

# Name of KVK Banswara

(Established on 1983)

## A. Basic Information



Agro-climatic Zone	Soil Type	Topography
Southern Humid Plain Zone (IV b)	AES-I- Sandy loam soil, medium rainfall	Medium elevation
	AES-II - Medium black soil, high rainfall	Medium elevation
	AES-III- Medium black soil, high rainfall	High elevation

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

S. No	Crop	Area (ha)	Production (MT.)	Productivity (Kg./ha)
1	Paddy	24837	25308	1019
2	Maize	105873	216099	2041
3	Blackgram	2275	966	425
4	Soybean	68171	83896	1231
5	Cotton	13974	60186	732
6	Wheat	128194	355097	2770
7	Barley	611	2239	3665
8	Gram	19253	23489	1220

Source: Department of Agriculture, Rajasthan

### 2. Major Problems and Thrust Area

S. No	Field Crops	Horticultural Crops	Livestock	NRM	Farm Mech.	Commercialization
1	Low yield of major cereals and pulses.	Problem of Balanced Nutrient Management in Hybrid Vegetables	Unavailability of improved Breed of Goat		Drudgery in farm women	
2	Low seed replacement rate of pulses					
3	Unavailability of improved seed					

### 3. Prevalent Farming system/enterprise

Farming Systems/Cropping System	Area	Number of holdings
<b>Crop based :</b> Maize/Cotton/Soybean/Paddy- Wheat/Rabi Maize/Gram/Summer Greengram	Kharif-190000 Rabi- 101000 Summer-12000	
<b>Horticulture based :</b> Chilli/Tomato/Brinjal/Okra/ Onion/Cucurbits	Kharif-18000 Rabi- 10000 Summer-2500	
<b>Live stock based :</b> Cow/Buffalo/Goat	Cow-70000 Buffalo-282000 Goat-900000	

### 4. 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
26-27.09.2024 Assessment practice- (100:50:100 kg N, P <sub>2</sub> O <sub>5</sub> and K <sub>2</sub> O)+ Foliar spray of ZnSO <sub>4</sub> @ 0.5% at 30 and 45 DAT was recommended for onion Cultivation	Balanced Nutrient Management in Onion	-	-

### 5. SAC meetings in Pre-Rabi and Pre-Kharif

Recommendations pre-Kharif SAC (only 5 Major)	Under which activity they included in Action Plan 2025-26	Recommendations Pre-Rabi SAC (only 5 Major)	Under which activity they included in Action Plan 2025-26
Rejuvenation of old and senile orchards	Off campus training	-	-
Promotion of Fisheries	FLDs	-	-
Water conservation	On/Off campus trainings	-	-
Mango promotion	FLD and Trainings	-	-
Processing and Value addition	On campus Training	-	-

## 6. Details of Operational area / Villages

SI No	Scheme	Taluka	Block	Village	No. of farm households	Number of SC/SCTs households	Geo Coordinates (latitude and longitude)
1	KVK	Bagidora	Bagidora	Vadlipada/ Badlipada	226	225	
		Bagidora	Bagidora	Balawara	150	145	
		Ghatol	Ghatol	Amarthun	744	740	
		Ghatol	Ghatol	Kanpura	352	350	
		Ghatol	Ghatol	Ratnagiri/Shantivan	136	136	
		Ghatol	Ghatol	Chadla	473	468	
		Anandpuri	Anandpuri	Chhayna	215	215	
		Talwara	Talwara	Motira/ Rampura	1407	1302	
2	NICRA						
3	TSP/SCSP	Bagidora	Bagidora	Vadlipada/ Badlipada	226	225	
		Anandpuri	Anandpuri	Chhayna	215	215	
4	CFLD	Bagidora	Bagidora	Balawara	150	145	
		Ghatol	Ghatol	Amarthun	744	740	
		Anandpuri	Anandpuri	Chhayna	215	215	
5	CRM						
6	FOAM						
7	NMNF						

## 7. 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
Chhayana	38	<ul style="list-style-type: none"> <li>• Low yield of major cereals and pulses.- ( I)</li> <li>• Low seed replacement rate of pulses .-( II)</li> <li>• Non descript breed of goat. .-( III)</li> </ul> Malnutrition in farm families. .-(IV)	181	Trainings and FLDs

Ratnagiri	25	<ul style="list-style-type: none"> <li>• Low yield of major cereals and pulses.- ( I)</li> <li>• Low seed replacement rate of pulses .-( II)</li> <li>• Non descript breed of goat. .- ( III)</li> </ul> Malnutrition in farm families. .-(IV)	126	Trainings and FLDs
Rampura	25	<ul style="list-style-type: none"> <li>• Low yield of major cereals and pulses.- ( I)</li> <li>• Low seed replacement rate of pulses .-( II)</li> <li>• Non descript breed of goat. .- ( III)</li> </ul> Malnutrition in farm families. .-(IV)	310	Trainings and FLDs

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

Utilization for	Amount (Rs in lakh)	Utilization for	Amount (Rs in lakh)
OFTs	0.2	Infrastructure development in KVK	0.27
FLDs	0.3	Wages for contract staff	0.70
Trainings	0.2	Inputs cost of seed production at KVK	0.20
Campaigns	0.48	Wages of laborers in seed production	0.20
TA	0.9	Other expenditure	1.20
POL	0.7	Unspent balance	0.0

### B. 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>	Kharif 2025	1	5	5000	25000	KVK
<b>FLD/CFLD</b>	<b>Kharif 2025</b>					
	Soybean	50	50	8250	165000	KVK/NFSM

	Blackgram	50	50	3500	70000	KVK/NFSM
	<b>Summer 2025</b>					
	Greengram	50	50	8000	160000	STC
	<b>Rabi 2025-26</b>					
	Gram	50	50	9000	180000	STC
	Tomato	10	10	15000	30000	KVK/STC
	Onion	10	10	16000	32000	KVK/STC
	Papaya	20	20	60000	120000	KVK/STC
	Mango	20	20	20850	41700	KVK/STC
<b>Other Demos</b>	<b>Livestock</b>					
	Poultry unit	50	50	2600	130000	STC
	Goatry	10	10	8000	80000	STC
	Nutri Garden	200	200	200	40000	STC
<b>On Campus Training</b>						
Crop Production		2	25	15000	30000	KVK
Horticulture		4	100	15000	60000	KVK
Livestock		2	50	15000	30000	KVK
Home Science		4	120	15000	60000	KVK
<b>Off-campus Training</b>						
Crop Production		7	210	850	5950	KVK
Horticulture		11	330	850	9350	KVK
Plant protection		4	120	850	3400	
Livestock		3	90	850	2550	KVK
Home Science		4	120	850	3400	KVK
<b>Field Days</b>						
Field Days		8	500	4000	32000	KVK
<b>Extension Activities</b>						
		256	12040			
<b>Training of Rural Youth</b>						
		1	25	45000	45000	KVK/STC
<b>Training on natural farming</b>						
		2	60	850	1700	KVK/STC
<b>FOAM related activities</b>						

## 1. On Farm Trials

Sl. No.	Title	Thrust Area Addressed / Problem being solved	Source of Technology	Nodal officer
1	Management of mango stem borer using Arka Borer Control	Layout and Management of Orchards	IIHR, Bangalore	Dr.B.S.Bhati

## 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	Soybean	JS 20-98/ JS 20-116	2018/2019	20	50	Seed	8250	KVK/NFSM
2	Blackgram	Mukundra Urd-2	2018	20	50	Seed	3500	KVK/NFSM
3	Gram	GNG-2144	2016	20	50	Seed	9000	STC
4	Greengram	GAM-5	2015	20	50	Seed	8000	STC
5	Okra	Arka Abhay/ Arka Anamika/ Marvel/ Shakti		2	10	Seed	30000	KVK/STC
6	Tomato	Arka Rakshak/ TO- 1057		2	10	Seed	15000	KVK/STC
7	Onion	NHRDF Red - 4 / L-920		2	10	Seed	16000	KVK/STC
8	Papaya	Red Lady-786/ Arka Suriya		2	20	Fruit Plant	60000	KVK/STC
9	Mango	Mallika /Dashehari		2	20	Fruit Plant	20850	KVK/STC
<b>Total</b>				<b>90</b>	<b>270</b>			

### 2.2 Livestock Enterprises

Enterprise	Breed	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
Poultry	Pratapdhan/ Kadaknath /Colour Cross Breed	50	20	6 Week Age	Egg production and body weight	2600/Unit	STC
Breed Improve ment in Goat	Sirohi Breeding buck	10	10	Breeding buck	Number of progenies	8000/No	STC
Fisheries	Rohu, Catla, Mrigal etc.	10	10	Fish seed ( 40-50 mm size)	Increase in size and body weight	4000/Unit	STC

### 2.3 FLDs on Nutri-garden/nutrition

SI No	Inputs/nutrients 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	Improved Vegetables Seeds-200	0.02 ha	4 ha	200	Improvement in Nutritional Status	200	STC

### 2.4 FLDs on Farm Machineries

SI No	Farm machinery to be demonstrated	Area of one demo	Total area under FM demo	Total no. of farmers covered	Performance Indicators to be recorded	Unit cost of one FLD(Rs)	Source of Funds

### 2.5 Demonstrations under Sponsored Programmes (NICRA, CFLD, CRM, FOAM, NF, Others)

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
1.	NICRA						
2	CFLD						
3	NF						
4	CRM						
5	TSP/SCSP						

### 2.6 Field days at Demonstrations/FLDs

Crop	Season	Probable date of Field Day	Likely participation	Village/ Block	Nodal officer
Greengram	Summer	2 <sup>nd</sup> Fortnight of May, 2025	50	Vadlipada/ Bagidora	Sh. Akshat Joshi
Greengram	Summer	2 <sup>nd</sup> Fortnight of May, 2025	50	Amarthun/Ghatol	Sh. Akshat Joshi
Blackgram	Kharif	2 <sup>nd</sup> Fortnight of September, 2025	50	Shantivan/Ghatol	Sh. Akshat Joshi
Blackgram	Kharif	2 <sup>nd</sup> Fortnight of September, 2025	50	Chhayana/ Anandpuri	Sh. Akshat Joshi
Soybean	Kharif	2 <sup>nd</sup> Fortnight of September, 2025	50	Vadlipada/ Bagidora	Sh. Akshat Joshi
Soybean	Kharif	2 <sup>nd</sup> Fortnight of September, 2025	50	Balavada/ Bagidora	Sh. Akshat Joshi
Gram	Rabi	2 <sup>nd</sup> Fortnight of February, 2026	50	Chhayana/ Anandpuri	Sh. Akshat Joshi
Gram	Rabi	2 <sup>nd</sup> Fortnight of February, 2026	50	Amarthun/Ghatol	Sh. Akshat Joshi

### 3. Training

Thematic Area	No. of Courses	No. of Participants						Grand Total	Cost of Trainings (Rs)
		Others			SC/ST				
		Male	Female	Total	Male	Female	Total		
<b>ON Campus</b>									
<b>(A) Farmers &amp; Farm Women</b>									
<b>I Crop Production</b>									
Integrated nutrient management in Blackgram and Maize ( 23-26.06.2025)	1	-	-	-	25	5	30	30	15000
Integrated pest management in wheat and Rabi Maize (08-11.09.2025)	1	-	-	-	25	5	30	30	15000
<b>II Horticulture</b>									
<b>a) Vegetable Crops</b>									
Raised bed technology for production of vegetables ( 15-18.09.2025)	1	-	-	-	25	5	30	30	15000
Protected cultivation of tomato and cucumber ( 13-16.10.2025)	1	-	-	-	25	5	30	30	15000
<b>b) Fruits</b>									
Micro irrigation and fertigation in Horticultural crops ( 03-06.03.2025)	1	-	-	-	25	5	30	30	15000
Production Technology for enhanced Productivity through improved fruit quality for export of Mango ( 18-21.06.2025)	1	-	-	-	25	5	30	30	15000
<b>III Livestock Production and Management</b>									
Commercial Goat Farming (15-19.07.2025)	1	-	-	-	25	5	30	30	15000
Commercial Poultry Production (20-25.08.2025)	1	-	-	-	25	5	30	30	15000
<b>IV Home Science</b>									
Herbal Gulal preparation through SHGs (10-13.02.2025)	1	-	-	-	-	30	30	30	15000
Mango Processing ( 20-23-05.2025)	1	-	-	-	-	30	30	30	15000
Poshak Vatika and Poshan Thali ( 19-22.08.2025)	1	-	-	-	-	30	30	30	15000
Soya processing (10-13.11.2025)	1	-	-	-	-	30	30	30	15000
<b>TOTAL</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>160</b>	<b>360</b>	<b>360</b>	
<b>(B) RURAL YOUTH</b>									
Tailor Ladies (15 Days)	1	-	-	-	-	25	25	25	45000
<b>TOTAL</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>25</b>	<b>25</b>	<b>25</b>	
<b>(C) Extension Personnel</b>									
Poshak Vatika and Poshan Thali( 18-19.09.2025)	1	-	5	5	-	25	25	30	8000
Formation of FPO/FPC and Preparing its business plan ( 04-05.12.2025)	1	10	-	10	15	-	15	25	7000
<b>TOTAL</b>	<b>2</b>	<b>10</b>	<b>5</b>	<b>15</b>	<b>15</b>	<b>25</b>	<b>40</b>	<b>55</b>	
<b>G. Total</b>	<b>15</b>	<b>10</b>	<b>5</b>	<b>15</b>	<b>215</b>	<b>210</b>	<b>425</b>	<b>440</b>	
<b>OFF Campus</b>									
<b>(A) Farmers &amp; Farm Women</b>									
<b>I Crop Production</b>									
<b>Weed Management</b>									
Weed management in soybean (14.07.2025)	1	-	-	-	20	10	30	30	850
<b>Water management</b>									
Irrigation Management in Wheat ( 15.01.2025)	1	-	-	-	20	10	30	30	850
<b>Integrated Crop Management</b>									
Importance of Natural Farming (18.01.2025)	1	-	-	-	20	10	30	30	850
Natural Farming (06.03.2025)	1	-	-	-	20	10	30	30	850
Importance of crop rotation (14.05.2025)	1	-	-	-	20	10	30	30	850



Thematic Area	No. of Courses	No. of Participants						Grand Total	Cost of Trainings (Rs)
		Others			SC/ST				
		Male	Female	Total	Male	Female	Total		
Good Agricultural Practices in Nutri cereals ( 09.06.2025)	1	-	-	-	20	10	30	30	850
Production technology of sweet corn ( 04.09.2025)	1	-	-	-	20	10	30	30	850
<b>II Horticulture</b>									
<b>a) Vegetable Crops</b>									
<b>Nursery raising</b>									
Protray nursery raising of winter vegetables (13.08.2025)	1	-	-	-	20	10	30	30	850
Raised bed technology for vegetables ( 18.08.2025)	1	-	-	-	20	10	30	30	850
<b>Protective cultivation (Green Houses, Shade Net etc.)</b>									
Management of nematodes in protected cultivation (16.01.2025)	1	-	-	-	20	10	30	30	850
Mulching in vegetables ( 20.09.2025)	1	-	-	-	20	10	30	30	850
<b>b) Fruits</b>									
<b>Training and Pruning</b>									
Canopy management in fruit crops ( 20-02.2025)	1	-	-	-	20	10	30	30	850
Bahar regulation in guava (17.04.2025)	1	-	-	-	20	10	30	30	850
<b>Management of young plants/orchards</b>									
Management of Mango Malformation ( 08.04.2025)	1	-	-	-	20	10	30	30	850
Importance of micro nutrients in fruit crops ( 10.06.2025)	1	-	-	-	20	10	30	30	850
Management in Stem Borer in Mango ( 17.10.2025)	1	-	-	-	20	10	30	30	850
<b>Rejuvenation of old orchards</b>									
Rejuvenation of old and senile orchards ( 16.08.2025)	1	-	-	-	20	10	30	30	850
<b>Plant propagation techniques</b>									
<b>f) Spices</b>									
<b>Production and Management technology</b>									
Improved Cultivation techniques of Coriander ( 03.09.2025)	1	-	-	-	20	10	30	30	850
<b>III Soil Health and Fertility Management</b>									
Soil and Water Testing									
<b>IV Livestock Production and Management</b>									
<b>Feed management</b>									
Management of breeding bucks ( 16.04.2025)	1	-	-	-	20	10	30	30	850
Management of backyard poultry (15.05.2025)	1	-	-	-	20	10	30	30	850
Importance of mineral mixture feeding in dairy animals.(11.12.2025)	1	-	-	-	20	10	30	30	850
<b>VII Plant Protection</b>									
<b>Integrated Pest Management</b>									
Integrated Pest management in Gram ( 16.01.2025)	1	-	-	-	20	10	30	30	850
Integrated pest management in Rabi maize ( 17.01.2025)	1	-	-	-	20	10	30	30	850
Integrated pest management in summer green gram (07.03.2025)	1	-	-	-	20	10	30	30	850
Integrated Pest Management in millets (07.08.2025)	1	-	-	-	20	10	30	30	850

Thematic Area	No. of Courses	No. of Participants							Grand Total	Cost of Trainings (Rs)
		Others			SC/ST					
		Male	Female	Total	Male	Female	Total			
<b>Bio-control of pests and diseases</b>										
<b>Bio-fertilizer production</b>										
<b>Vermi-compost production (Horti.)</b>										
<b>VIII Home Science</b>										
Low cost nutritious recipe ( 22.01.2025)	1	-	-	-	-	30	30	30	850	
Safe grain storage (16.04.2025)	1	-	-	-	-	30	30	30	850	
Importance and use of Millets in diet (18.06.2025)	1	-	-	-	-	30	30	30	850	
Layout of Poshak Vatika (10.09.2025)	1	-	-	-	-	30	30	30	850	
<b>XII Others (awareness about phasal bema &amp; PM Samman Nidhi, awareness about natural farming practices)</b>	4	-	-	-	120	80	200	200	16000	
<b>TOTAL</b>	<b>33</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>620</b>	<b>450</b>	<b>1070</b>	<b>1070</b>		

#### 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	8	500	<b>Advisory Services</b>		
KisanMela	1	2400	Scientific visit to farmers' field	20	190
KisanGosthi	4	600	Farmers visit to KVK	70	1600
Exhibition	4	2400	Diagnostic visits	10	110
Film Show	20	900	Exposure visits	1	60
Farmers Seminar	-	-	Celebration of important days (specify)	10	1550
Workshop	-	-	Krishi Mahotsava		
Group meetings	10	500	Farmer-scientist interaction	2	70
Lectures delivered as resource persons	20	500	SAC meeting	1	30
Newspaper coverage	50		Telephone helpline		
Radio talks	4		KVK-KMA		
TV talks	4		World Soil day	1	50
Popular articles	4		Van Mahotsav	1	50
Extension Literature	4		World Honeybee Day	1	30
			National Agriculture Education Day	1	50
			ICAR foundation Day	1	50
			Parthenium Week	1	200
			Swacchta Week	1	200
			Kisan Divas	1	50
			RAWE Programme	1	50
<b>Total</b>	<b>133</b>	<b>7800</b>		<b>123</b>	<b>4340</b>

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

Crop Group	Crop	Variety	Target Quantity (qtls/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>	Wheat (FS/CS)	Raj-4037	60	ARS,Banswara	480	Yes	16500	RF
<b>Pulses</b>	Gram (BS/FS)	GNG-2144	30	ARS,Banswara	210	Yes	6000	RF
<b>Oilseeds</b>	Soybean (BS/FS)	JS 20-116	30	ARS,Banswara	400	Yes	10240	RF
<b>Seed Spices</b>								
<b>Bulbs</b>								
<b>Tubers</b>								
<b>Others (Fruits)</b>	Mango	Mallika, Dashehari, Langra, Amrapali, etc.	50	KVK, Banswara				RF
	Guava	L-49	100	KVK, Banswara				RF
<b>Total</b>			<b>270 q</b>					
<b>Planting Materials</b>								
<b>Fruits</b>	<b>Crop</b>	<b>Variety</b>	<b>Quantity (Nos.)</b>	<b>Mother orchard in place or not</b>				
	Mango (Grafted)	Mallika, Dashehari, Langra, Amrapali, Kesar etc.	14000	Yes				RF
	Guava (Budded, Air layering)	L-49, Allahabad Safeda	6000	Yes				RF
	Lemon (Air layering)	Kagzi	5000	Yes				RF
	Sapota (Grafted)	Kali Patti	500	Yes				RF
	Papaya (Seeded)	Red Lady-786	20000	-				RF
	Pomegranate (Cutting)	Mradula	1000	Yes				RF
<b>Vegetables</b>	Vegetable (Seedlings)	Tomato, Brinjal, Onion, Chilli	23000	-				RF
<b>Forest Species</b>								
<b>Spices</b>								
<b>Ornamental Plants</b>								
<b>Total</b>			<b>60500</b>					

**D. Publication/documentation targeted**

S.No.	Topic	Number	Time line
1.	10 years of KVK (2015-2025)	100	September 2025
2.	Case Studies	2	October 2025
3.	Success Stories of Farmers Local Innovations	2	October 2025
4.	Registration of Farmers varieties		
5.	Research paper		
	> 6.0 score		
	< 6.0 score	2	
2	Technical reports	15	
3	News letters		
4	Training manual all discipline	2	
5	Popular article	4	
	<b>Total</b>		

**E. Samples for analysis:**

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

**F. Target for Revolving Funds:**

Items	Amount (Rs in lakh)	Utilization for	Amount (Rs in lakh)
Revolving Fund (Rs.) as on 31.03-2024	1931649.67	Infrastructure development in KVK	2.21
Targets kept for 2024-25		Wages for contract staff	4.95
Income generated in 2024-25	1276695.00	Inputs cost of seed production	0.85
Revolving Fund (Rs.) as on 31.03-2025	1671481.67	Wages of laborers in seed production	0.65
Targets of RF for 2025-26	1960000.00	Other contingency expenditure of RF	6.71
		Funds surrendered to SAU/Host Org.	

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