

ACHIEVEMENT REPORT OF KVK MAYURBHANJ-I, APRIL, 2019 TO MARCH, 2020

Submit word file report through mail ID ddeuebpdee4@gmail.com only

1. (i) Training for farmers & farm women:

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
KVK Mayurbhanj-I	Crop production	-	-	-	-	-	-
KVK Mayurbhanj-I	Crop protection	-	-	-	-	-	-
KVK Mayurbhanj-I	Horticulture	03	42	33	19	36	75
KVK Mayurbhanj-I	Soil Science	-	-	-	-	-	-
KVK Mayurbhanj-I	Animal Science	-	-	-	-	-	-
KVK Mayurbhanj-I	Fishery Science	04	54	06	14	37	60
KVK Mayurbhanj-I	Home Science	04	-	100	-	74	100
KVK Mayurbhanj-I	Extension Education	02	23	27	30	14	50
KVK Mayurbhanj-I	Forestry	-	-	-	-	-	-
KVK Mayurbhanj-I	Agril. Engineering	-	-	-	-	-	-
KVK Mayurbhanj-I	Others(Specify)	-	-	-	-	-	-
	Total	13	119	166	63	161	285

(ii) Training for rural youths:

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	SC	ST	Total
KVK Mayurbhanj-I	Crop production	-	-	-	-	-	-
KVK Mayurbhanj-I	Crop protection	-	-	-	-	-	-
KVK Mayurbhanj-I	Horticulture	02	30		7	11	30
KVK Mayurbhanj-I	Soil Science	-	-	-	-	-	-
KVK Mayurbhanj-I	Animal Science	-	-	-	-	-	-
KVK Mayurbhanj-I	Fishery Science	06	60		18	36	60
KVK Mayurbhanj-I	Home Science	07	59	43	-	36	102
KVK Mayurbhanj-I	Extension Education	01	15		2	6	15
KVK Mayurbhanj-I	Forestry	-	-	-	-	-	-
KVK Mayurbhanj-I	Agril. Engineering	-	-	-	-	-	-
KVK Mayurbhanj-I	Others(Specify)	-	-	-	-	-	-
	Total	16	164	43	27	89	207

(iii) Training for Extension personnel:

KVK	Discipline	No. conducted	No. of beneficiary				
			Male	Female	S.C.	S.T.	Total
KVK Mayurbhanj-I	Crop production	-	-	-	-	-	-
KVK Mayurbhanj-I	Crop protection	-	-	-	-	-	-
KVK Mayurbhanj-I	Horticulture	-	-	-	-	-	-
KVK Mayurbhanj-I	Soil Science	-	-	-	-	-	-
KVK Mayurbhanj-I	Animal Science	-	-	-	-	-	-
KVK Mayurbhanj-I	Fishery Science	-	-	-	-	-	-
KVK Mayurbhanj-I	Home Science	02	21	30	-	17	51
KVK Mayurbhanj-I	Extension Education	01	21	4	3	4	25
KVK Mayurbhanj-I	Forestry	-	-	-	-	-	-
KVK Mayurbhanj-I	Agril. Engineering	-	-	-	-	-	-
KVK Mayurbhanj-I	Others(Specify)	-	-	-	-	-	-
	Total	03	42	34	3	21	76

(iv) Sponsored training:

KVK	Discipline	No. conducted	Duration (days)	No. of beneficiary					Sponsoring agency
				Male	Female	SC	ST	Total	
KVK Mayurbhanj-I	Crop production	1	1	26	04	3	17	30	CSISA
KVK Mayurbhanj-I	Crop protection	1	3	31	09	2	31	40	IFFCO
KVK Mayurbhanj-I	Horticulture	-	-	-	-	-	-	-	
KVK Mayurbhanj-I	Soil Science	-	-	-	-	-	-	-	
KVK Mayurbhanj-I	Animal Science	-	-	-	-	-	-	-	
KVK Mayurbhanj-I	Fishery Science	-	-	-	-	-	-	-	
KVK Mayurbhanj-I	Home Science	-	-	-	-	-	-	-	
KVK Mayurbhanj-I	Extension Education	-	-	-	-	-	-	-	
KVK Mayurbhanj-I	Forestry	-	-	-	-	-	-	-	
KVK Mayurbhanj-I	Agril. Engineering	-	-	-	-	-	-	-	
KVK Mayurbhanj-I	Others(Specify)	-	-	-	-	-	-	-	
	Total	02	04	57	13	5	48	70	

2. (i) On-Farm Testing:

KVK	Discipline	No. conducted	Area (ha)	Enter prise (no.)	No. of beneficiary				
					Male	Female	SC	ST	Total
KVK Mayurbhanj-I	Crop production								
KVK Mayurbhanj-I	Crop protection								
KVK Mayurbhanj-I	Horticulture	01	0.4		13		04	07	13
KVK Mayurbhanj-I	Soil Science	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Animal Science	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Fishery Science	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Home Science	02	-	02	-	14	-	03	14
KVK Mayurbhanj-I	Extension Education	01	0.4		13		03	07	13
KVK Mayurbhanj-I	Forestry	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Agril. Engineering	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Others(Specify)	-	-	-	-	-	-	-	-
	Total	05	1.2	02	39	14	09	26	53

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

KVK	Crop/ Component	Season	Technology Assessed (Give in detail)	Farmers' practice (Give in detail)	OFT yield (q/ha)	Yield in farmers' practice (q/ha)	% increase in yield
KVK Mayurbhanj-I	Mushroom	Kharif	TO₁ - Mushroom production by using scrambled paddy straw (soaking in water-8hr, paddy straw 7kg, pulse powder 3%) TO₂ - Mushroom production by using scrambled paddy straw (soaking in water-6hr, paddy straw 7kg, pulse powder 3%)	Mushroom production by using unscrambled paddy straw with normal practice (soaking of 7kg straw in water for 8hrs, bed preparation with addition of spawn and pulse powder 3%)	TO ₁ -0.50 kg/bed TO ₂ -0.55 kg/bed	0.65 kg/bed	TO ₁ -(-23%) TO ₂ -(-15.3%)
KVK Mayurbhanj-I	Tomato	Rabi	TO₁ : High yielding F1 hybrid with triple disease resistance to ToL CV, BW and early blight. Fruits square	Use of HYVs like Sakshyam	Arka Rakshak-475.0, Arka Samrat-	Sakhyam-330.0	TO ₁ -43.93% TO ₂ -38.78%

			round , large (90-100g), Deep red , firm fruits. Suitable for fresh market and processing. TO₂ : High yielding F1 hybrid with triple disease resistance to ToL CV, BW and early blight. Fruits square round , large (90-100g), Deep red , firm fruits. Suitable for fresh market and processing.		458.0		
KVK Mayurbhanj- 1	Ground nut	Rabi	TO ₁ - 20-40-40 kg of nitrogen, phosphorus and potash along with 1% each of calcium nitrate, magnesium nitrate and sulphur nitrate TO ₂ -20-40-40 kg of nitrogen, phosphorus and potash along with 0.2% each of calcium nitrate, magnesium nitrate and sulphur nitrate	20-40-40 kg of nitrogen, phosphorus and potash	TO ₁ -21.83 TO ₂ -25.36	18.6	TO ₁ - 17.36% TO ₂ - 36.34%

3. (i) Frontline demonstration (general):

KVK	Discipline	No. conduct ed	Are a (ha.)	Enterp rise (no.)	No. of beneficiary				
					Male	Fem ale	SC	ST	Total
KVK Mayurbhanj-I	Crop production	02	02		17	03		20	20
KVK Mayurbhanj-I	Crop protection	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Horticulture	01		05	05		01	01	05
KVK Mayurbhanj-I	Soil Science	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Animal Science	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Fishery Science	03		15	15			09	15
KVK Mayurbhanj-I	Home Science	04	-	04	-	40	01	25	40
KVK Mayurbhanj-I	Extension Education	01		10	30	30	10	40	60
KVK Mayurbhanj-I	Forestry	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Agril. Engineering	-	-	-	-	-	-	-	-
KVK Mayurbhanj-I	Others(Specify)	-	-	-	-	-	-	-	-
	Total	11	02	34	47	43	07	57	95

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

KVK	Title	Season	Intervention (Give in detail)	Farmers' practice (Give in detail)	FLD yield (q/ha)	Yield in farmers' practice (q/ha)	% increase in yield
KVK Mayurbhanj-1	Demonstration on NRRRI Paddy Parboiling Drum for drudgery reduction of farm women	Kharif	Parboiling of paddy by NRRRI Paddy Parboiling Drum	Parboiling of paddy by traditional utensil (Handa)	69 Kg/batch	35.5 Kg/batch	94.3
KVK	Demonstration of different	Rabi	Cultivation of gerbera under	Vegetable	Net Income-	Net Income- Rs. 32000/-	B.C. ratio

Mayurbhanj-1	ornamental plants in poly house throughout the year		protected condition		3lakh from 500sq.m	from 500sq.m	(FP-2.77 & RP-5.0)
KVK Mayurbhanj-1	Demonstration on Maize + cowpea intercropping system in 2:2 ratio	Rabi	Maize + cowpea intercropping system in 2:2 ratio	Maize is grown as sole crop	40	36	11.12%

4. (i) Cluster demonstration on oilseed & pulse:

KVK	Season	Crop	Variety	Area (ha)	No. of beneficiary				
					Male	Female	SC	ST	Total
KVK Mayurbhanj-1	Rabi	Ground nut	Dharini	100	101	21	69	21	122
KVK Mayurbhanj-1	Rabi	Green gram	IPM-02-14	10	25	-	-	25	25

(ii) Salient achievements under Cluster demonstration on oilseed and pulse:

KVK	Season	Crop	Intervention (Give in detail)	FLD yield(q/ha)	Local yield(q/ha)	% increase in yield over local
KVK Mayurbhanj-1	Rabi	Ground nut	<ul style="list-style-type: none"> ➤ Line sowing ➤ Seed treatment with Trichoderviridiae@10gm/kg of seed. Application of Neem Oil @3ml/litre 	Crop is in the field	-	-
KVK Mayurbhanj-1	Summer	Green gram	<ul style="list-style-type: none"> ➤ Application of soluble micronutrients @25ml/15liter of water + Application of PGR@5ml/15liter of water. 	Harvesting is in progress	-	-

5. Other extension activities:

Sl.No.	Extension activities	No. of activities	No. of beneficiaries
1	Exhibition	01	240
2	Field days	01	75
3	Kissan Mela	01	160
4	Research – Extension interface meeting	06	165
5	Special day celebration(International Women's Day, MahilaKisan Divas, Women in Agriculture Day, World Food Day, World Soil Day)	05	645
6	Soil Health Camp	1	100
7	Animal Health Camp	2	50
8	Soil test Campaign	1	25
9	Scientists visit to farmers' field	172	858
10	No. of farmers visit to KVK	1959	1959
11	Diagnostics visit	130	968
12	Group meeting	08	180
13	Kissan Gosthi	2	60
14	Radio talk	1	Mass
15	Television talk	1	Mass
16	News paper Coverage	14	Mass
17	Exposure Visits	5	80
18	No. of farmers' club formed	-	-
19	Farmers' club meetings held	-	-

Sl.No.	Extension activities	No. of activities	No. of beneficiaries
20	SHG convention	1	70
21	Ex-trainees sammelan	1	40
22	Film show	12	300
23	Lectures delivered as resource person	37	915

6. Publication:

Sl.No.	Item	No.	No. of copies printed
1	Book/ Booklet	02	1000
2	Leaflets	01	500
3	Poster/Flex	10	10
4	News letter	01	500
5	News paper Coverage	54	Mass
6	Popular Articles	4	Mass
7	Technical bulletins	-	-
8	Technical report	2	15
9	Training material	04	130
10	Year planner	-	-
11	CDs/ DVDs	02	20
	Total	78	2160

7. Soil and water sample analysis:

KVK	Soil				Water				Grand total (soil + water)	No. of soil health card issued
	Tested in KVK lab.	Tested by MridaParikhyak	Tested outside	Total	Tested in KVK lab.	Tested by Mrida Parikhyak	Tested outside	Total		
KVK Mayurbhanj-1	100	-	-	100	-	-	50	50	150	100

8. Scientific Advisory Committee Meeting:

KVK	Kharif		Rabi	
	Date	No. of participants	Date	No. of participants
KVK Mayurbhanj-1	28/08/2019	35	-	-

9. Awareness programme on Pradhanmantri Phasal BimaYojana: N.A.

KVK	Date	Participants				
		Male	Female	SC	ST	Total
-	-	-	-	-	-	-

10. Farmers' fair:

KVK	Date	Venue: Village & Block	Participants				
			Male	Female	SC	ST	Total
KVK Mayurbhanj-1	15/10/2019	Village- Kochilakhunta, Block- Badasahi, Mayurbhanj	-	150		126	150
KVK Mayurbhanj-1	16/10/2019	Village - Keutinimari, Block- Badasahi, Mayurbhanj	67	33	29	58	100
KVK Mayurbhanj-1	04/12/2019	Village -Badakhiladi, Block- Kaptipada, Mayurbhanj	-	83	13	25	83
KVK Mayurbhanj-1	08/03/2020	Village -Bholbeda, Block- Kuliana, Mayurbhanj		100	24	48	100

11. Kissan mobile advisory service (KMAS):

KVK	No. of message sent	No. of farmers benefited	No. of extension functionary benefitted
KVK Mayurbhanj -1	31	54282	145

12. HRD activities under taken:

Title of the HRD Programme	Date	No. of participants	Category of participation
Agro-eco system Analysis for participatory learning	17 th -21 st Feb 2020	30	Scientist
Quality Seed Grower	9 th -11 th Dec 2020	45	Master trainee

13. NICRA Activities (For NICRA KVKs):

KVK	Name of NICRA Village	Climate vulnerability

(Give module-wise results)

14. Skill development training:

Sl.no.	Name of KVK	Name of the trade	Date of training	No. of participants				
				Male	Female	SC	ST	Total
1	KVK,Mayurbhanj-1	Mushroom Grower	09.01.2020-05.02.2020	10	10	-	4	20
2	KVK,Mayurbhanj-1	Quality Seed Production	29.02.2020-17.03.2020	20		16		20

15. Seed & Quality Planting Material production:**(i) Achievement Kharif 2019: Paddy seed**

KVK	Variety	Class	Area (ha)	Production (q)	Yield (q/ha)
KVK Mayurbhanj-1	Swarna (MTU 7029)	FS	12.0	399.4	33.28
KVK Mayurbhanj-1	Swarna Sub-I	FS	2.0	73.4 (Germination result is awaited)	36.7

(ii) Achievement Rabi 2019 -20: Paddy seed

KVK	Variety	Class	Area (ha)	Production (q)	Yield (q/ha)
-	-	-	-	-	-

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

KVK	Crop	Variety	Class	Area (ha.)	Production (q)	Yield (q/ha.)
-	-	-	-	-	-	-

b. Oilseed crops:

KVK	Crop	Variety	Class	Area (ha.)	Production (q)	Yield (q/ha.)
-	-	-	-	-	-	-

c. Other crops:

KVK	Crop	Variety	Class	Area (ha.)	Production (q)	Yield (q/ha.)
-	-	-	-	-	-	-

(iv) Quality planting material production:

KVK	Name of plant	Variety	No. produced
KVK Mayurbhanj-1	Vegetable	Hybrid	226460
KVK Mayurbhanj-1	Papaya Seedlings	Red lady	7590

(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.)
-	-	-	-	-	

(vi) Other materials produced:

KVK	Name of the item	No./ Kg .produced
KVK Mayurbhanj-1	Mushroom (Paddy Straw &Oyster)	202.16
KVK Mayurbhanj-1	Mushroom spawn	2200nos.
KVK Mayurbhanj-1	Poultry chicks (21days old)	5100nos.
KVK Mayurbhanj-1	Vermicompost	34 kg.

(vii) Economics of revolving fund activities:

KVK	Expenditure (Rs.)	Gross return (Rs.)	Net profit (Rs.)
KVK Mayurbhanj-1	Poultry (2,23,829)	3,57,210	1,33,381
KVK Mayurbhanj-1	Mushroom spawn (26,180)	30,800	4620
KVK Mayurbhanj-1	Oyster mushroom (2,650)	7,429	4779
KVK Mayurbhanj-1	Paddy Straw mushroom (3,960)	7835	3875
KVK Mayurbhanj-1	Kitchen garden (200)	1890	1690
KVK Mayurbhanj-1	Paddy seed production programme (4,37,090)	12,10,581.40	7,73,491.40
KVK Mayurbhanj-1	Vermicompost	510	501
KVK Mayurbhanj-1	IFS	2450	2450
KVK Mayurbhanj-1	Vegetable Seedlings/ Saplings(53,690)	3,78,890	3,25,200

16. 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				
KVK Mayurbhanj-I	Introduction of Groundnut in Rainfed medium land of Rice fallow cropping system	Substituted with groundnut variety Dharini	18.3	14.6	25.3	58560	30360	2.07
KVK Mayurbhanj-I	Introduction of Green gram in Rice- fallow cropping system	Substituted with green gram variety IPM-2-14	5.6	4.7	19.1	33600	13200	1.64
KVK Mayurbhanj-I	Introduction of Mushroom cultivation	Mushroom cultivation throughout the year	1.25 kg/bed	-	-	2750/50 beds	4750	2.72
KVK Mayurbhanj-I	Introduction of Green gram	Green gram variety IPM-2-14	5.8	4.3	34.8	34800	15200	1.77

17. Achievement on Pulses Seed Hub (For seed hub KVKs):

KVK	Season	Name of crop	Area	Variety	Class of seed	Production(q)	Cost of Production (Rs)	Net return(Rs)
KVK Mayurbhanj-I	Summer/Spring 2019	Green gram	137.0ha	IPM 2-14	CS	Crop is in the field	-	-

18. 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				
-	-	-	-	-	-	-	-	-	-	-

19. Achievement on KKA activities: N.A.

KVK	Name of activity	No. of farmers involved
-----	------------------	-------------------------

--	--	--

20. Achievement on any special programme(ARYA/ PKVY/Centre of Excellence etc./ other special projects):

21. Brief report on workshops, summer courses, symposia, training programmes attended by KVK scientists:

Name of the Scientist participated	Designation	Topic	Place	Period
Jhunilata Bhuyan	Scientist (Home Sc.)	Agro-eco system Analysis for participatory learning	DEE,OUAT ,BBSR	17 th -21 st Feb 2020
Debasis Jayapuria	SMS (Ag. Extension)	Agro-eco system Analysis for participatory learning	DEE,OUAT ,BBSR	17 th -21 st Feb 2020
Ansuman Debashish Nayak	Farm manager	Quality Seed Grower	WBUAFS, KOLKATA	9 th -11 th Dec 2019

22. Research papers/ Books/ Book chapters/ Popular articles/ Technical Bulletins/Manuals developed:

- Research paper on Comparison between Solar Dryer with Sun drying for Tomato under North Plateau Climatic Zone

23. Awards and recognitions received during 2019-20:

24. Externally funded projects operating and sanctioned:

Name of the KVK	Project title	Funding agency	Total outlay (Rs in lakh)	Period (from to)
KVK Mayurbhanj-1	ATMA F-S Interaction	ATMA, Mayurbhanj	0.60	2019-20
KVK Mayurbhanj-1	Large scale plantation programme	IFFCO,Mayurbhanj	0.10	2019-20

25. Distinguished visitors, date and purpose of visit:

Name of the visitor	Place of visit	Date of visit	Purpose of visit
Shri. Vineet Bhardwaj, Collector, Mayurbhanj	KVK campus	07-05-2019	Celebration of District Level Akshya Trutiya
Er. Pravakar Swain, Member, Board Of Management, OUAT	KVK Campus	29-07-2019	-
Sj. Prakash Soren, MLA, Baripada	KVK Campus	11-09-2019	Pasu Arogya Mela
Smt. Sujata Murmu, President, Zilla Parishad, Mayurbhanj	KVK Campus	17-09-2019	Large Scale Plantation Pogramme

26. Infrastructure developed including maintenance and renovation :

Name of the KVK	Name of the infrastructure	Purpose	Funding agency	Status as on 31.03.2019
-	-	-	-	-