

ACHIEVEMENT REPORT OF KVK, MAYURBHANJ-II
APRIL, 2017 TO MARCH, 2018

A. (i) Training for farmer & farm women

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Mayurbhanj-II	Crop production						
Mayurbhanj-II	Crop protection	9	129	96	15	136	225
Mayurbhanj-II	Horticulture	7	90	85	13	96	175
Mayurbhanj-II	Soil Science						
Mayurbhanj-II	Animal Science						
Mayurbhanj-II	Fishery Science						
Mayurbhanj-II	Home Science	11		275	23	159	275
Mayurbhanj-II	Extension Education						
Mayurbhanj-II	Agriculture Engineering	9	161	64	20	109	225
	Total	36	380	520	71	500	900

(ii) Training for rural youth

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
Mayurbhanj-II	Crop production						
Mayurbhanj-II	Crop protection						
Mayurbhanj-II	Horticulture	2	21	9	8	15	30
Mayurbhanj-II	Soil Science						
Mayurbhanj-II	Animal Science						
Mayurbhanj-II	Fishery Science						
Mayurbhanj-II	Home Science	2	6	24	8	17	30
Mayurbhanj-II	Extension Education						
Mayurbhanj-II	Agriculture Engineering	1	15			13	15
	Total	5	42	33	16	45	75

(iii) Training for Extension personnel

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	S.C.	S.T.	Total
Mayurbhanj-II	Crop production						
Mayurbhanj-II	Crop protection						
Mayurbhanj-II	Horticulture	2	36	4	4	12	40
Mayurbhanj-II	Soil Science						
Mayurbhanj-II	Animal Science						
Mayurbhanj-II	Fishery Science						
Mayurbhanj-II	Home Science	2	16	18	11	11	34
Mayurbhanj-II	Extension Education	2	34	10	3	15	44

Mayurbhanj-II	Agriculture Engineering	2	33	7	8	9	40
	Total	8	119	39	26	47	158

(iv)Sponsored training : NIL

KVK	Discipline	No. conducted	Duration (days)	No. of beneficiary					Sponsoring agency
				Male	Female	S.C.	S.T	Total	
Mayurbhanj-II	Crop production								
Mayurbhanj-II	Crop protection								
Mayurbhanj-II	Horticulture								
Mayurbhanj-II	Soil Science								
Mayurbhanj-II	Animal Science								
Mayurbhanj-II	Fishery Science								
Mayurbhanj-II	Home Science								
Mayurbhanj-II	Extension Education								
Mayurbhanj-II	Other								
	Total	00	00	00	00	00	00	00	00

B. (i) On-Farm Testing

KVK	Discipline	No. conducted	Area (ha)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Mayurbhanj-II	Crop production								
Mayurbhanj-II	Crop protection								
Mayurbhanj-II	Horticulture	2	0.2		10			4	10
Mayurbhanj-II	Soil Science								
Mayurbhanj-II	Animal Science								
Mayurbhanj-II	Fishery Science								
Mayurbhanj-II	Home Science	2		10		10	1	9	10
Mayurbhanj-II	Extension Education								
Mayurbhanj-II	Agriculture Engineering	2	2.0		10			4	10
	Total	6	2.2	10	20	10	1	17	30

(ii) Salient achievements of On –Farm Testing (OFT)(Best three)

KVK	Crop/ Component	Technology Assessed	Farmers' practice	OFT yield (q/ha)	Yield in farmers' field (q/ha)	% increase in yield
Mayurbhanj-II	Mustard	TO₁: Conventional tillage with sowing by tractor drawn 9	Sowing by broad casting method in residual	TO ₁ - 6.5 TO ₂ - 5.8	4.7	TO ₁ - 38 TO ₂ - 23

		rows seed cum fertilizer drill – Row to row 30 cm, seeds and fertilizers are sown in 9 rows TO₂ : Tractor drawn zero till seed cum fertilizer drill – Seeds and fertilizers are sown in 9 rows, Row to row 30 cm in residual moisture of field	moisture			
Mayurbhanj-II	De-Worming of Goat	TO₁ : Mineral mixture – Agrimin forte @ 10-15 gm/day/goat TO₂ : De-worming – Neomec @ 1 ml/25kg bodyweight and Kalbend 1tablet/big size goat and ½ tablet/small size goat TO₃ : Mineral mixture and de-worming - Agrimin forte @ 10-15 gm/day/goat and Neomec @ 1 ml/25kg bodyweight and Kalbend 1tablet/big size goat and ½ tablet/small	No supplementary feeding	TO₁ - 20.05 kg TO₂ - 21.07 kg TO₃ - 23.08 kg	10 kg	TO₁ - 105.0 TO₂ - 110.7 TO₃ - 130.8

		size goat.				
Mayurbhanj-II	Tomato	TO ₁ : Utkal Pragyan - Duration 90-95 days, determinant growth habit, tolerant to bacterial wilt, yield potential 400-130 qtl/ha. TO ₂ : Utkal Raja - Duration 95-100 days, cluster bearing, tolerant to bacterial wilt, yield potential 350-400 qtl/ha.	Use of local non descriptive varieties	TO ₁ - 403 TO ₂ - 357	107	TO ₁ - 276 TO ₂ - 233

C. (i) Frontline demonstration (general)

KVK	Discipline	No. conducted	Area (ha.)	Enterprise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
Mayurbhanj-II	Crop production								
Mayurbhanj-II	Crop protection	1	1		5			3	5
Mayurbhanj-II	Horticulture	2	0.8		10			4	10
Mayurbhanj-II	Soil Science								
Mayurbhanj-II	Animal Science								
Mayurbhanj-II	Fishery Science								
Mayurbhanj-II	Home Science	3	0.4	10	3	27	2	24	30
Mayurbhanj-II	Extension Education								
Mayurbhanj-II	Agriculture Engineering	4	7.0		40	2	1	18	40
	Total	10	9.2	10	58	29	3	49	85

(ii) Salient achievements of frontline demonstration (general) (Best three)

KVK	Title	Intervention	FLD yield (q/ha)	Local check yield(q/ha)	% increase in yield over local check
Mayurbhanj-II	Demonstration on use of power ridger in maize	Weeding and ridging is done simultaneously by this self propelled power ridger operated by 5 hp petrol engine	30.3	28.1	7.0
Mayurbhanj-II	Demonstration on year-round nutritional gardening in backyard	Nutritional Gardening in proper lay out involving vegetables and fruits for getting available nutrition year round	37 q/0.4 ha	8.2 q/0.4 ha	351.0
Mayurbhanj-II	Demonstration on high yielding chilli variety, Utkal Rashmi	Planting on ridges, seed rate 500g/ha, 30 days old seedling, spacing 75x60 cm, soil test based fertilizer application	104.0	67.0	55.0

D. (i) Frontline demonstration on cluster oilseed & pulse

KVK	Crop	Area (ha)	Variety	No. of beneficiary				
				Male	Female	SC	ST	Total
Mayurbhanj-II	Groundnut	10	Devi (ICGV-9114)	42	5		47	47
Mayurbhanj-II	Chickpea	30	JAKI-9218	97	4		101	101

(ii) Salient achievements under FLD on cluster oilseed and pulse

KVK	Crop	Intervention	FLD yield(q/ha)	Local yield(q/ha)	% increase in yield over local
Mayurbhanj-II	Groundnut	Seed treated with Carbendazim @2 gm/kg seed, Line sowing by seed-cum-fertilizer drill , Weed management by Quizalfop ethyl@ 1.0 lit/ha , Chloropyriphos 10G @ 25 kg/ha, Fertilizer application N:P:K 20:40:40 kg/ha	12.3	9.7	26
Mayurbhanj-II	Chickpea	JAKI-9218 ,seed treatment by trichoderma followed by Rhizobium@10 gm/kg.line sowing(,spacing=30cmx10 cm)	11.85	7.5	58

E. Other extension activities

Sl.No.	Extension activities	No.	Beneficiary
1	Exhibition	1	242
2	Field days	3	130
3	Special day celebration	9	815
4	Radio talk	1	Mass
5	Television talk	-	-
6	Scientists visit to farmers' field	186	821
7	Kissan Gosthi	-	-
8	No. of farmers visit to KVK	3231	3231
9	Farmers' club meetings held	-	-
10	SHG convention	-	-
11	Ex – trainees sammelan	-	-
12	Film show	20	312
13	Group meeting	-	-
14	Lectures delivered as resource person	25	730
15	Animal Health Camp	1	50
16	Diagnostic Visit	23	218

F. Publication

Sl.No.	Item	No.	No. of copies printed
1	Book/ Booklet	-	-
2	Leaflets	2	1000
3	Poster/Flex	6	6
4	News letter	1	250
5	News paper Coverage	7	Mass
6	Popular Articles	-	-
7	Technical bulletins	-	-
8	Technical report	5	35
9	Training material	20	500
10	Year planner	1	50
11	CDs/ DVDs	-	-
	Total	42	1841

G. Soil and water sample analysis

KVK	Soil				Water				Grand total (soil + water)	No. of soil health card issued
	Tested in KVK lab.	Tested by Mrida Parikhyak	Tested outside	Total	Tested in KVK lab.	Tested by Mrida Parikhyak	Tested outside	Total		
Mayurbhanj-II	-	-	228	-	-	-	-	-	228	591

H. Scientific Advisory Committee Meeting

KVK	Kharif		Rabi	
	Date	No. of participants	Date	No. of participants
Mayurbhanj-II	31.07.17	22	-	-

I. Awareness programme on Pradhanmantri Phasal BimaYojana

KVK	Date	Participants				
		Male	Female	SC	ST	Total
Mayurbhanj-II	22.07.17	36	14	2	8	50

J. Farmers' fair

KVK	Date	Venue: Village & Block	Participants				
			Male	Female	SC	ST	Total
Mayurbhanj-II	-	-	-	-	-	-	-

K. Kisan mobile advisory service (KMAS)

KVK	No. of message sent	No. of farmers benefited	No. of extension functionary benefited
Mayurbhanj-II	42	121826	261

L. HRD activities under taken

Title of the HRD Programme	Date	No. of participants	Category of participation
-	-	-	-

M. NICRA Activities

KVK	Name of NICRA Village	Climatic situation
Mayurbhanj-II	Nil	Nil

O. Seed & Quality Planting Material production**(i) Achievement Kharif 2017: Paddy seed**

KVK	Variety	Category	Area (ha)	Production (q)	Yield (q/ha)
Mayurbhanj-II	Pratikshya	FS	1.0	21.4	21.4
	Tejaswini	FS	1.0	11.0	11.0
	Lalat	FS	0.5	8.6	17.2
	DRR-42	CS	0.4	5.2	13.0

(ii) Achievement Rabi 2017 -18: Paddy seed

KVK	Variety	Category	Area (ha)	Production (q)	Yield (q/ha)
Mayurbhanj-II	-	-	-	-	-

(iii) Achievement on seed production of non- paddy crops**a. Pulses**

KVK	Crop	Variety	Category	Area (ha.)	Production (q)	Yield (q/ha.)
Mayurbhanj-II	-	-	-	-	-	-

b. Oilseed crops

KVK	Crop	Variety	Category	Area (ha.)	Production (q)	Yield (q/ha.)
Mayurbhanj-II	-	-	-	-	-	-

c. Other crops

KVK	Crop	Variety	Category	Area (ha.)	Production (q)	Yield (q/ha.)
Mayurbhanj-II	-	-	-	-	-	-

(iv) Quality planting material production

KVK	Name of plant	Variety	No. produced
Mayurbhanj-II	Brinjal	Arka Neelachal Shayama, Utkal Anushree, Swarna Shakti , Blue star	31130
Mayurbhanj-II	Chilli	Utkal Rashmi & Shyamhot	10789
Mayurbhanj-II	Tomato	Utkal Pragyan, Utkal Raja & Sakhyam	5204
Mayurbhanj-II	Cabbage	Pusa Drum Head	1450
Mayurbhanj-II	Capsicum	California Wonder	275
Mayurbhanj-II	Brocolli	Pusa KTS-1	275
	Papaya	Red lady	2080

(v) Fruit production

Name of KVK	Name of fruit crops	Total no. of fruit plants	Total no. of bearing plants	Quantity produced (Kg.)	Sale proceed (Rs.)
Mayurbhanj-II					

(vi) Other materials produced

KVK	Name of the item	No./ Kg .produced
Mayurbhanj-II	Poultry (Var- Rainbow Rooster)	1500 nos

(vii) Economics of revolving fund activities

KVK	Expenditure (Rs.)	Gross return (Rs.)	Net profit (Rs.)
Mayurbhanj-II	2,68,487	3,33,277	64,790

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P. Achievement of Programme on doubling the farmers' income

KVK	Title	Details of technology	Yield (q/ha)		%increase	Cost of Production (Rs)	Net return (Rs)	B:C
			Demo.	FP				
Mayurbhanj-II	Intensification of paddy cultivation	Weed management by pre emergence herbicide, oxadiargyl Soil test based fertilizer	33.5	27.8	20.5	37750	12500	1.34
	Poultry Rainbow rooster breed	Brooder units by SHGs Linkage with Mission Sakti	55 %	32%	23.0	1550/10 no. of birds	3150/ 10 no. of birds	2.0
	Oyster Mushroom	Oyster mushroom production	2.4kg/ bed	2.1kg/ bed	14.2	Rs. 55/bed	Rs.168/bed	4.0
	Intensification of	Weed control by	30.3	28.1	7.8	29970	15400	1.5

	maize cultivation	Atrazine @ 1kg/ha) Scaling of mechanisation						
	Poultry Rainbow rooster breed	Brooder units by SHGs Linkage with Mission Sakti	57 %	33%	24.0	1730/10 no. of birds	3550/10 no. of birds	3.0
	Paddy Mushroom	Paddy Straw Mushroom Cultivation	1.3kg/Bed	1.0kg/Bed	30.0	Rs.68/bed	Rs.127/bed	2.8

Q. Achievement on Pulse Seed Hub : Nil

KVK	Season	Name of crop	Area	Variety	No. of farmers	Details of technology used	Production(q)	Cost of Production (Rs)	Net return(Rs)
Mayurbhanj-II									

R. Achievement on Head to Head trial of IRRI rice varieties

KVK	Name of var.	Area (ha)	No. of farmers	Details of Technology demonstrated	Yield(q/ha)		% Increase	Cost of Production (Rs)	Net return (Rs)	B:C
					Demo	FP				
Mayurbhanj-II										

S. Achievement on any special programme (ARYA/Centre of Excellence etc.)

N.B. Please attach good quality action photographs of each activity.

Photographs

		
<p style="text-align: center;">OFT on Mustard</p>	<p style="text-align: center;">OFT on De-Worming of Goat</p>	<p style="text-align: center;">OFT on Tomato</p>
		
<p style="text-align: center;">FLD on ridge method of Maize</p>	<p style="text-align: center;">FLD on Nutritional Garden</p>	<p style="text-align: center;">FLD on chilli variety Utkal Rashmi</p>
		
<p style="text-align: center;">CFLD on Groundnut</p>	<p style="text-align: center;">CFLD on Chickpea</p>	<p style="text-align: center;">Animal Helth Camp</p>
		
<p style="text-align: center;">Agriculture Education Day</p>	<p style="text-align: center;">World Meterological Day</p>	<p style="text-align: center;">Web telecast of Krushi Unnati Mela</p>