sci.	Poultry	7	KVK campus	0	0	0	2	19	21	2	19	21
15-25 March, 24	RY	Vermi composting	Agronomy	Production of organic inputs	11	KVK campus	0	0	0	11	9	20	11	9	20
22-4-24 to 3-5-24	RY	Goat Production & Management	Ani. Sci.	Goat rearing	11	KVK campus	20	0	20	3	2	5	23	2	25
4-24 July, 24	RY	Commercial Dairy Farming	Ani.Sci.	Dairy	21	KVK campus	15	0	15	6	9	15	21	9	30
24.07.24 to 13.08.24	RY	Value Addition of Fruit and Vegetables	Home Sci.	Value addition	21	KVK campus	0	0	0	0	25	25	0	25	25
15-24 July 24	RY	Nursery Management	Horticulture	Nursery Management	10	Ahmadpur	0	0	0	0	25	25	0	25	25
7-16 Aug.24	RY	Mushroom Production & Management	Plant Protection	Mushroom Prodcution	10	KVK campus	0	0	0	15	10	25	15	10	25
4-24 Aug. 24	RY	Commercial pig farming	Ani. Sci.	Piggery	21	KVK campus	0	0	0	33	0	33	33	0	33
25 Sep-15 Oct. 24	RY	Mushroom Production & management	Plant Protection	Mushroom production	21	KVK campus	11	0	11	8	1	9	19	1	20
9-19 Sep.24	RY	Poultry farming	Ani. Sci.	Poultry	8	KVK campus	0	0	0	12	13	25	12	13	25
8-19 Oct.24	RY	Bakery products	Home Sci.	Women Empowerment	12	KVK campus	0	0	0	0	20	20	0	20	20
19 Nov. -8 Dec.24	RY	Women empowerment through Art & Craft	Home Sci.	Women Empowerment	20	KVK campus	0	0	0	0	18	18	0	18	18
	Total	14					61	1	62	93	171	264	154	172	326

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
Extension Functionaries															
15.3.24	EF	Nutritional security through Kitchen garden	Home Sci.	Nutritional security through Kitchen garden	1	KVK campus	0	10	10	0	10	10	0	20	20
26-9-24	EF	Nutritional security through Kitchen garden	Home Sci.	Nutritional security through Kitchen garden	1	KVK campus	0	18	18	0	12	12	0	30	30
	Total				2		0	28	28	0	22	22	0	50	50

Annexure –II
KRISHI VIGYAN KENDRA, AMBALA
I. SAC Meeting

Proceedings of 28th Scientific Advisory Committee Meeting

The 28th Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, Ambala was convened on 10th May, 2024 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 in the SAC Meeting:

Sr. No.	Name & Designation	Department
2.	Sh.Akhil Bakshi, President	Society for Creation of Heaven on Earth
3.	Dr. J.P. Mishra, Director	ICAR-ATARI, Zone-II, Jodhpur
4.	Dr. Balwan Singh Mandal, Director of Extension Education	CCS Haryana Agricultural University, Hisar
5.	Dr. Satyavir Singh, Principal Scientist (Agril.Extn.)	ICAR-IIWBR, Karnal
6.	Dr.Jasvinder Singh, Deputy Director Agriculture	Farmers Welfare & Agriculture Department, Ambala
7.	Mrs. Isha Rani, WCDPO	Women & Child Department, Ambala
8.	Ms. Arshdeep, District Youth Coordinator	Nehru Yuva Kendra, Ambala
9.	Mrs. Sujata, Supervisor	Women & Child Department, Ambala
10.	Mr. Jitender Arya , Registrar	Rajiv Gandhi Government College, Saha
11.	Dr. Vineet Kumar , DADF	CPDO (NR), Chandigarh
12.	Sh. Gurpreet Singh, Field Officer	IFFCO, Ambala
13.	Sh. Seva Ram, Assistant	IFFCO, Ambala
14.	Sh. Pritam Kumar, ADO (FI)	Agriculture Engineering Deptt. Ambala
15.	Sh. Dharm	Agriculture Engineering Deptt. Ambala
16.	Sh. Ravi Pal, President	FPO, Shahzadpur
17.	Sh. Lal Chand, President	FPO, Dukheri
18.	Sh. Sanjay Koal	J K Seeds
19.	Dr. Vivek Rana	Savana Seeds
20.	Dr. Upasana Singh, Member-Secretary	Member-Secretary
21.	Dr. Ramesh Kumar, SMS (Agril. Extn.)	KVK, Ambala
22.	Er. Guru Prem, SMS (SWM)	KVK, Ambala
23.	Dr. Vikram Dharendra Singh, SMS (PP)	KVK, Ambala
24.	Dr. Amit Kumar, SMS (Hort.)	KVK, Ambala
25.	Dr. Rajendra Kr. Singh, SMS (Agronomy)	KVK, Ambala
26.	Dr. Rajan Mishra, SMS (Ani.Sci.)	KVK, Ambala
27.	Sh. Abhay Kumar, Farm Manager	KVK, Ambala

A heartily welcome was given to the Hon'ble Chairman, Director, ATARI, Jodhpur, Director of Extension Education, CCSHAU, Hisar and members of SAC present in the meeting by Senior Scientist & Head –cum- Member-Secretary of the Committee.

Agenda Item No. 1 & 2 :

Confirmation of the proceedings of 27th SAC Meeting (22.5.2023) of KVK, Ambala. The House confirmed the proceedings and ATR thereon.

Agenda Item No. 3 :

I. Highlights and significant achievements made since last SAC Meeting held on 22-05-2023

Dr.Upasana Singh, Senior Scientist & Head, KVK, Ambala presented an overview of salient achievements of KVK, progress report of KVK during the year (2023-24) including OFT, FLD, Trainings, Ongoing Projects (CFLD, CRM, Natural Farming, ARYA, SCSP, Drone, FPO, NARI, TASL-D & DSR), Extension activities & KVK Farm production.

II. The progress report in each subject was presented by Subject Matter Specialist in their specialized field .

During meeting all KVK SMS presented Achievements (2023-24) of their respected field (Agronomy, Horticulture, Animal Science, Plant Protection, Agricultural Extension & Home Science) alongwith

the achievements of on-going projects i.e. Crop Residue Management, ARYA, CFLD, NARI, SCSP, IIWBR & Swachhta Action Plan (Swachh Bharat Mission) etc.

After observing & discussion by the members with the Subject Matter Specialists of KVK, the following observations and recommendations were made :

Recommendations of Scientific Advisory Committee Meeting

- i. The Head, KVK should include in her presentation the leadership she provided for the KVK rather than presenting summary of SMSs work.
- ii. Awareness about the schemes of line departments may be included in the training programmes.
- iii. As a CBBO for FPO, KVK Ambala should start work on group dynamics, exposure visit, linking of FPO with value chain, capacity development in value chain of FPO members.
- iv. The ITK of the Farmers may be adopted by KVK for validation/ updation
- v. Efficiency of Agri- Drone need to be studied and evaluated by KVK while spraying of nutrients, chemicals etc.
- vi. Crop Diversification model should be established at KVK in the crop cafeteria and as well as at farmer's field.
- vii. Revolving Fund to be increased at least by 20% every year through different enterprises i.e. nursery, piggery, poultry, dairy and others.
- viii. Sponsored training may be organised for Colleges, NYK & other line departments
- ix. Scientific studies on nutrition, behavioural change in dietary intake etc. should be conducted by SMS (Home Science) and should be presented scientifically. More emphasis should be given on nutrition studies and value addition.
- x. Inbreeding of technology should be avoided in OFT. The technology of CCSHAU should be promoted through FLDs.
- xi. The KVK should attempt case studies based on their impactful work and present in SAC 2025.
- xii. The seed of HYVs / hybrids developed by private companies should not be promoted in OFTs/FLDs.
- xiii. The pesticides /insecticides banned by CIBRC should not be used in OFTs/CFLDs.
- xiv. The FLD on fruit crops should be conducted in established orchards at farmer's field.
- xv. Training programmes on quality seed production etc. should be conducted by KVK
- xvi. Training programmes on seed treatment, nursery raising, bakery products should be organised for farm women
- xvii. The KVK should establish Crop Cafeteria demonstrating all the newly released varieties of crop grown in the district in the Crop Cafeteria.
- xviii. Farmers participatory programme on seed production for farmers to farmer seed promotion may be involved in KVK activities
- xix. The KVK should promote leading poultry breeds including Kadaknath
- xx. Leadership programme should be organised in collaboration with NYK
- xxi. Awareness programmes should be organised in schools for creating awareness about anaemic and the dietary intake to reduce anaemia.
- xxii. Natural Farming, Animal Husbandry, New Technologies, Environment conservation awareness programmes, Internship programmes may be organised for college students
- xxiii. KVK farm should focus on seed production of various crops including sugarcane, potato, paddy, wheat etc. A dedicated set up for quality planting material need to be established and revenue generated through it should be reported separately.
- xxiv. All SMSs responsible for the on-campus and off-campus training should develop the 'training content' in advance and same may be distributed among the participants.
- xxv. The special programme of SCSP should be made more focused for long-term sustainability of the efforts.
- xxvi. Progressive farmers/ entrepreneur may be called in leadership building programme & other skill training programmes.
- xxvii. Knowledge indicators may be included for the evaluation & assessment process of the trainings.
- xxviii. Unit level data to be recorded in CFLDs,/FLDs in each commodity and reported. The data as FLDs in livestock to be recorded for six months.
- xxix. The IOR standards may be complied upon in Animal Sciences for data collection and reporting.

Agenda Item No. 4 :

The Action Plan 2024-25 should be revised as directed by the Director, ATARI, Jodhpur.

ATTENDANCE OF SAC MEETING (10 May, 2024)

KRISHI VIGYAN KENDRA, AMBALA

Scientific Advisory Committee Meeting

Date : 10th May, 2024

Sr. No.	Name & Designation	Department	Mob. No.	Signature
1.	—	—	—	—
2.	D. J. P. Mishra	ICAR-AMRI	9953953852	
3.	Dr. Balwan Singh Mandal	CCRI/DAU Muz	941772750	
4.	DEEPIK DAKSHI	PRES SCHE		
5.	Pouyam Kumar	ADP(F) (AEE office)	8684002495	
6.	Sharmendu	AEE office Muz	8397244911	
7.	Ruby Fisheries office	Fisheries Department	8708363608	
8.	BENIT SINGH	Farmer	9991140022	
9.	Singh	Farmer		
10.	Singh	Farmer	9416429334	
11.	21/05/2024	Farmer	9416429334	
12.	Dalbir Singh	Farmer	9992665450	
13.	ASAIB SINGH	FARMER	805359060	
14.	SUKHMINDER SINGH	FARMER	9996142693	
15.	Hazemul Singh	Farmer	9172934277	
16.	Satou	Farmer	1982396104	
17.	VIJAY PAL	Farmer	9416278483	

Sr. No.	Name & Designation	Department	Mob. No.	Signature
18.	Isha Rani, WCDPO (Sah)	Home & Child Dev	9729449140	<i>Isha</i>
19.	Sujals Supervisor	WCD	9416808237	<i>S. S. S. S.</i>
20.	Anshdeep, DYO	Mehru Yuva Kendra Ambala	82849- 80355	<i>Ansh</i>
21.	Jitender Arya	EDUCATION	9465129121	<i>CAJ</i>
22.	प्रदीप सिंह	PH 297 121	941654026	
23.	Samra	Ravran Kumar	9728529601	<i>Samra</i>
24.	Ravi pal	Agri. Kunt	9416096254	<i>Ravi</i>
25.	अमर सिंह	राष्ट्र	9461125383	<i>Amr Singh</i>
26.	Amandeep Singh	Gali	9896369009	<i>Amandeep Singh</i>
27.	Dr. Vineet Kumar	DADF, CPDO chandigarh	9501322568	<i>Vineet</i>
28.	Fr Gurus Prem	KVIL-Tepla	7015035571	<i>G</i>
29.	Dr. Anur Kumar	KVK-Tepla	9991567854	<i>Anur</i>
30.	Gurpreet Singh	FO, IFFLO, Amb	8950872203	<i>G</i>
31.	Jasvinder Singh	DDA, Ambala	9416446454	<i>Jas</i>
32.	Dr. Satyendra Singh	Principal, School (Ambala) ICAR-IIWBR, Kulu	9416195629 8168879849	<i>Satendra Singh</i>
33.	Dr. Ramesh Kumar	SMS - Ambala Lyh. KVK, Tepla Ambala	9017975976	<i>Ramesh</i>
34.	Abhay Kumar	Jagan Muzee KVK Ambala	9416137351	<i>A</i>
35.	Navneet Saini	Saini Majra	7806293852	<i>N</i>
36.	Manish Saini	Saini Majra	9034282934	<i>M</i>

Sr. No.	Name & Designation	Department	Mob. No.	Signature
37.	Dr. Ujjain Sr. Sci. & Head, KVK	KVK Anand (2/20)	8295406560	
38.	Lalchand Farmer	Chudiala	905028 0076	
39.	Amarpal Singh	Mangai	94678 09353	
40.	Land Gen	IFFCO	A-70P7 17771	
41.	Dr. Vikas Rana	SWANA SEEDS	99972454 15	
42.	Sangay Kaur	JK Seeds	99882 97295	
43.	Rahul Jasuja	NATURAL FARMER	9813754407	
44.	AJAY RANA	Farmer	946668851	
45.	Banti Singh	Farmer	8930393317	
46.	Gurpreet Singh	Retiree 2 years Ed. Officer	94662 - 11699	
47.	Balvinder Singh	Farmer Veget	720649 15090	
48.	Meghdal	Farmer	9416115275	
49.	Vivender Singh	Farmer	7015168653	
50.	Brijpal Chahen	Farmer	9411308484	
51.	Manju Kumari	Farmer	9996009040	
52.	Balwinder Kaur	Farmer	9991288639	
53.	Kamla Devi	Farmer	9728262344	
54.	Kajal	K.V.K	769674874	
55.	RAJAN MISHRA	K.V.K.	9532422634	

Photographs of SAC Meeting (10 MAY, 2024)



Welcome of Hon'ble Director, ATARI, Zone-II, Jodhpur in SAC Meeting



Welcome of Hon'ble Director of Extension Education, CCSHAU, Hisar



Achievements (2023-24) presented by Head & SMS, KVK, Ambala



Recommendations of SAC Meeting

INTERACTION WITH PROGRESSIVE FARMERS



Sh. Lal Chand Bhardwaj (Natural farming)



Sh. Neeraj Kumar (Nursery)



Sh. Rahul Jasuja (Progressive Farmer)



Raman Kumar (Pig Farming)



Crop Residue Management



Banti (Vermi Compost Unit)

KRISHI VIGYAN KENDRA, AMBALA
II. SAC Meeting

Proceedings of 29th Scientific Advisory Committee Meeting

The 29th Scientific Advisory Committee Meeting of Krishi Vigyan Kendra, Ambala was convened on 20th December, 2024 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 in the SAC Meeting:

Sr. No.	Name & Designation	Department
28.	Sh.Akhil Bakshi, President	Society for Creation of Heaven on Earth
29.	Dr. Anuj Kumar, Principal Scientist (Agril. Extn.)	ICAR-IIWBR, Karnal
30.	Dr. Kamna Barbataki, Director	Central Poultry Dev.Org.(NR), Chandigarh
31.	Dr. Jasvinder Singh, Deputy Director Agriculture	Farmers Welfare & Agriculture Department, Ambala
32.	Dr. Anil Barwala, Deputy Director	Department of Animal Husbandry & Dairying, Ambala
33.	Dr. Virender Singh, District Horticulture Officer	Horticulture Department, Ambala
34.	Er. Subhash Chanra, Assistant Agriculture Engineer	Agriculture Department , Ambala
35.	Er. Karan Singh, ADO (Eng. Cadre)	Agriculture Department, Ambala
36.	Dr. Dinesh Kumar, DHC	Horticulture Department, Ambala
37.	Sh. Pushpendra Kumar, DDM	NABARD, Ambala
38.	Sh. Kamal Pant, Manager	Bank of Maharashtra, Ambala
39.	Ms. Arshdeep, District Youth Coordinator	Nehru Yuva Kendra, Ambala
40.	Mrs. Reena Devi, Fishery Officer	Fisheries Department, Ambala
41.	Dr. Sukhbir Singh	Rajiv Gandhi Government College, Saha
42.	Mrs. Meenu Chauhan, WCDPO	Women & Child Development, Saha Block, Ambala
43.	Dr. Rohit	CPDO (NR), Chandigarh
44.	Dr. Rajesh Aggarwal , SMS (T&I)	Farmers Welfare & Agriculture Department, Ambala
45.	Sh. Ravi Pal, President	FPO, Shahzadpur
46.	Sh. Lal Chand, President	FPO, Dukheri
47.	Sh. Sukhminder Singh, President	Kisan Club, Sapeda
48.	Mrs. Sumneet Kaur, Social Worker & Ex Sarpanch	Gram Panchayat Tepla
49.	Mrs. Baljinder Kaur, President	SHG, Chajjalmajra
50.	Dr. Upasana Singh, Member-Secretary	Member-Secretary
51.	Dr. Ramesh Kumar, SMS (Agril. Extn.)	KVK, Ambala
52.	Er. Guru Prem, SMS (SWM)	KVK, Ambala
53.	Dr. Vikram Dharendra Singh, SMS (PP)	KVK, Ambala
54.	Dr. Amit Kumar, SMS (Hort.)	KVK, Ambala
55.	Dr. Rajendra Kr. Singh, SMS (Agronomy)	KVK, Ambala
56.	Dr. Rajan Mishra, SMS (Ani.Sci.)	KVK, Ambala
57.	Sh. Abhay Kumar, Farm Manager	KVK, Ambala
58.	Mrs. Kajal, Programme Assistant (Home Sci.)	KVK, Ambala

A heartily welcome was given to the Hon'ble Chairman and members of SAC present in the meeting by Senior Scientist & Head –cum- Member-Secretary of the Committee.

Agenda Item No. 1 :

Confirmation of the proceedings of 28th SAC Meeting (10.5.2024) of KVK, Ambala. The House confirmed the proceedings and Action Taken Report thereon.

Agenda Item No. 2 & 3 :

III. Highlights and significant achievements made since last SAC Meeting held on 10-05-2024

Dr.Upasana Singh, Senior Scientist & Head, KVK, Ambala presented an overview of salient achievements of KVK & back-stopping to KVK.

IV. The progress report & action plan in each subject was presented by Subject Matter Specialist in their specialized field .

During meeting all KVK SMS presented Achievements (June– December, 2024) of their respected field (Agronomy, Horticulture, Soil & Water Management, Animal Science, Plant Protection, Agricultural Extension & Home Science) alongwith the achievements of on-going projects i.e. Crop Residue Management, ARYA, CFLD, NARI, SCSP, & Swachhta Action Plan (Swachh Bharat Mission) etc. as well as Action plan -2025 presented for suggestions.

After observing & discussion by the members with the Subject Matter Specialists of KVK, the following observations and recommendations were made :

Recommendations of Scientific Advisory Committee Meeting

- i. KVK, Ambala should attempt case studies based on their impactful work in pig farming & oilseed crops.
- ii. The KVK should promote leading poultry breeds and link farmers with Animal Husbandry Department.
- iii. KVK should work on the management of stem borer attack in rice crop
- iv. The impact of trichoderma on crops need to be documented
- v. Awareness programmes on judicious use of insecticides, pesticides should be increased
- vi. The KVK Dairy Demonstration unit with desi breeds may be redesigned for greater profitability
- vii. The KVK should promote poplar varieties : WSL-109, WSL-110 & WSL-83 etc.
- viii. KVK may be on boarded as organisation partner on My Bharat Portal
- ix. The FLD on Poakh boeing disease in sugarcane should be conducted.
- x. The FLD on vegetable crops viz. Onion, carrot should be conducted
- xi. In FLD should be presented data of production & other parameter in poultry.

Agenda Item No. 3 :

The Action Plan 2025 presented for suggestions of SAC members.

ATTENDANCE OF SAC MEETING

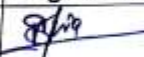


KRISHI VIGYAN KENDRA, AMBALA
SCIENTIFIC ADVISORY COMMITTEE MEETING
(20 December, 2024)

S.No.	Name & Designation	Department	Mob. No.	Signature
1	ANMIL SAKSHI	SCHE	9810087383	
2	Ashtdeep	NKR Ambala District Youth Officer	82849 40353	
3	Reena Devi & F.O	Aishwariya	8398842607	Reena Devi
4	Dr. Rohit	CPAD, C.D.	9465650006	
5	Dr. Komna Barkatali	CPDO, Chandigarh	9864012070	
6	श्री. अ. ज. ज. कृष्ण	ICAR-IIWBR, Karnal	9416467954	
7	BEANT SINGH	Kissan	9991140022	Beant Singh
8	SUKHMINDER SINGH	FARMER SAPEHRA	9996942693	
9	Meenu Choudhan	WCDO Sahas Block Tepla Circle Supervisor	9991379867	Meenu 20/12/24
10	DR. SUKHBIR SINGH	RAJIVGANDHI GOVT COLLEGE SAHA	9541203432	 20.12.24
11	Pushpendra Kumar	DDM, NABARD	9967074162	
12	Kamlesh	Bank of Maharashtra Ambala	9011907530	
13	Dr. Subhash Chandra Assistant Agriculture Engineer	Agriculture Department	9416673733	
14	ER. Karan Singh ADO (Eng. Cadet)	Agriculture Dept	6006596878	 20/12/24
15	Atul Kumar Farm Manager	KVK, Tepla Ambala	9467637331	
16	Yogesh Kumar	KVK AMBALA	7837724186	YKumar

KRISHI VIGYAN KENDRA, AMBALA
SCIENTIFIC ADVISORY COMMITTEE MEETING
(20 December, 2024)

S.No.	Name & Designation	Department	Mob. No.	Signature
17.	Lal Chand Bhaskar President, F.P.O.		9050280076	
18	Dr. K. Anil Kumar SAS - Agril. Extn.	Agril. Extn.	9017935976	
19	Dr. Rajendra Singh SMS - Agronomy	Agronomy	7696940830	
20	Dr. Gurnam Bora	S.W.M	701503511	
21	Dr. Amit Kumar	SMS (Hosticulture)	9991567854	
22	Dr. Vikram D. Singh	SMS (Pl. Protection)	895023563	
23.	Dr. Rajan Malik	S.M.S. (Am. Sci.)	9532422891	
24	Kajal (Programme Assistant) K.V.K. Ambala	K.V.K. Ambala	7696948748	
25.	Ranjit	Dukhri	9111609254	
26.	Dr. Jai Singh	Ext. 211511	9778262344	
27.	Baljitinder Kaur	Ahmadpur	9817152756	
28.	Charanjit Singh	KVK Ambala	8684070286	
29	Rajesh Aggarwal SMS (T&E) Ambala	Agril. Extension & Welfare Dept., Ambala	9988977446	
30	Jasvinder Singh	DDA Ambala	9416446457	
31	Purnima Kaur	Social Worker Exo. Sanchal Dept.	8950571505	
32.	Pinderjit Singh	op DHO Ambala	913066018	

KRISHI VIGYAN KENDRA, AMBALA
SCIENTIFIC ADVISORY COMMITTEE MEETING
(20 December, 2024)

S.No.	Name & Designation	Department	Mob. No.	Signature
33	Virender Singh DHO	Horticulture	9466212762	
34	Dr Anil Bamwala	Animal Husbandry	9417431253	
35	Dr. Udaya S. S. & H. S.	KVK	8295406560	
36				

Photograph of SAC Meeting

