

**ACTION PLAN -2025**  
**Krishi Vigyan Kendra, Ambala**  
**(Established on 1995)**  
**A. Basic Information**



Agro-climatic Zone	Soil Type	Topography
Dry-sub Humid Zone of Haryana State	Sandy loam to clay	Flat to gently sloping

**1. Major Crops of the district (2023-24)**

S. No	Crop	Area (ha)	Production (MT.)	Productivity (kg/ha)
<b>I.</b>	<b>Crops</b>			
1	Wheat	100669	478983.10	4758
2	Paddy	95734	421325.33	4401
3	Sugarcane	11500	8300000.00	72173
4	Mustard	3985	6308.25	1583
5	Sunflower	8690	21577.27	2483
<b>II.</b>	<b>Vegetable Crops</b>	<b>(2022-23)</b>		
1	Potato	3250	8168.0	2510
2	Onion	2926	4027.2	1380
3	Tomato	1587	3088.2	1950
4	Cauliflower	2248	4384.8	1950
5	Leafy vegetables	3662	5801.8	1580
6	Watermelon	202	545.6	10490
	Muskmelon	190	420.4	13140
<b>III.</b>	<b>Fruit Crops</b>			
1	Mango	1432.9	1157.0	38570
2	Guava	560.1	997.6	11470

**Source: Agriculture & Horticulture Department, Ambala**

**2.1 SWOT Analysis of Agriculture in Ambala district**

**I. STRENGTHS :**

**1. Favorable climate & soil :**

- Ambala district has fertile alluvial soil, suitable for crops like wheat, rice, sugarcane and horticultural produce
- Moderate climate with adequate rainfall during monsoons supports diverse crops

**2. Proximity to Markets:**

- Close to Chandigarh, Delhi and other urban centers for easy marketing and distribution of agricultural produce

**3. Established Irrigation Network :**

- Presence of rivers like Ghaggar and canal system ensures reliable irrigation for major crops

**4. Emerging Horticulture & Floriculture :**

- Growing interest in horticultural crops and floriculture (e.g. marigold farming) due to higher profit margins.

## **II. WEAKNESS :**

### **1. Over dependence on Water-Intensive Crops :**

- Predominantly focused on paddy and wheat, which deplete groundwater levels

### **2. Depleting Groundwater Table :**

- Unsustainable irrigation practices and over-extraction of groundwater pose significant threat to long-term agricultural sustainability.

### **3. Small Landholdings:**

- Many farmers have fragmented and small landholdings, making mechanization and economics of scale difficult to achieve.

## **III. OPPORTUNITIES:**

### **1. Crop Diversification:**

- Transition to high-value, low water crops like pulses, oilseeds and horticultural crops can improve profitability and conserve water.

### **2. Horticulture and Floriculture**

- Ambala's proximity to major cities offers opportunities for expanding horticulture (vegetables, fruits) and floriculture to meet urban demand

### **3. Organic and Natural Farming:**

- Rising consumer demand for organic /natural produce

## **IV. THREATS :**

### **1. Climate Change :**

- Irregular rainfall, extreme weather events and rising temperatures could disrupt crops cycles and reduce yields.

### **2. Groundwater depletion :**

- Excessive reliance on groundwater for paddy irrigation may lead to a severe water crisis in the future.

### **3. Market Volatility :**

- Fluctuating market prices for crops can affect farmer incomes

### **4. Pest & Disease Outbreaks :**

- Unpredictable pest outbreaks can lead to crop damage, especially with monoculture practices.

### **5. Youth Migration:**

- Younger generations are moving to cities for better opportunities, leading to reduced labour availability and weakening agricultural practices.

### **6. Urbanization :**

- Rapid urban expansion in Ambala district threatens agricultural land availability, as farmlands are converted into residential or commercial spaces.

## Key Recommendations

- Promote Crop Diversification: Introduce farmer training programmes to grow less water-intensive crops like pulses, vegetables, and oilseeds.
- Strengthen Water Management: Farm mechanization & promotion of RCTs
- Encourage Youth Participation: Promote secondary agriculture viz; Mushroom cultivation, Poultry, Piggery, Dairy etc.

## 5. Major Problems and Thrust Area

S. No	Crops/ Enterprises	Problems	Thrust Area
1	<b>Agronomy &amp; Horticulture crops</b>	<ul style="list-style-type: none"> <li>• Overdependence on water-intensive crops. Predominantly paddy &amp; Wheat , which deplete groundwater level</li> <li>• Unpredictable pest outbreak can lead to crop damage</li> <li>• High cost of cultivation due to traditional sowing techniques</li> </ul>	<ul style="list-style-type: none"> <li>• Crop diversification and productivity enhancement through oilseed &amp; horticulture crops</li> <li>• Strengthen water management, farm mechanization &amp; promotion of RCTs</li> <li>• Expend opportunities for horticulture &amp; floriculture viz. marigold</li> <li>• Knowledge up- gradation regarding organic farming practices using natural pest control methods, composting &amp; organic inputs</li> <li>• Integrated Pest, Disease &amp; Nutrient Management</li> </ul>
2	<b>Livestock</b>	<ul style="list-style-type: none"> <li>• Poor Production, Nutrition &amp; Disease management practice in Livestock</li> </ul>	<ul style="list-style-type: none"> <li>• Production, Nutrition &amp; Disease Management in Livestock</li> </ul>
3	<b>Women Empowerment</b>	<ul style="list-style-type: none"> <li>• Mal-nutrition &amp; anemia *</li> <li>• Limited economic opportunities</li> </ul>	<p>Women Empowerment :</p> <ul style="list-style-type: none"> <li>• Knowledge upgradation about nutritious food, balanced diet, nutri-thali etc.</li> <li>• Post-harvest management &amp; value addition (Seasonal Fruits &amp; vegetables, Milk products etc.)</li> <li>• Entrepreneurial activities viz. tailoring, handicraft etc.</li> </ul>
4	<b>Agri. Extn.</b>	<ul style="list-style-type: none"> <li>• Youth Migration, Urbanisation &amp; un-employment</li> </ul>	<ul style="list-style-type: none"> <li>• Agri. Entrepreneurship programmes to attract youth talent back to agriculture viz. Mushroom cultivation, Vermi compost, Seed production, Nursery Management, Poultry, Piggery etc.</li> <li>• Facilitate farmer-producer organizations (FPOs) for direct market linkage</li> <li>• State govt subsidy schemes for precision farming tools, crop diversification etc.</li> </ul>

\* Pre evaluation/Survey of Nutrition level of farm women by KVK (Sample Size : 100 farm families)

Anemia status: Moderately Anemic Cases : 56%  
Severe Anemic cases : 5 %

**Nutrition Status in Ambala :** Malnutrition & Anemic

### References:

1. The Times of India, 12 March, 2021
2. International Journal of Novel Research & Dev. Vol.8, Issue 12 Dec.2023: ISSN:2456-4184, Pg 209-306)

## 6. Prevalent Farming system/enterprise

Farming Systems/Cropping System	Area (ha)	Number of holdings
<b>Crop Based</b> -Rice-Wheat -Rice- Sugarcane-Wheat	Wheat : 100669 Paddy : 95734 Sugarcane : 10130	--
<b>Horticulture based</b> Rice-Potato-Rabi onion	Potato : 3250 Onion : 2926	--
<b>Livestock based</b> Dairy Farming, Piggery & Poultry	Cattle : 71160 No. Buffalo : 137620 Pigs : 4128 Poultry : 2873268	--

## 7. Participation of KVKs in ZREAC Meeting

Technology Presented in Rabi ZREAC Meeting	Outcome of the meeting	Technology Presented in Kharif ZREAC Meeting	Outcome of the meeting
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## 8. SAC meetings in Pre-Rabi and Pre-Kharif

Recommendations pre-Kharif SAC (10 May, 2024)(only 5 Major)	Under which activity they included in Action Plan 2025-26	Recommendations Pre-Rabi SAC (20 Dec.24)	Under which activity they included in Action Plan 2025-26
The KVK should attempt case studies based on their impactful work and present in SAC 2025	<b>4.E Publication</b> Case Study: 1.Piggery 2.Mustard 3.Poultry	Poplar variety 109, 110 & 83 etc. may be included in KVK farm	<b>4. D. Planting materials</b> Poplar variety: G-111
Training programmes on quality seed production etc. should be conducted by KVK	<b>3. (B) Rural Youth Training</b> Agronomy : Seed Production	FLD/OFT should be conducted on Pokkah boeing disease in Sugarcane	<b>2. FLD</b> Plant Protection: Management of Pokkah boeing disease in Sugarcane
The FLD on fruit crops should be conducted in established orchards at farmer's field	<b>2. FLD</b> Hort : Management of Fruit drop in Mango	FLD should be conducted on Pink Stem borer in Paddy	<b>2. FLD</b> Plant Protection: Management of Pink Stem borer in Paddy
The KVK should promote leading poultry breeds	<b>2.2. Livestock (FLD)</b> Chabro (Comm.)	The FLD on fruit crops should be conducted in established orchards at farmer's field	<b>2. FLD</b> Hort : Management of Fruit drop in Mango
Scientific studies on nutrition, behavioural change in dietary intake etc. should be conducted scientifically presented	<b>4. Extension Activities :</b> Nutrition Month <b>&amp;</b> <b>4. E. Documentation :</b> Survey (Pre & Post evaluation) Sample Size : 100 families		

## 9. Details of Operational area / Villages

SI No	Scheme	Taluka	Block	Village	No. of farm house-holds	Number of SC/SCTs households	Geo Coordinates (latitude and longitude)
1	KVK	Saha	Saha	Pilkhani	712	213	30.367324 76.952756
				Bihta	1471	670	30.276972 76.955499
				Tepla	536	191	30.304785 76.947023
				Gola	499	214	30.331895 77.015319
		Ambala-I	Ambala-I	Kotkachua	365	127	30.278420 76.831092
				Ojla	150	44	30.250031 76.796503
				Fazailpur	137	28	30.242551 76.786360
				Dhanaura	635	203	30.292962 77.113020
		Naraingarh	Naraingarh	Barauli	383	141	30.484085 77.102087
				Meerpur	112	61	30.492035 77.096529
				Ballopur	108	58	30.482391 77.086637
				Rampur Husaini	131	102	30.492333 77.141027
				Sain Majra	237	22	30.466484 77.100836
				Dhanaura	136	41	30.511698 77.123185
				Magarpura	104	51	30.367711 76.999889
		Shahzad-pur	Shahzad-pur	Khedki Manakpur	229	202	30.486577 77.068218
				Badagarh	362	115	30.462689 77.065273
				Baddi Bassi	288	62	30.471253 77.071396
				Tandwal	253	126	30.445209 77.052171
				Bilaspur	313	206	30.459187 77.047669
		Barara	Barara	Sirasgarh	562	298	30.236305 77.086406

SI No	Scheme	Taluka	Block	Village	No. of farm house-holds	Number of SC/SCTs households	Geo Coordinates (latitude and longitude)
				Holi	410	202	30.236014 77.072990
				Hamidpur	128	121	30.274756 77.011142
2	TSP/SCSP	Shahzad-pur	Shahzad-pur	Handi khera	99	98	30.377331 77.025171
				Khedki Manakpur	98	92	30.486577 77.068218
		Naraingarh	Naraingarh	Ballopur	108	58	30.482391 77.086637
				Rampur Husaini	131	102	30.492333 77.141027
		Saha	Saha	Phulelmajra	169	121	30.306310 76.923731
				Akbarpur	131	81	30.293327 76.919385
3	CFLD	Naraingarh	Naraingarh	Barauli	383	141	30.484085 77.102087
				Ballopur	108	58	30.482391 77.086637
				Sain Majra	237	22	30.466484 77.100836
		Shahzad-pur	Shahzad-pur	Khedki Manakpur	220	202	30.486577 77.068218
				Badagarh	362	115	30.462689 77.065273
				Baddi Bassi	288	62	30.471253 77.071396
				Tandwal	253	126	30.445209 77.052171
4	CRM	Saha	Saha	Bihta	1471	670	30.276972 76.955499
				Pilkhani	712	213	30.367324 76.952756
		Shahzadpur	Shahzadpur	Dhamoli Bichli	368	186	30.418619 77.048383
				Santokhi	151	81	30.392713 76.996643
5	NMNF	Naraingarh	Naraingarh	Sain Majra	237	22	30.466484 77.100836
				Magarpura	104	51	30.367711 76.999889

## 10. Results of PRA conducted in 2024-25

Village	Number of households survey	3 Top problems with their score	No. of households affected due to the problem	Through which activity in Annual Plan 2025-26 addressed
Bihta	16	<ul style="list-style-type: none"> <li>• Overdependence on water-intensive crops. Predominantly paddy &amp; Wheat , which deplete groundwater level</li> <li>• Unpredictable pest outbreak can lead to crop damage</li> <li>• High cost of cultivation due to traditional sowing techniques</li> <li>• Youth Migration, Urbanisation &amp; un-employment</li> </ul>	800	OFT FLD Training Awareness Field Days Establishment of small Units
Kherki	15	<ul style="list-style-type: none"> <li>• Poor Production, Nutrition &amp; Disease management practice in Livestock</li> <li>• Youth Migration, Urbanisation &amp; un-employment</li> <li>• Unpredictable pest outbreak can lead to crop damage</li> </ul>	510	<ul style="list-style-type: none"> <li>• OFT</li> <li>• FLD</li> <li>• Awareness</li> <li>• Training</li> <li>• Field Days</li> </ul>
Handi-khera	15	<ul style="list-style-type: none"> <li>• Youth Migration, Urbanisation &amp; un-employment</li> <li>• Limited economic opportunities: Lack of skills, mobility &amp; social norms</li> <li>• Poor Production, Nutrition &amp; Disease management practice in Livestock</li> <li>• Mal-nutrition &amp; anemia</li> </ul>	150	<ul style="list-style-type: none"> <li>• FLD</li> <li>• Training</li> <li>• Awareness</li> <li>• Establishment of Small units</li> <li>• Field Days</li> </ul>
Maggar-pura	10	<ul style="list-style-type: none"> <li>• Overdependence on water-intensive crops. Predominantly paddy &amp; Wheat , which deplete groundwater level</li> <li>• Unpredictable pest outbreak can lead to crop damage</li> <li>• High cost of cultivation due to traditional sowing techniques</li> <li>• Mal-nutrition &amp; anemia</li> <li>• Limited economic opportunities</li> </ul>	110	<ul style="list-style-type: none"> <li>• FLD</li> <li>• Training</li> <li>• Awareness</li> <li>• Establishment of small units</li> <li>• Field Days</li> </ul>

## 11. Utilization of Funds of KVK Scheme during 2024-25

Utilization for	Amount (Rs in lakh)	Utilization for	Amount (Rs in lakh)
OFTs	0.73	Infrastructure development in KVK	0
FLDs	2.22	Wages for contract staff	0
Trainings	0.53	Inputs cost of seed production at KVK	0.52
Campaigns	0.86	Wages of laborers in seed production	0.50
TA	0.65	Other expenditure	0.65
POL	0.27	Unspent balance	0

### C. Mandatory activities of KVK

Activity	Season of implementation	Targets (Number)	Target (No. of Farmers)	Unit cost of OFT/ FLD/ Training Field Days	Total Cost of the intervention	Source of Funds ( KVK scheme/TSP/ SCSP/CFLDs others)
<b>OFT</b>						
Effect of evaluation of different transplanting methods in Rice	Kharif-2025	1	10	2000.00	20000.00	KVK Scheme
Crop diversification through summer moong	March,25	1	10	2000.00	20000.00	KVK Scheme
Management of Top-borer attack in Sugarcane	July,2025	1	10	1400.00	14000.00	KVK Scheme
Foliar application of Micro-nutrients in Onion	Rabi : 2025-26	1	10	500.00	5000.00	KVK Scheme
Effect of feeding Vitamin E & Zinc during transition period in cows	Aug. 2025	1	10	2000.00	20000.00	KVK Scheme
<b>FLD</b>						
Management of <i>Phalaris minor</i> in Wheat	Rabi : 2025-26	10	10	2800.00	28000.00	KVK Scheme
Sowing method in Wheat	Rabi : 2025-26	10	10	2600.00	26000.00	KVK Scheme
Integrated Nutrient Management in Wheat	Rabi : 2025-26	10	10	2500.00	25000.00	KVK Scheme
Crop diversification	Kharif: 2025	10	10	3200.00	32000.00	KVK Scheme



<b>Activity</b>	<b>Season of implement-tation</b>	<b>Targets (Number)</b>	<b>Target (No. of Farmers)</b>	<b>Unit cost of OFT/ FLD/ Training Field Days</b>	<b>Total Cost of the intervention</b>	<b>Source of Funds ( KVK scheme/TSP/ SCSP/CFLDs others)</b>
through Kharif Maize						
Management of broadleaf weed in Sugarcane	Feb.2025	10	10	1500.00	15000.00	KVK Scheme
Management of Pokkah Boeing disease in Sugarcane	Kharif :2025	10	10	800.00	8000.00	KVK Scheme
Management of Stem borer attack in Rice	Kharif: 2025	10	10	6000.00	6000.00	KVK Scheme
Management of Fruit Fly attack in Bottle gourd	July, 2025	10	10	500.00	5000.00	KVK Scheme
Management of Early blight in Tomato	Nov. 2025	10	10	500.00	5000.00	KVK Scheme
Integrated Crop Management in Tomato	July, 2025	10	10	500.00	5000.00	KVK Scheme
Management of fruit drops in Mango	March : 2025	10	10	1000.00	10000.00	KVK Scheme
Improved variety of Marigold (Hisar Beauty)	Rabi:2025	10	10	1000.00	10000.00	KVK Scheme
Effect of Plant growth Regulator in Bottle gourd	Kharif: 2025	10	10	500.00	5000.00	KVK Scheme
Effect of Herbicide for weed management in onion	Rabi :2025	10	10	500.00	5000.00	KVK Scheme
Poultry breed : Chabro (Comm.,)	Dec., 25	25	25	5000.00	125000.00	KVK Scheme
Growth performance of piglets by using Post biotic supplement	Nov. 25	10	10	1000.00	10000.00	KVK Scheme
Performance of cow in milk yield	Aug. 25	10	10	1500.00	15000.00	KVK Scheme

Activity	Season of implementation	Targets (Number)	Target (No. of Farmers)	Unit cost of OFT/ FLD/ Training Field Days	Total Cost of the intervention	Source of Funds ( KVK scheme/TSP/ SCSP/CFLDs others)
by feeding purified plant protein						
<b>Other Demos</b>						
Kitchen garden	Kharif & Rabi :25	50	50	100.00	5000.00	KVK Scheme
<b>On Campus Training</b>						
Integrated Weed management in Wheat	Oct. 25	1	20	0	500.00	KVK Scheme (Banner etc.)
Integrated Weed Management in Sugarcane	Feb.25	1	10	0	500.00	KVK Scheme
Management of Fruit fly attack in Bottle gourd	July, 25	1	10	0	500.00	KVK Scheme
Integrated Nutrient Management in Onion	Nov.25	1	10	0	5000.00	KVK Scheme
Feeding Management of lactating animals	Aug.25	1	15	0	500.00	KVK Scheme
<b>Off-campus Training</b>						
ICM on Kharif Maize	Feb. 25	1	20	0	1000.00	KVK Scheme (Banner,POL)
Sowing method in Wheat	Oct.25	1	10	0	1000.00	KVK Scheme
Integrated Nutrient Management in Wheat	Oct.25	1	10	0	1000.00	KVK Scheme
Integrated Weed Management in Sugarcane	Feb. 25	1	20	0	1000.00	KVK Scheme
Transplanting method in Rice	May, 25	1	10	0	1000.00	KVK Scheme
Crop diversification through summer moong	March, 25	1	10	0	1000.00	KVK Scheme
Management Top borer in Sugarcane crop	July,25	1	10	0	500.00	KVK Scheme
Management of stem borer in Rice	July, 25	1	10	0	1000.00	KVK Scheme

<b>Activity</b>	<b>Season of implement- tation</b>	<b>Targets (Number)</b>	<b>Target (No. of Farmers)</b>	<b>Unit cost of OFT/ FLD/ Training Field Days</b>	<b>Total Cost of the intervention</b>	<b>Source of Funds ( KVK scheme/TSP/ SCSP/CFLDs others)</b>
Management of Early blight in tomato	Nov. ,25	1	10	0	1000.00	KVK Scheme
Role of Micro nutrients in Onion	Feb., 25	1	15	0	1000.00	KVK Scheme
Integrated Crop Management in Tomato	July, 25	1	10	0	1000.00	KVK Scheme
Management of fruit drops in Mango	March, 25	1	10	0	1000.00	KVK Scheme
Integrated Crop Management in Marigold	Oct. 25	1	10	0	1000.00	KVK Scheme
Integrated Crop Management in Bottle gourd	July,25	1	10	0	1000.00	KVK Scheme
Goat Production & Management	May, 25	1	20	0	1000.00	KVK Scheme
Management of Dairy animals	Aug. 25	1	20	0	1000.00	KVK Scheme
Care of pigs during winter season	Nov. 25	1	20	0	1000.00	KVK Scheme
Poultry production & management	Jan. 25	1	20	0	1000.00	KVK Scheme
Factors affecting milk production and its quality	Oct. 25	1	20	0	1000.00	KVK Scheme
Management of dry period	Nov. 25	1	20	0	1000.00	KVK Scheme
Income generation activities for empowerment of rural women	Feb. 25	1	20	0	1000.00	KVK Scheme
Household food security by kitchen gardening	March, 25	1	20	0	1000.00	SCSP Scheme
Drudgery reduction while performing household activities	May, 25	1	20	0	1000.00	KVK Scheme
Storage loss	April, 25	1	20	0	1000.00	KVK Scheme

Activity	Season of implementation	Targets (Number)	Target (No. of Farmers)	Unit cost of OFT/ FLD/ Training Field Days	Total Cost of the intervention	Source of Funds ( KVK scheme/TSP/ SCSP/CFLDs others)
minimization techniques						
Women & child care	Aug. 25	1	20	0	1000.00	KVK Scheme
Minimization of nutrient loss	Sept. 25	1	20	0	1000.00	KVK Scheme
Balanced diet & Nutri thali	Sep. 25	1	20	0	1000.00	KVK Scheme
<b>Field Days</b>						
Wheat	April, 25	1	40	125.00	5000.00	KVK Scheme
Mustard	Feb.25	1	40	125.00	5000.00	CFLD
Paddy	Oct.25	1	40	125.00	5000.00	KVK Scheme
Chickpea	March, 25	1	40	125.00	5000.00	SCSP Scheme
Lentil	March, 25		40	125.00	5000.00	SCSP Scheme
Tomato	Feb-March, 25	1	40	125.00	5000.00	KVK Scheme
Potato	Dec.25	1	40	125.00	5000.00	KVK Scheme
<b>Extension Activities</b>						
Kisan Mela	Oct. 25	1	700	150.00	105000.00	CRM
Kisan Gosthi -Kharif -Rabi -Crop diversification	April, 25 Sep.25 May,25	3	120	150.00	18000.00	KVK scheme
Exhibition	Oct.25	1	700	0	0	CRM
Farmers Seminar	Aug.25	1	50	100.00	5000.00	KVK scheme
Group meetings	Jan-Dec.25	5	80	0	2500.00	KVK scheme
TV talks	Oct. 25	4	--			
Scientific visit to farmers' field	Jan-Dec.25	600	6000	0	60000.00	KVK scheme
Farmers visit to KVK	Jan-Dec.25	50	2200	0	0	--
Exposure visits	Jan-Dec.25	8	225	500.00	112500.00	KVK Scheme
Celebration of important days 1. International Women Day 2. Mahila Kisan Diwas 3. World Soil Day 4. ICAR Foundation	8 Mar.25  15 Oct.25  5 Dec.25	5	500	100.00	50000.00	KVK Scheme

Activity	Season of implementation	Targets (Number)	Target (No. of Farmers)	Unit cost of OFT/ FLD/ Training Field Days	Total Cost of the intervention	Source of Funds ( KVK scheme/TSP/ SCSP/CFLDs others)
Day 5. Kisan Diwas	16 July, 25 23 Dec.25					
Nutrition Month	Sept. 25	1	150	50.00	7500.00	KVK Scheme
Parthenium Week	16-22 Aug.25	1	50	0	0	KVK Scheme
Swacchta Week	15 Sep.-1 Oct.25	1	200	0	15000.00	KVK Scheme
Farmer-scientist interaction	Jan-Dec.25	6	180	0	3000.00	KVK Scheme
SAC meeting	May, 25	2	60	300.00	18000.00	KVK Scheme
<b>Training of Rural Youth</b>						
Mushroom Production & Management	Aug. 25	1	30	1600.00	32000.00	SCSP Scheme
Nursery Management	April, 25	1	15	750.00	11050.00	KVK Scheme
Vermi Compost	June, 25	1	15	1600.00	24000.00	KVK Scheme
Seed Production	Sep. 25	1	15	1600.00	24000.00	KVK Scheme
Commercial Pig Farming	Sep. 25	1	25	2000.00	30000.00	SCSP Scheme
Commercial Dairy Farming	Oct. 25	1	25	1600.00	40000.00	KVK Scheme
Value addition of Fruits, Vegetables & Dairy products	June, 25	1	25	1000.00	25000.00	KVK Scheme
Stitching & Embroidery	July, 25	1	25	1000.00	25000.00	KVK Scheme
Rural craft	Oct. 25	1	25	1000.00	25000.00	SCSP Scheme
<b>Training on natural farming</b>						
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<b>FOAM related activities</b>						
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## 1. On Farm Trials

Sl. No.	Title	Thrust Area Addressed / Problem being solved	Source of Technology	Nodal officer
1	Effect of evaluation of different transplanting methods in Rice	Water Management	PAU, Ludhiana	Dr. Rajendra Singh
2	Crop diversification through summer moong	Crop Diversification	PAU, Ludhiana	Dr. Rajendra Singh
3	Management of Top-borer attack in Sugarcane crop	Integrated Pest Management	PAU, Ludhiana	Dr. Vikram D. Singh
4	Foliar application of Micro-nutrients in Onion	Low yield & poor quality produce	PAU, Ludhiana	Dr. Amit Kumar
5	Effect of feeding Vitamin E & Zinc during transition period in Cows	Uterine diseases failure of reproduction	NDRI, Karnal	Dr. Rajan Mishra

## 2. Frontline Demonstrations

### 2.1 Crops

Sl. No.	Crop	Variety/ Technology	Yr of release of variety under FLD	Area under FLD (ha)	No. of Farmers/ demon.	Inputs to be provided to farmers	Unit cost Rs/ha	Source of Funds
1	Wheat	Management of <i>Phalaris minor</i> in Wheat	--	4.0	10	Seed + Herbicides	28000.00	KVK Scheme
2	Wheat	Sowing method in Wheat	--	4.0	10	Seed	26000.00	KVK Scheme
3	Wheat	Integrated Nutrient Management in Wheat	--	4.0	10	Micro-nutrients + Seed	25000.00	KVK Scheme
4	Maize	Crop diversification through Kharif Maize	--	4.0	10	Seed + Herbicide	32000.00	KVK Scheme
5	Sugar-cane	Management of broadleaf weed in Sugarcane	--	4.0	10	Herbicides	15000.00	KVK Scheme
6	Sugar-cane	Management of Pokkah Boeing disease in Sugarcane	---	4.0	10	Copper oxychloride 50% WP	8000.00	KVK Scheme
7	Rice	Management of Stem borer attack in Rice	--	4.0	10	Coragen	5000.00	KVK Scheme
8	Bottle gourd	Management of Fruit Fly attack in Bottle gourd	--	4.0	10	Malathion 50 EC	5000.00	KVK Scheme
9	Tomato	Management of	--	4.0	10	M-45	6500.00	KVK

Sl. No.	Crop	Variety/ Technology	Yr of release of variety under FLD	Area under FLD (ha)	No. of Farmers/ demon.	Inputs to be provided to farmers	Unit cost Rs/ha	Source of Funds
		Early blight in Tomato						Scheme
10	Tomato	Integrated Crop Management in Tomato	--	4.0	10	PGR	5000.00	KVK Scheme
11	Mango	Management of fruit drops in Mango	Dasheri	4.0	10	PGR	10000.00	KVK Scheme
12	Mari-gold	Improved variety of Marigold	Hisar Beauty	4.0	10	Seed	10000.00	KVK Scheme
13	Bottle gourd	Effect of Plant growth Regulator in Bottle gourd	--	4.0	10	Ethrel	5000.00	KVK Scheme
14	Onion	Effect of Herbicide for weed management in Onion	Beema Shakti	4.0	10	Goal	5000.00	KVK Scheme
<b>Total</b>				<b>56.0</b>	<b>140</b>			

## 2.2 Livestock Enterprises

Enter-prise	Breed/ Variety	No. of farmers	Units of animals/ poultry under FLDs	Critical inputs to be provided to farmers	Performance parameters / indicators	Unit cost Rs/ha	Source of Funds
Piglets	Large White Yorkshire (Growth performance of piglets by using Post biotic supplement)	10	50	Post-biotic supplements @ 20 gm/head/day	-Body weight (kg/fortnightly) -Feed Conversion Ratio (FCR) % -Age of puberty (days)	10000.00	KVK Scheme
Poultry	Chabro (Comm.)	25	125	Poultry birds	-Egg production (No./yr/bird) -Increase (%)	125000	KVK Scheme
Cow	Indigenous (Performance of cow in milk yield by supplementation of Amino acids)	10	10	Amino acids	Milk Yield (lit/day)	15000.00	KVK Scheme

### 2.3 FLDs on Nutri-garden/nutrition

SI No	Inputs/nutri-kits to be provided to farmers	Area of one nutri-garden	Total area under nutri garden	Total no. of farmers covered	Performance parameters /Indicators to be studied	Unit cost (Rs)	Source of Funds
1	Seasonal Vegetable Kit	100 m <sup>2</sup>	0.5 ha	50	-Reduced cases of Anaemic (No.) -Budget saving : (%) -Income (Rs./year)	100.00	KVK Scheme

### 2.4 FLDs on Farm Machineries

SI No	Farm machinery to be demonstrated	Area of one demo (ha)	Total area under FM demo	Total no. of farmers covered	Performance Indicators to be recorded	Unit cost of one FLD(Rs)	Source of Funds
1	Zero tillage wheat sowing	0.4	4.0	10	-Yield: (qtl/ha) -Cost of cultivation: (Rs./ha)	28000.00	KVK Scheme

### 2.5 Demonstrations under Sponsored Programmes(NICRA,CFLD,CRM,FOAM,NF, etc.

SI No	Var/Tech to be demonstrated	Area of one demo	Total area under demo	Total no. of farmers covered	Performance Indicators to be recorded	Unit cost of one FLD(Rs)	Source of Funds
<b>1</b>	<b>CFLD</b>						
1	Mustard	0.4 ha	50.0 ha	125	Yield: (qtl/ha)	6000.00	CFLD
<b>2</b>	<b>NF</b>						
1	Wheat	0.4 ha	4.0 ha	10	Yield: (qtl/ha)	8000.00	NF
<b>3</b>	<b>CRM</b>	1.0 ha	100.0 ha	100	Yield: (qtl/ha)	20000.00	CRM
<b>4</b>	<b>SCSP</b>						
i	Wheat	0.4 ha	8.0 ha	20	Yield: (qtl/ha)	2000.00	SCSP
ii	Poultry	25 birds	250 birds	10	-Production of Eggs (No./yr.)	12500.00	SCSP
iii	Azolla	12X4 ft (HDPE Azolla Bed)	--	10	- Reduced Feed cost (Rs./day) -FCR (%) -Health status	1500.00	SCSP
iv	Kitchen garden	100 m <sup>2</sup>	0.5	50	-Reduced cases of Anaemic (No.) -Budget saving : %	100.00	SCSP
	<b>Training</b>						
i	Mushroom Production	Aug. 25	1	30	1600.00	32000.00	SCSP
ii	Commercial Pig Farming	Sep. 25	1	25	2000.00	30000.00	SCSP
iii	Rural Craft	Oct. 25	1	25	1000.00	25000.00	SCSP
iv	Household food security by kitchen gardening	March, 25	1	20	0	1000.00	SCSP



## 2.6 Field days at Demonstrations/FLDs

Crop	Season	Probable date of Field Day	Likely participation	Village/ Block	Nodal officer
Wheat	Rabi	April, 25	40	FLD village	Dr. Ramesh Kumar
Mustard	Rabi	Feb.25	40	FLD village	Dr. Ramesh Kumar
Paddy	Kharif	Oct.25	40	FLD village	Dr. Ramesh Kumar
Chickpea	Rabi	March, 25	40	FLD village	Dr. Ramesh Kumar
Lentil	Rabi	March, 25	40	FLD village	Dr. Ramesh Kumar
Tomato	Rabi	Feb-March, 25	40	FLD village	Dr. Ramesh Kumar
Potato	Rabi	Dec.25	40	FLD village	Dr. Ramesh Kumar

## 3. Training

Thematic Area	No. of Courses	No. of Participants							Cost of Trainings (Rs)
		Others			SC/ST			Grand Total	
		Male	Female	Total	Male	Female	Total		
ON Campus									
(A) Farmers & Farm Women									
I Crop Production									
Integrated Weed management	2	20	0	20	10	0	10	30	1000.00
II Horticulture									
a) Vegetable Crops									
Integrated Nutrient Management in Onion	1	10	0	10	0	0	0	10	500.00
III. Livestock Production and Management									
Feed & Fodder Management	1	10	0	10	5	0	5	15	500.00
IV. Plant Protection									
Integrated Pest Management	1	10	0	10	0	0	0	10	500.00
TOTAL	5	50	0	50	15	0	15	65	2500.00
(B) RURAL YOUTH									
Mushroom production	1	0	0	0	15	15	30	30	32000.00
Nursery Management of Horticultural crops	1	15	0	15	0	0	0	15	11050.00
Vermi Compost	1	10	5	15	0	0	0	15	24000.00
Seed Production	1	15	0	15	0	0	0	15	24000.00
Piggery	1	0	0	0	25	0	25	25	30000.00
Dairying	1	20	0	20	5	0	5	25	40000.00
Value addition	1	0	5	5	0	20	20	25	25000.00
Tailoring & Stitching	1	0	5	5	0	20	20	25	25000.00
Rural Craft	1	0	0	0	0	25	25	25	25000.00
TOTAL	9	60	15	75	45	80	125	200	236050.00
G. Total	14	110	15	125	60	80	140	265	238550.00

Thematic Area	No. of Courses	No. of Participants							Grand Total	Cost of Trainings (Rs)
		Others			SC/ST					
		Male	Female	Total	Male	Female	Total			
OFF Campus										
(A) Farmers & Farm Women										
I Crop Production										
Integrated Crop Management	1	20	0	20	0	0	0	20	1000.00	
Resource conservation Technologies	1	10	0	10	0	0	0	10	1000.00	
Integrated Nutrient Management	1	10	0	10	0	0	0	10	1000.00	
Weed Management	1	20	0	20	0	0	0	20	1000.00	
Soil & Water Management	1	10	0	10	0	0	0	10	1000.00	
Crop diversification	1	10	0	10	0	0	0	10	1000.00	
II Horticulture										
a) Vegetable Crops										
Integrated Crop Management in Tomato	1	10	0	10	0	0	0	10	1000.00	
Effect of Plant growth Regulator in Bottle gourd	1	10	0	10	0	0	0	10	1000.00	
Integrated Weed Management in Onion	1	10	0	10	0	0	0	10	1000.00	
b) Fruits										
Management of young plants/orchards	1	10	0	10	0	0	0	10	1000.00	
c) Flower crops										
Production and management technology	1	10	0	10	0	0	0	10	1000.00	
III Soil Health and Fertility Management										
Soil and Water Testing	0	0	0	0	0	0	0	0	0	
IV Livestock Production and Management										
Goat Management	1	10	0	10	10	0	10	20	1000.00	
Dairy Management	2	20	0	20	20	0	20	40	2000.00	
Piggery Management	1	5	0	5	15	0	15	20	1000.00	
Poultry Management	1	0	0	0	10	10	20	20	1000.00	
V. Plant Protection										
Integrated Pest Management	1	10	0	10	0	0	0	10	1000.00	
Integrated Disease Management	2	20	0	20	0	0	0	20	2000.00	
VI. Home science										
Income generation activities for empowerment of rural women	1	0	0	0	0	20	20	20	1000.00	
Household food security	1	0	0	0	0	20	20	20	1000.00	

Thematic Area	No. of Courses	No. of Participants								Cost of Trainings (Rs)
		Others			SC/ST			Grand Total		
		Male	Female	Total	Male	Female	Total			
by kitchen gardening										
Drudgery reduction while performing household activities	1	0	0	0	0	20		20	20	1000.00
Storage loss minimization techniques	1	0	0	0	0	20		20	20	1000.00
Women & child care	1	0	0	0	0	20		20	20	1000.00
Minimization of nutrient loss	1	0	0	0	0	20		20	20	1000.00
Balanced diet & Nutri thali	1	0	0	0	0	20		20	20	1000.00
TOTAL	26	185	0	185	65	155		220	415	26000.00

#### 4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	No. of participants	Nature of Extension Activity	No. of activities	No. of participants
Field Day	7	280	<b>Advisory Services</b>		
Kisan Mela	1	700	Scientific visit to farmers' field	600	6000
Kisan Gosthi	3	120	Farmers visit to KVK	50	2200
-Kharif & Rabi					
-Crop diversification					
Exhibition	1	700	Exposure visits	8	225
Film Show	8	225	Celebration of important days : -International Women Day -Mahila Kisan Diwas -ICAR foundation Day -World Soil Day -Kisan Diwas	5	500
Farmers Seminar	1	50	Nutrition Month	1	150
Workshop	--	--	Parthenium Week	1	50
Group meetings	5	80	Swacchta Week	1	200
News	30	--	Farmer-scientist interaction	6	180
Popular articles	5	--	SAC meeting	2	60
Extension Literature	5	--	Survey (Scientist studies on nutrition & behavior changes through kitchen gardening)	1	100
<b>Total</b>	<b>26</b>	<b>2155</b>		<b>20</b>	<b>9900</b>

### D. Production and supply of Seed and Planting Materials

Crop Group	Crop	Variety	Target Quantity (qtl/nos.)	Source of parent seed (agency)	Breeder/FS to be procured (kg.)	Indent given to agency or not	Unit Cost of seed (Rs/ha)	Source of Funds
<b>Quality Seed</b>								
<b>Cereals</b>	Paddy	P.B.1847	30	IARI & PAU	Certified	Feb.25	10000	R.F.
		P.B.1692 PR-126 PR-131						
	Wheat	D.B.W.187 D.B.W.371 P.B.W.826 H.D.3385 H.D.-3386	100	IIWBR, PAU	Certified	Aug., 25	30000	R.F.
<b>Oilseeds</b>	Mustard (Grain)	Radhika	05		--	August, 25	500	R.F.
<b>Tubers</b>	Potato (Grain)	Kufri	100	Self (KVK)	--	--	--	R.F.
		Pukhraj Kufri Chipsona	100					
<b>Others</b>	Sugar-cane (Seed)	CoJ-13235 CoH-160 Co-16030	1500	SBI,Karnal & Sugar Mill	Breeder/Foundation	Feb. 25	12000	R.F.
<b>Total</b>			<b>1835</b>				<b>52500</b>	
<b>Planting Materials</b>								
<b>Fruits</b>	Mango	Dashari	500	Self	--	--	--	--
		Amarpali Langra						
	Lemon	Baramasi	500	Self	--	--	--	--
<b>Vegetables</b>	--	--	--	--	--	--	--	--
<b>Forest Species</b>	Poplar	G-48 G-111	2000	Self Wimco	--	--	--	R.F.
<b>Total</b>			<b>3000</b>					

#### E. Publication/documentation targeted

S.No.	Topic	Number	Time line
1.	10 years of KVK (2015-2025)		
2.	Case Studies i. Mustard ii. Poultry iii. Piggery	3	May, 25
3.	Success Stories of Farmers Local Innovations	5	Dec., 25
4	Registration of Farmers varieties	--	
5	Research paper	3	Dec.,25
	> 6.0 score		
	< 6.0 score		
2	Technical reports	6	Jan-Dec.,25
3	News letters		--
4	Training manual all discipline / Extension bulletin	5	Dec., 25
5	Popular article	6	Dec., 25
	<b>Total</b>	<b>28</b>	

#### F. Samples for analysis:

Details	No. of Samples	No. of Farmers	No. of Villages	Revenue generated (Rs)
Soil	265	265	15	--
Water	--	--	--	--

#### G. Target for Revolving Funds:

Items	Amount (Rs in lakh)	Utilization for	Amount (Rs in lakh)
Revolving Fund (Rs.) as on 31.03-2024	88.57	Infrastructure development in KVK	0
Targets kept for 2024-25	5.00	Wages for contract staff	0
Income generated in 2024-25	26.45	Inputs cost of seed production	0.52
Revolving Fund (Rs.) as on 31.03-2025	93.00	Wages of laborers in seed production	0.65
Targets of RF for 2025-26	10.0	Other contingency expenditure of RF	1.0
		Funds surrendered to SAU/Host Org.	0