



**DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH,
AKOLA**



KRISHI VIGYAN KENDRA, BHANDARA

Model Village Report 2025



-: Presented by :-

***Dr.Usha R. Dongarwar,
Senior Scientist and Haed
Krishi Vigyan Kendra, Sakoli
BHANDARA***

I. Meeting /Programmes undertaken in model village

2024-25

Sr. No.	Name of programme	Number	No. of participants
1	Training programme	22	351
2	Field and diagnostic visit	18	109
3	Agriculture Method Demonstration	30	100
4	Awareness programme	13	210
5	Farmers Meeting	14	165



Sr. No.	Date of programme	No. of participants	Authority Attended	Subject Disucussed
1	12.01.2024	07	Dr. Pravin Khirari SMS(AHDS)	Method demonstration on cultivation of Hybrid Naiper sets
2	12.01.2024	15	Dr. Pravin Khirari SMS(AHDS)	Training programme on Dairy Farming
3	11.01.2024	05	Dr. Pravin Khirari SMS(AHDS)	Training programme fodder crop cultivation and distribution of Hybrid Naipier
4	11.01.2024	06	Dr. Usha R. Dongrwar,Sr. Scientist and Head	Method demonstration on preparation of vermicomposting
5	15.01.2024	13	Dr. Pravin Khirari SMS(AHDS)	Method demonstration on cultivation of Hybrid Naiper and distribution of Hybrid Naipier sets
6	16.01.2024	15	Shri. Yogesh Mahalle,SMS(Engg.)	Training programme on Importance of drip
7	03.02.2024	29	Dr. Pravin Khirari SMS(AHDS)	Training programme on and method demonstration on Azolla production

Sr. No.	Date of programme	No. of participants	Authority Attended	Subject Discussed
8	26.02.2024	12	Shri. Yogesh Mahalle,SMS(Engg)	Method demonstration on sowing summer sesame
9	18.03.2024	15	Dr. Pravin Khirari SMS(AHDS)	Training programme on use of mineral mixture powder in buffalo feed
10	11.01.2024	13	Shri. Pramod Parwate,SMS(Extn.)	Awareness programme on Swacchata
11	11.01.2024	09	Shri. Pramod Parwate,SMS(Extn.)	Kisan Goshati Programme
12	12.01.2024	08	Shri. Pramod Parwate,SMS(Extn.)	Awareness programme on Swacchata
13	05.06.2024	15	Dr. Prashant Umbarkar,SMS(Plant Protection)	Organized farmers scientist meeting regarding importance of seed treatment and use of IPM in pest management
14	18.06.2024	10	Shri. Yogesh Mahalle,SMS(Engg)	Method demonstration on DSR technology

Sr. No.	Date of programme	No. of participants	Authority Attended	Subject Discussed
15	22.06.2024	36	Dr. Prashant Umbarkar,SMS(Plant Protection)	Training and demonstration programme on Natural Farming
16	27.06.2024	18	Shri. Yogesh Mahalle,SMS(Engg)	Distribution of critical input under FLD Programme
17	28.06.2024	05	Dr. Usha R. Dongrwar,Sr. Scientist and Head	Method Demonstration on Vermicopost Production
18	05.07.2024	27	Dr. Pravin Khirari SMS(AHDS	Organize programme on animal health camp and awareness of vaccination of animal
19	29.07.2024	08	Dr. Prashant Umbarkar,SMS(Plant Protection)	Demonstration under Natural Farming
20	26.09.2024	35	Dr. Pravin Khirari SMS(AHDS	Training programme organized on Enzyme Culture Treatment on dry fodder and Goat Management

Sr. No.	Date of programme	No. of participants	Authority Attended	Subject Discussed
21	22.12.2024 to 26.12.2024	25	Dr. Pravin Khirari SMS(AHDS	Training programme on preparation of value added milk and milk products
22	20.12.2024 to 24.12.2024	25	Smt. Kanchan Tayade,SMS (Horticulture)	Training programme on value addition of fruits and vegetable





Demonstrations on installation of Yellow Sticky Traps at Model Village : Papada Kh



Demonstrations on installation Pheromone Traps at Model Village : Papada Kh

II .Socio Economic Survey of Model Village

Name Of Village	Papulation	No. of farm family/ familie s'	Annual Income per family (lakhs)			Total Income of village (lakhs)		
			2022-23	2023-24	2024-25	2022-23	2023-24	2024-25
Papada Kh	310	75	34517.33	37969.00	46322.18	1,12,15,300	1,23,36,830	1,50,50,932

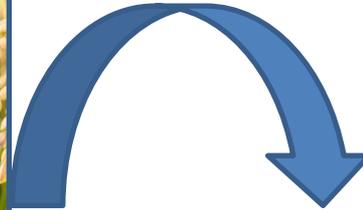


A. Doubling the income of Farmers

I. a) Doubling of crop Production (Enhances 33 percent income) through crop competition

Sr. No.	Crop	No of Farmers Participated	Area (Ha)	Statue of Activity
01	Paddy PDKV,Tilak	14	5.60	Yield increase 26.45 % Demo Yield -43.35 q/ha Check- 34.28 q/ha
02	Chilli Arka meghana	10	1.00	Yield increase 25.35 % Demo Yield -48.2 q/ha Check- 38.45 q/ha
03	Tomato Arka Rakshak	10	1.00	Yield increase 22.13 % Demo Yield -325.2q/ha Check- 266.26 q/ha
04	Maize	13	5.2	Yield increase 21 % Demo Yield -42.35 q Check- 35.00 q

Crop Diversification



Summer Paddy

Maize

Sr. No.	Crop	Area in the 2022-2023	Area in the 2023-2024	Area in the 2024-2025	Status of Activity
	Rabi	ha.	ha.	ha.	Intervention by KVK
1	Maize	10.40	18.80	32.30	Area increase from 10.40 to 32.30

Kharif Crop Competition Results 2024-25

Paddy

Sr. No	Name of Farmers	Village	Mobile Number	Name of Variety	Date of Sowing	Area	Yield q/Acre	Rank
1	Shri. Nitesh Rupchand Zode	Papada Kh	9823774338	Paddy-PDKV Tilak	13.06.2024	0.4	60.50	1 st
2	Shri. Halim Khalil Sheikh	Papada Kh	9823538974	Paddy-PDKV Tilak	12.06.2024	0.4	52.00	2 nd
3	Shri. Namdeo Jagan Sonwane	Papada Kh	9673395105	Paddy-PDKV Tilak	09.06.2024	0.4	49.40	3 rd



IV. Crop competition of winner farmer Kharif 2024-25

Sr. No.	Season	Crop	No of farmers	Area (ha)	Yield/ha (q)
1	Kharif	Paddy-PDKV Tilak	14	5.60	43.35

अ. क्र.	शेतकऱ्याचे नाव	गाव	वाणाचे नाव	क्षेत्र (हेक्टर)
१	श्री. हलीम खलील शेख	पापडा खुर्द	PDKV-तिलक	०.४
२	श्री. नामदेव जागं सोनवाणे	पापडा खुर्द	PDKV-तिलक	०.४
३	श्री. युवराज गोपीनाथ लांजेवार	पापडा खुर्द	PDKV-तिलक	०.४
४	सौ. इंदुबाई मानिराम लंजे (मीनाक्षी)	पापडा खुर्द	PDKV-तिलक	०.४
५	श्री. एकनाथ आत्माराम लांजेवार	पापडा खुर्द	PDKV-तिलक	०.४
६	सौ. ललिता एकनाथ लांजेवार	पापडा खुर्द	PDKV-तिलक	०.४
७	सौ. वच्छला सीताराम झोडे	पापडा खुर्द	PDKV-तिलक	०.४
८	सौ. निर्मला निरंजन कापगते	पापडा खुर्द	PDKV-साधना	०.२
९	सौ. पारबता चमरू झोडे	पापडा खुर्द	PDKV-तिलक	०.४
१०	श्री. मारोती चमरू झोडे	पापडा खुर्द	PDKV-तिलक	०.४
११	श्री. हरी गोपीनाथ लांजेवार	पापडा खुर्द	PDKV-तिलक	०.४
१२	सौ. कुंदा हरी लांजेवार	पापडा खुर्द	PDKV-तिलक	०.४
१३	श्री. हरी गोपीनाथ लांजेवार	पापडा खुर्द	PDKV-तिलक	०.४
१४	श्री. नितेश रुपचंद झोडे	पापडा खुर्द	PDKV-तिलक	०.४

I. b. Doubling of Crop Production (Enhances 33 Percent income) through providing technical know how

S.N.	Activity	No. of Beneficiaries	Remark
1	Paddy – PDKV Tilak	15	Fine, high yielding, less occurrence of pest and disease
2	Assessment of Direct drilling in friable soil by Seed Drill at the onset of monsoon with pre-emergence application of Pendimethalin at 1.0 kg/ha	13	Due to application of Pendimethalin in drill rice reduce cost of cultivation and increase yield and net income
3	Management of Plant hopper on Paddy with application of bio-pesticide Metarhizzum ansopilli @ 2.5 Kg per ha.	13	Effectively reduced the infestation BPH on paddy, cheapest technology
4	Release of Trichograma japonicum & 60000/acre after 30 DAT at 7 days interval.	15	Very effective against paddy Stem borer, cheaper technology
5	Seed treatment with Carboxin 37.5% + Thirum 37.5% WS @ 3 gmfb Seed treatment with Trichoderma @ 10 gm per Kg seed for Management of Wilt in Chickpea	30	Very effective for wilt/root rot disease in chickpea
6	Line transplanting in paddy	10	Growth and development of crop is better. It leads to increasing No. of tillers. Easy for intercultural and input application.

7	Alley ways method of paddy transplanting	35	Very effective against BPH, Easy for intercultural and input application.
8	DSR method of sowing in Paddy	05	Cost of cultivation reduce and more profit
9	Rice Grain Planter for drill rice sowing	05	The cost of operations reduces 7200 per/ha. Along with 25 kg/ha seed and 17 hr/ha time saving over farmers practice
10	Seed cum fertilizer drill for sowing of crops	10	The use of Seed cum fertilizer allows early sowing and saves irrigation required for seed germination as in traditional sowing.
11	Azolla Production	16	1) Cheaper Technology 2)Increases milk yield 16.68 3) Easy for production
12	Assessment on high yielding varieties of chilli for improvement in yield variety Arka Meghana	10	High yielding, Triple diseases resistance, Yield increase 25.35
13	Assessment on disease resistance high yielding varieties of tomato for improvement in yield Arka Rakshak	10	High yielding, diseases resistance, Yield increase 22.13



Yield increases due to adoption of KVK interventions.



II. a) Reduce the cost of cost production by 50 per cent (Enhances 33 percent income) through Mechanization/weedicides/home made pesticides

Sr. No.	Name of equipment	Name of provider (Organization/ company)	Quantity	No. of framers Benefitted	Remark
01	Maize Planter	BUYER/KVK	01	10	
02	Rice Grain Planter	KVK	01	13	
03	Cono Weeder	KVK	02	15	
04	Dashparni Ark prepared by farmers	KVK	150 lit	67	



DSR in Model Village

Shri. Haribhau Lanjewar Area -5 Acre



**Seed Saving 5 to 7 Kg/ha, Time
Saving 6.5 hr/ha and Cost Reduced
Rs 5000 to 7000 /ha**



Demonstrations on Preparation of Dashparni Ark at Model Village : Papada Kh



Demonstrations on Safe Use of Pesticides at Model Village : Papada Kh

II. b) Reduce the cost of cost production by 50 per cent (Enhances 33 percent income) through Development of Integrated Farming System

Sr.No.	Name of Activity	Target	Target achieved	Remark
1	Dairy unit	10	18	
2	Goat unit	10	12	
3	Poultry Unit	10	12	4 Farmers having more than 25 birds
4	Vermi composting	10	10	
5	Silage production	05	00	
6	Composting	10	02	
7	Sericulture	05	00	
8	Azolla Unit	10	10	
9	Fodder Demonstration Unit	10	03	
10	Shingada		01	



III) Increasing the income through Vale Addition (Enhances 33 percent income)

Sr. No.	Activity	Progress
01	Training programme on preparation of value added milk and milk products	Conducted 05 days Skill Training Programme at Model Village 2024
02	Training programme on value addition of fruits and vegetable	Conducted 05 days Skill Training Programme at Model Village 2024



Production to Marketing Chain

Sr. No.	Name of Activity	Progress	Remarks
1	Grading	---	02 Training and Awareness programme conducted in Vegetable
2	Milling	Paddy Processing PDKV-Tilak 10 quintal	6 q rice Sale in District Exhibition and local market
3	Processing	30 liter of Safflower Oil	Extracted oil and sale in local market
		PDKV-Tilak 6 quintal	Sale in District Exhibition and local market
		--	5 days Skill base Training conducted regarding Fruit and Vegetable processing
		Prepared and Selling in Local Market	5 days Skill base Training conducted on preparation Milk Product



झाडीपट्टी तांदूळ

मॉडेल व्हीलेज : पापडा/खुर्द

BHANDARA RICE

शेतकऱ्याचे नाव : श्री हरी गोपीनाथजी लांजेवार
पत्ता : मु.पो.पापडा/खुर्द, ता.साकोली, जि.भंडारा (महाराष्ट्र)

संपर्क क्र. 9302001998

वजन : २५ किलो
घाण : पिडीकेव्ही तिलक
किंमत :



**Brand
Name**



झाडीपट्टी तांदूळ

मॉडेल व्हीलेज : पापडा/खुर्द

BHANDARA RICE

शेतकऱ्याचे नाव : श्री हलिम शेख
पत्ता : मु.पो.पापडा/खुर्द, ता.साकोली, जि.भंडारा (महाराष्ट्र)

संपर्क क्र. 9823598974

वजन : २५ किलो
घाण : पिडीकेव्ही तिलक
किंमत :



Development of Integrated Farming System

Sr.No.	Name of Activity	Target	Target achieved	Remark
1	Dairy unit	10	18	
2	Goat unit	10	12	
3	Poultry Unit	10	12	4 Farmers having more than 25 birds
4	Vermi composting	10	10	
5	Silage production	05	00	
6	Composting	10	02	
7	Sericulture	05	00	
8	Azolla Unit	10	10	
9	Fodder Demonstration Unit	10	03	
10	Shingada		01	



Development of Integrated Farming System

Sr. No.	Name of Farmer	Number of Plants of Palas	Production of Lac	Status of Activity
1	Lac Culture			
	Shri. Rajendra Kashiram Bonsod Shri. Nilamkumar Kashiram Bonsod	100	147 Kg	Got additional income of Rs. 44100/- from lac cultivation



Other Activities

1. Custom Hiring Center

Sr. No.	Name of Equipments	Name of Provider/ Organization/ Company	Quantity	No. Of Farmers Benefited	Remark
1	Maize Planter	BUYER/KVK	01	10	
2	Rice Grain Planter	KVK	01	13	
3	Tractor	Agri. Department /own	9	250	
4	Thresher	Agri. Department	3	35	
5	Cage wheel.	Agri. Department / own	9	152	
6	Cultivator	Agri. Department /own	9	110	
7.	Battery Opt. spray Pump	Agri. Department	13	52	
8	Tractor Trolley	Agri. Department /own	7	10	
09	Cono Weeder	KVK	02	15	

Micro Irrigation

Sr. No.	Name of Equipments	Name of Provider/organisation/company	Name of crop	Area covered	Remarks
1	Drip set	State Dept. Of Agriculture	Mango	0.40	Praposal Submitted
2	Sprinkler set	State Dept. Of Agriculture	Maize	0.80	Praposal Submitted
3	Rain spray	----	--	--	--
4	Solar Pump	State Dept. Of Agriculture	Paddy/ Maize	12.20 ha	
5	Irrigation Through PVC pipe	Own	Paddy/ Maize	25.70 ha	



पंजाबराव देशमुख कृषि विद्यापीठ, अकोला
कृषि विज्ञान केंद्र, साकोली, जि.भंडारा



कस्टम हायरिंग सेंटर

शेतकऱ्यांनी शेतकऱ्यांसाठी शेतकऱ्यांकडून चालविलेले केंद्र
गावाचे नाव : पापडा/बु.



2.Organization Development

Sr. No.	Organisation	Number	Remark
1	FPO	--	FPO is in Shivanibhandh near at Papda
2	PPC	--	
3	SHG	08	
4	Farmers Club	01	
5	Youth Club	01	

3.CAPACITY BUILDING

Sr. No.	Organisation	Number	Remark
1	Trainings	22	
2	Farmer Scientist Forum	03	
3	Demonstrations	12	
4	Publications Folders	07	
5	News Papers News	15	
6	Field Day	02	
	Success Story	02	

Model Village demanded of Sex sorted semen for Artificial Insemination in Livestock

Name of Activity	Before	After
AI in Cows and Buffalo by using Sex sorted semen (9-Sahiwai) (1-Murrha)	00	10



कृषी विज्ञान केंद्र, साकोली तर्फे भंडारा जिल्ह्यातील शेतकऱ्यांना गाय व म्हशी यामध्ये कृत्रिम रेतन करणे करिता लिंग विनिश्चित रेत मात्रांचा वापर करणेकरिता मार्गदर्शन करण्यात आले आणि त्यास पशुपालकांनी प्रतिसाद देत एकूण ४४ रेतमात्रा करिता अग्रीम स्वरूपात शुल्क जमा केलेले आहे.

Success Stories Broadcasted and Awards Received

	Name of Farmers	Topic	Media
01	Shri. Nitesh Zode	Alley ways method	DD Sahayadri (11.12.2024)
02	Shri. Hariji Lanjewar	Maize Cultivation	AIR, Nagpur (31.12.2024)
03	Shri. Halim Khalil Shekh	Organic Paddy Cultivation	AIR, Nagpur (12.10.2024)
04	Shri. Hariji Lanjewar	Maize Cultivation	DD Sahayadri (05.03.2025)
Awards			
05	Shri. Nitesh Zode	1 st Prize in Crop Competition conducted by Dr. PDKV,Akola	
06	Shri. Halim Khalil Shekh	2 nd Prize in Crop Competition conducted by Dr. PDKV,Akola	



प्रसारण - बुधवार दि. 5.3.25 सायंकाळी 6.30 वाजता

प्रसारण - बुधवार दि. 11.12.24 सायंकाळी 6.30 वाजता

Nanaji Deshmukh Krushi Sanjivani Prakalp (PoCRA)



Latitude: 20.982829
Longitude: 80.024648
Elevation: 263.69±9 m
Accuracy: 15.3 m
Time: 29-04-2025 18:32
Note: नानाजी देशमुख कृषि संजीवनी प्रकल्प, ग्राम कृषि व समिती मसाल फेरी पापडा / खुर्द

Powered by NoteCam



Latitude: 20.982348
Longitude: 80.024708
Elevation: 257.36±10 m
Accuracy: 9.4 m
Time: 29-04-2025 18:51
Note: नानाजी देशमुख कृषि संजीवनी प्रकल्प, ग्राम कृषि व समिती मसाल फेरी पापडा / खुर्द

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➤ Selected Model village Papada Kh. for *Nanaji Deshmukh Krushi Sanjivani Prakalp (PoCRA)*

➤ Micro Planning work started

➤ DPR Work Started with help of villagers

Activities Carried out by Agriculture Department in Model Villages Papada Kh.

Sr.No.	Name of Activity	Number	Beneficiaries
1	Farm School on Paddy	01	25
2	Demonstration on Paddy	25	25
3	Soil Testing	110	110
4	PoCARA	01	--



Proposed Action Plan/ Activities 2025-26

I. Meeting /programmes in model village 2025-26

Sr. No.	Date of programme	No. of Prog./ No. of participants	Authority attended	Subjects discussed
1	January 2025-December 2025	100/940	KVK Staff & other line departments	INM in Paddy, IPM in Paddy, DSR, Soil Testing, OFT, FLD, Training, CFLD, Demonstrations, Natural Farming, Fodder Production, Azolla, Value addition in Milk and fruit crops and Shingada

II. Socio economic survey in model village 2025-26

Name of village	Papulation	No. of family/ families	Annual Income family (daily)	Total Income of village (daily)
Papda kh	310	75	-	-
Increase Annual Income family (daily)				

I. b. Doubling of Crop Production (Enhances 33 Percent income) through providing technical know how

S.N.	Activity	No. of Beneficiaries	Remark
01	<p>OFT, FLD, INM in Paddy, IPM in Paddy, DSR, Training,CFLD, Demonstrations, Natural Farming, Fodder Cultivation,Seed Treatment, Use of Bio Fertilizer and Bio Pesticides, Azolla, Value addition in Milk and fruit crops and Shingada cultivation</p>	110	<p>Dr. PDKV, Akola Recommended Technology given to Model Village Farmers</p>

III. Kharif Crop competition 2025-26

Sr. No.	Season	Crop	Area (ha)
1	Kharif	Paddy- PDKV-Tilak	12.00
		PDKV Sadhana-DSR	5.00
2	Rabi	Maize- Arambha	5.00

II. b) Reduce the cost of cost production by 50 per cent (Enhances 33 percent income) through Development of Integrated Farming System

Sr.No.	Name of Activity	Target
1	Dairy unit	05
2	Goat unit	05
3	Poultry Unit	05
4	Vermi composting	05
5	Composting	05
6	Azolla Unit	05
7	Fodder Demonstration Unit	05
8	Shingada	02

Production to marketing chain

Sr. No.	Name of activity	Activities	Remarks
1	Grading	Paddy Seed Grading	Collaboration with KVK and DSAO
2	Milling	PDKV Dal Mill Oil Mill	Collaboration with KVK and DSAO
3	Processing	05 training programme on value addition	Training programme Jam, Jelly, Candy, Ketchup
4		Branding and Packaging	Collaboration with KVK and DSAO
5	Seed production	Seed Production of Paddy and Linseed	Collaboration with Mahabeej

Custom Hiring Centre

Sr. No.	Name of Equipments	Name of Provider organisation company	Quantity
01	Rotavator	DSAO and KVK, Sakoli	01
02	Zero Till Seed Drill	DSAO and KVK, Sakoli	01
03	Combine Harvester	DSAO and KVK, Sakoli	01

Organization Development

Sr. No.	Organisation	Number	Remark
1	FPO	01	
2	PPC	01	
3	SHG	02	
4	Farmers Club	01	
5	Youth Club	01	

CAPACITY BUILDING

Sr. No.	Organisation	Number	Remark
1	Trainings	30	
2	Farmer Scientist Forum	02	
3	Demonstrations	25	
4	Publications Folders	10	
5	News Papers News	25	
6	Field Day	05	
	Success Story	05	



धन्यवाद !