

# Model Village Review Meeting

## I Meeting /programmes undertaken in model village

Sr. No.	Date of programme	No. of participants	Authority attended	Subjects discussed
1	09.02.2023	25	Senior Scientist & Head & KVK Team	CFLD oil seed (Sesame)
2	16.03.2023	27	Senior Scientist & Head & KVK Team	Training Programme reg. Demonstration
3	18.03.2023	110	Hon'ble Vice Chancellor Dr Sharadrao Gadakh sir, Dr PDKV Akola, in auspicious presence of Shri. Kisanrao Mule, JDA, Department of Agriculture, Amravati, Resp. Dr. D. B. Undirwade, Director of Extension Education, Dr. PDKV, Akola, Shri.Thosar, Divisional Manger , MAIDC , Amravati, Smt Jyotyta Kale, Sarpancha, Dr P. V. Yadgirwar , ADR, ZARS, Yavatmal, Dr S. U. Nemade, Senior Scientist and head KVK, Yavatmal, Shri Shinde, District. Sericulture Officer, Shri Gawande, TAO	Model Village Concept
4	10.05.2023	31	Senior Scientist & Head & KVK Team	Farmer Training
5	12.05.2023	27	KVK Scientist & Reliance officer	Farmer Training
6	18.05.2023	53	Senior Scientist & Head & KVK Team	Awareness Campaign- Soil Testing
7	05.06.2023	85	Senior Scientist & Head & KVK Team	Kharif Melawa
8	09.06.2023	37	KVK Scientist & Dept of AHDS	Animal Health Check Up Camp
9	16.06.2023	29	Senior Scientist & Head & KVK Team	Seed Distribution
10	05.07.2023	23	Senior Scientist & Head & KVK Team	BBF Technology
11	02.08.2023	20	Senior Scientist & Head & KVK Team	Training on processing
12	18.08.2023	39	Senior Scientist & Head & KVK Team	Exposure Visit to Demon. Plot
13	02.09.2023	157	Senior Scientist & Head & Hon'ble Dr. C.D. Mayee sir	One Day Workshop on Management of pink bollworm in Cotton
14	23.09.2023	35	Senior Scientist & Head & KVK Team	National Nutrition Month September 2023
15	07.10.2023	58	Senior Scientist & Head & KVK Team	World Cotton Day
16	12.10.2023	37	Senior Scientist & Head & Dr. Umesh Chinchmalaspure CEO, Dr. PDKV, Akola	Drone Demonstration & Visit of CEO of Dr. PDKV in model village

17	16.10.2023	20	Senior Scientist & Head & KVK Team	World Food Day
18	01.11.2023	50	KVK Scientist & Reliance officer	Azolla Production Technology
19	10.11.2023	37	Senior Scientist & Head & KVK Team	Rabi Melwa
20	01.12.2023	22	Senior Scientist & Head & KVK Team	Scientific method of food grain storage
21	06.03.2024	32	Senior Scientist & Head & KVK Team	Nutritional importance of soybean, its health benefits
22	14.03.2024	28	Senior Scientist & Head & KVK Team	Vermi compost technology
23	21.05.2024	70	Senior Scientist & Head & KVK Team	Kharif Melawa
24	22.06.2024	40	Senior Scientist & Head & KVK Team	Seed Treatment
25	22.06.2024	52	Senior Scientist & Head & KVK Team	Manual Seed dibbler
26	16.07.2024	17	Senior Scientist & Head & KVK Team	Mushroom production
27	23.07.2024	25	Senior Scientist & Head & State Veterinary Department and Reliance foundation Yavatmal .	Animal Health Checkup and De - warming camp
28	24.08.2024	13	Senior Scientist & Head & KVK Team	distributed Trichocards
29	19.08.2024	21	Senior Scientist & Head & KVK Team	Nutrition Garden
30	30.08.2024	12	Senior Scientist & Head & KVK Team	RAWE student field visit
31	04.09.2024	14	Senior Scientist & Head & KVK Team	Nutrition Week
32	12.11.2024	19	Senior Scientist & Head & KVK Team	Effect of heat treatment on shelf life /keeping quality of Pearl millet flour
33	19.11.2024	30	Senior Scientist & Head & KVK Team	scientific method of storage of food grain
34	03.12.2024	08	Senior Scientist & Head & KVK Team	Field Visit & Group Meeting
35	04.02.2025	25	Senior Scientist & Head & KVK Team	Seed Distribution Sesame
36	25.02.2025	32	Senior Scientist & Head & KVK Team	Field Day Chick pea Crop
37	17.04.2025	03	Senior Scientist & Head & KVK Team	Field Visit Dal mil, Sericulture unit etc

## II Socio economic survey of model village

Name of village	Papulation	No. of family/ families'	Annual Income per family (lakhs)	Total Income of village (lakhs)
Mahamdpur	630	175	90000 to 1,00,000	1,74,05,000

## III ) Socio economic distribution of farmer families with allied enterprises

No of family	175	(Rs.)	Total income (Rs)
Agriculture based families	120	90000 to 1Lac	1,14,00,000
Agriculture + Business	13	1,00000 to 1,50,000	16,25,000
Agriculture + Service	02	3,00,000 to 5,00,000	8,00,000
Agriculture + Processing business	02	1,50,000 to 2,00,000	3,50,000
Farm labourers family	38	80000 to 90000	32,30,000

Name of Village	Population	No. of farm family families	Annual Income per family			Total income of village		
			2022-23	2023-24	2024-25	2022-23	2023-24	2024- 25
Mahamadpur	630	175	90000 to 100000	105000 to 110000	11000 to 115000	1,74,05,000	1,90,55,000	--

## IV Crop competition of winner farmer

Sr. No.	Name of Farmer	Crop	Area(ha)	Yield Received(q)	Yield/ha (q)
	<b>2023-24</b>				
<b>1</b>	<b>Kharif (soybean)</b>				
1	Vitthal Jagannath Mundle	Soybean	0.40	10.00	25
2	Mangesh Purushhotam Devtale	Soybean	0.40	07.00	17.5
	<b>2024-25</b>				
<b>1</b>	<b>Kharif (soybean)</b>				
1	Sunil Vitthal Kale	Soybean	0.40	12.00	30.0
2	Vitthal Jagannath Mundle	Soybean	0.40	09.50	23.75
<b>2</b>	<b>Rabi (Chick pea)</b>				
<b>1</b>	Sharad Solanki	Chick pea	0.40	9.6	-
<b>2</b>	Sudhakar Kale	Chick pea	0.40	8.8	--

**I. b.) Doubling of Crop Production (enhances 33 percent income) through providing technical know how**

<b>Sr. No.</b>	<b>Activity</b>	<b>No. of beneficiaries</b>	<b>Remarks</b>
01	Distribution of Trichocards in Cotton	13	Low cost management of Pink Bollworm
02	Seed Treatment in Soybean	25	Lowest infestation of Stem Fly in Soybean
03	Seed treatment in Pigeon pea, Chickpea	13	Lower infestation of Root rot, Wilt and Color rot
04	Soil application of Trichoderma 2 kg in 40 kg FYM in Pigeonpea and Chickpea	13	Lower infestation of Root rot, Wilt and Color rot
05	Integrated Crop management of Soybean	50	Introduction of New Soybean Variety in Village
06	Assessment of heat treatment in improving the shelf life of pearl millet flour (Bajara) at Mahmadpur (Pod)	03	Self life of Bajara Flour increased
07	Assessment of Application of custard apple seed powder packed in cotton cloth @ 15g/kg of stored pigeon pea is recommended for management of pulse beetle.	05	No store grain pest found in pigeon pea
08	Demonstration on Kitchen / Nutrition Gardening	25	Increase in intake of fresh vegetable in daily diet save in expenditure of vegetable purchase.
09	Use of balance feeding in ration in cow	13	Feeding cost decreased by 12 -15 % due to azolla technology
10	Supplementation of mineral lick block to local cow	13	Mortality is decreased & frequency of gynecological problem decrease by 5-10 %
11	Popularization of improved breed for backyard poultry	13	Enhance eggs production by 10-12%
12	Assessment of Manual Precision Seed Planter	10	Saving in Labour
13	BBF planter of Sowing of soybean	10	Increase in yield up to 16% than tradition Practice

## Custom Hiring Centre

SN	Name of Equipment	Name of Provider/organisation	Quantity	No. of Farmers benefitted
1	Broad Bed Furrow Planter	KVK Yavatmal	01	10
2	Manual Precision Seed Planter (Rotary Dribbler )	KVK Yavatmal	02	20
3	Seed Treatment drum	KVK Yavatmal	02	30
4	PDKV Solar Animal Deterrent devices	KVK Yavatmal	10	10

## Micro Irrigation

Sr. No.	Name of Equipment's	Name of Provider/organisation	Name of crop	Area covered	Remarks
1	Drip set	Agricultural Dept.	Sugarcane	1.00	Introduce sugarcane crop under drip irrigation
2	Sprinkler set	Agricultural Dept.	Bengal gram	4.80	Dept Agril on Subsidy

## Production to marketing chain

Sr. No.	Name of activity	progress	Remarks
1	Grading	--	
2	Processing- Dal Mil unit	01	
3	Milling	--	
4	Seed production	11 ha	
5	Others	--	

## Development of Integrated Farming System

Sr.No.	Name of Activity	Target	Target achieved	Remark
1	Dairy unit	10	05	2 farmers got subsidy
2	Goat unit	10	06	3 farmers got subsidy
3	Poultry unit 5000 birds	10	07	3 farmers got subsidy
4	Vermicompost	10	10	04 farmers successfully saved Rs 5000 on fertilizer application
5	Silage production	05	05	--
6	composting	10	01	--
7	Sericulture	05	04+09*	--
8	Azolla Unit	10	15	--
9	Fodder Demonstration Unit (DHN 10)	05	15	--
10	Nutrition Garden	15	35	--
11	On Farm Bio Control Laboratory	0	01	Established With the Help State Agriculture Dept.

### III) Increasing the income through Value Addition (enhance 33 percent income)

Sr. No.	Activity	Progress
01	PDKV Mini Dal Mill Unit Farmer Name – Arvind Kale Year of Establishment 2021-22	Started Dal Processing in 2025 Till 11 q Dal was Prepared with the rate of 130/- of Rs. With 1,43,00/- Tur Purchased 16 q with the rate @ 7500/- q of Rs.1,20,000/- <u>Net Profit 23,000 Selling of Dal</u> Profit by Tur Dal Processing from farmers Own Tur – 45000/- (@450/qt) Total Income generated by Value addition -68000/- (Last Two Month)

### Organization Development

Sr. No.	Organisation	Remark
1	FPO	KVK work for joining as a member in krushival babhulgaon company ltd established by AFARM
2	PPC	--
3	SHG	11 (UMED) already established
4	Farmers Club	01
5	Youth Club	01

### X CAPACITY BUILDING

Sr. No.	Organisation	Remark
1	Trainings	36
2	Demonstrations	29
3	Publications Folders	09
4	News Papers News	11
5	Field Day	03
6	Success Story	04

### Present situation of model village

Intervention	Before	After	Output /Adoption
Cotton crop	Pink bollworm infestation, Ratooning	<ul style="list-style-type: none"> <li>• Crop Rotation</li> <li>• IPM Technology</li> </ul>	Rs 3000-4000 saving in cost of cultivation & 1 to 1.5 quintal increase in yield per acre
	High cost of Cultivation on Crop management	<ul style="list-style-type: none"> <li>• Use for pheromone trap</li> <li>• Trichocards</li> </ul>	
Soybean	Use old variety (JS-335)	Use Variety PDKV AMBA	1.5 to 2.00 quintal increase in yield per acre
	Traditional sowing	Farm mechanization (BBF, Dibbling)	
	No seed treatment	90 % Seed treatment	
	High cost of Cultivation on Crop management	Low cost IPM Technology	
Pigeon pea	Use old variety (Maroti/ private company )	Use Variety BDN-716	1.5 to 2.00 quintal increase in yield per acre
	Traditional sowing	Dibbling	
	No seed treatment	90 % Seed treatment	
	--	Topping	
	Excessive expenses of IPM	Low cost IPM Technology,	
Chick pea	Use old variety (private company seed)	Use Variety PDKV Kanak	1.5 to 2.00 quintal increase in yield per acre
	Traditional sowing	Farm mechanization (BBF, Dibbling)	
	No seed treatment	90 % Seed treatment	
	Excessive expenses of IPM	Low cost IPM Technology	
Summer Sesame	No area under this crop		
	few area	Presently cultivate 45 acre	Comparative crop for groundnut
	--	Low cost of cultivation technology	Increase in cropping intensity
Dairy & poultry	--	Vaccination	As 5 % increase milk production
	--	Azolla feed	Increase 7 % total income
	--	Fodder cultivation	

	--	Start-up Poultry bird unit (5000)	
Farm mechanization	-	BBF, Dibbler	Reduction in seed rate, Increase in crop production
		Seed treatment drum	Promoting seed treatment
		Wild animal deterrent	Management of wild animal
Sericulture	-	04 rearing unit under construction 09 under process	In process
Vermicompost	--	08 unit start	04 unit will be start saving Rs 5000
Nutrition Garden	--	35 nutrition garden establishment	Intake of vegetable in daily diet
	--		Improve health status
	--		Reduce expenditure vegetable purchase
	--	Demo on saving grain bag	Decrease storage loss of food grain



