

Directorate of Farms, IGKV, Raipur (C.G.)

Detail proforma of Farm Meeting

Name of the Centre:- KVK, Mahasamund

1. General Information: - Enclosed
2. Cropping intensity: 150%
3. Details of Area (ha):

Total Area, ha		Area under infrastructures (Road, Office, Threshing floor, staff quarters etc), ha	Soil Type	Net Cultivated area, ha		Area under research, ha	Area under seed production, ha	Area under Dairy, Fisheries etc., ha	Area under Agro forestry, ha	Area under Horticulture Crops/Orchard, ha	Area under Seasonal Horticulture crops, ha	Fallow Land
As per revenue record	Actual land available			Irrigated	Un irrigated							
20	20	02	Entisol and Inceptisol	05	09	-	06	2	-	6		4

(a) Net cultivated area (current status)

S. No.	Season wise kind/type	Farm				Research				GT	Remark
		Irrigated	Un irrigated	Protective irrigated	Total	Irrigated	Un irrigated	Protective irrigated	Total		
1.	Kharif	05	09	-	14	-	-	-	14	14	
2.	Rabi	05	01	-	06	-	-	-	06	06	
3.	Summer	01	-	-	01				01	01	

4. Production & Productivity – Kharif- 2016 (Farm) – RF/NSP/ MSP or Other Projects:

S. No.	Name of Crop	Variety	Area (ha)	land type /Soil type/irrigated/rainfed/partially irrigated	Type of Seed	Production (q)			Productivity (q/ha)		Agronomic Production potential of crops/ varieties as per VV package of practices	Remark
						Ungraded	Graded	Mix	Ungraded	Graded		
1	Pigeon pea	Rajivlochan	1	Entisol, Irrigated	Certified	1.5	9.0	0.5	1.5	9.0	18-20	Flower drop due to heavy rain (2 nd Week of Oct)
2	Seasamum	TKG - 308	0.4	Entisol, Irrigated	Certified	1.0	4.5	0.5	1.0	4.50	6-8	

3	Greengram	SML - 668	1	Entisol, Irrigated	Certified	0.85	4.1	0.6	0.85	4.1	9-10	
4	Blackgram	PU - 31	1	Entisol, Irrigated	Certified	0.68	4.75	0.4	0.68	4.75	10-12	
5	Soybean	JS-9305	0.4	Entisol	T/L	0.4	4.0	0.1	1.0	10.0	16-18	
6	Turmeric	Suroma	0.2	Entisol	T/L	2.4	21	-	12	105	200	
7	Ginger	Suruchi	0.2	Entisol	T/L	3.4	19	-	17	95	150	

5. Production & Productivity – Rabi- 2016-17 (Farm) – RF/NSP/ MSP or Other Projects:

S. No	Name of Crop	Variety	Area (ha)	land type /Soil type/irrigated/ rainfed/partially irrigated	Type of Seed	Production (q)		Productivity (q/ha)		Agronomic Production potential of crops/ varieties as per VV package of practices	Remark
						Ungraded	Graded	Ungraded	Graded		
1	Mustard	NRC HB101	1 ha.	Entisol, Irrigated	T/L	0.1	2.1	0.1	2.1	8-10	
2	Wheat	Ratan	0.4 ha.	Entisol, Irrigated	T/L	0.11	2.2	0.275	5.59	10-12	
3	Coriander	Gujarat Dhaniya 01	0.2 ha	Entisol, Irrigated	T/L	0.6	2.5	1.5	6.25	10	
4	Fenugreek	RMT 305	0.2 ha	Entisol, Irrigated	T/L	0.7	2.9	1.75	7.25	10-12	

6. Production & Productivity – Summer- 2017 (Farm) – RF/NSP/ MSP or Other Projects:

S. No	Name of Crop	Variety	Area (ha)	land type /Soil type/irrigated/ rainfed/partially irrigated	Type of Seed	Production (q)		Productivity (q/ha)		Agronomic Production potential of crops/ varieties as per VV package of practices	Remark
						Ungraded	Graded	Ungraded	Graded		
	Seasumum	GT-4	0.4	Irrigated	Certified						At standing condition

7. Planting Material actually produced/Fruit/vegetable/flower/medicinal plants production (Q/ha) For Annual/Kharif/Rabi-2016-17

S.No.	Veg./Fruit/Flower/Medicinal plants etc.	Area Under Nursery/Orchard	Irrigated / Non-irrigated	Number of Plant saplings/seedlings Ready/Fruit/vegetable/flower production (Q/ha)	Selling Quantity	Available for Sale	Sales Price (Rs.)
1	Papaya	Poly beg nursery	Irrigated	50,000	-	Distributed to farmers free of cost under MGNAREGA	
2	Moringa	Poly beg nursery	Irrigated	50,000	-		
3	Karonda	Poly beg nursery	Irrigated	20,000	-		
4	Custard Apple	Poly beg nursery	Irrigated	20,000	-		
5	Turmeric	Poly beg nursery	Irrigated	10,000	-		
6	Seasonal Vegetable	Nursery	Irrigated	250000	-		

8. Proposal for Kharif 2017: RF/ NSP/MSP/ or Other Projects

S. No.	Name of Crop	Variety	Type of Seeds	Area Proposed	anticipated Cost of cultivation	Total Expenditure	Remarks
1	Pigeonpea	Rajiv lochan	Foundation	2ha.	32000	32000	
2	Seasamum	TKG 308	Foundation	2ha.	26790	26790	
3	Green gram	SML 668	Foundation	2ha.	26140	26140	
4	Black gram	PU 31	Foundation	2ha.	26000	26000	
5	Soybean	JS 9305	Foundation	1 ha.	26400	26400	
6	Paddy	Indira Barani-1	Foundation	1 ha	24000	24000	
7.	Turmeric	Suroma	Foundation	0.4 ha	100000	100000	
8.	Ginger	Suruchi	Foundation	0.4 ha	100000	100000	

9. Proposal for planting material of Fruits/vegetables/flower/medicinal plants production for Annual/Kharif/Rabi 2017

S.No.	Veg./Fruit/Flower/Medicinal plants etc.	Area Under Nursery/Orchard	Irrigated / Non-irrigated	Number of Plant saplings/seedlings to be produced/ Area Proposed under Fruit/vegetable/ spices/flowers for crop/seed production	anticipated Cost of cultivation	Total Expenditure	Remarks
1	Papaya	Poly beg nursery	Irrigated	50000	-	-	Distributed to farmers
2	Moringa	Poly beg nursery	Irrigated	50000	-	-	

3	Karonda	Poly beg nursery	Irrigated	5000	-	-	free of cost under MGNAREGA
4	Custard apple	Poly beg nursery	Irrigated	5000	-	-	
5	Fig	Poly beg nursery	Irrigated	100	-	-	
6	Pomegranate	Poly beg nursery	Irrigated	100	-	-	
7	Gauava	Poly beg nursery	Irrigated	100	-	-	
8	Tamarind	Poly beg nursery	Irrigated	1000	-	-	
9	Tomato, Brinjal, Chilli, Onion, Cabbage, Cauliflower, Bottlegourd, Watermelon, Bittergourd	Poly beg nursery	Irrigated	250000	-	-	
10	Marigold	Poly beg nursery	Irrigated	5000	-	-	

10. Farm resources available

S. No.	Name of Implements/ Equipments etc.	Date of purchase	Quality/ No. of items	Make	Total cost	Present status	Remarks
1	Tractor	04/02/2005	1	Tafe	3,70,000	Process start for condamation	
2	Seed drill		1	Khedhut	47,200	Good	
3	Rotavator		1	Shaktiman		Good	
4	Spring Tine Cultivator		1		10,685	Good	
5	Tractor trolly		1		94,980	Good	
6	Jeep trolly		1		44,289	Good	
7	Water tanker		1		1,47,420	Good	
8	Fencing, Drip, Sprikler					Good	

11. Infrastructure available

S. No.	Particulars	No.	Area (sq feet or ha)	Present status	Remarks
1.	Office building	1	2992 sq feet	Wiring needs repairing	-
2.	Quarter (type)	-	-	-	-
3.	Seed godawn	1	2442 sq feet	Under use	-
4.	Threshing floor	-	-	-	-
5.	Fencing		50 acre	Complete	
6.	Road/ stress status	-	-	-	-
7.	Tube well	5		Working condition	
8.	Electrification status			Complete	
9.	Implement shade/ Vehicle standard	1	200 sq feet		
10.	Others (Animal shed)	2	1600 sq feet	Working condition	
11.	Vermicompost unit	16		Completed upto june	

12.	NADEP TANK	20		Working condition	
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12. Financial position in Rs. (during last 5 years): RF/ NSP/ MSP/ or Other Projects

S. No.	Year	Opening balance	Receipts	Expenditure	Balance status	*Cr	*Db	Final status (+/-)	Remarks
1.	2016-17	81,473	5,53,357	1,98,993	354364				
2.	2015-16	1,48,807	1,85,385	2,52,719	81473				
3.	2014-15	66,754	1,52,053	70,000	1,48,807				
4.	2013-14	1,00,000	46,747	79,993	66,754				
5.	2012-13								

*Details may be given in separately

Remittance of amount to V.V. in Rs. During last 5 years

S. No.	Financial year	RF/NSP/MSP/other projects	Cheque no.	Date	Amount (Rs)	Remarks
1.	2016-17	RF	438688	25.04.2017	80,000	
2.	2015-16	-	-	-	-	
3.	2014-15	RF	640225	01.08.2014	20,000	
4.	2013-14	-	-	-	-	
5.	2012-13	-	-	-	-	

13. Staff position: Farm set up/ MSP/NSP or other projects

S. No.	Designation	Scale	Sanctioned posts	Name of staff	Date of joining	Remarks
1.						
2.						

14. Staff requirements: : Farm set up/ MSP/NSP or other projects

S. No.	Designation	Scale	No. of posts	Justification	Remarks
1.	Farm manager	9300+ 4,200 (AGP)	1	To manage the farm	

15. Details of expenditure (Financial year 2016-17)

S. No.	Particulars	RF		NSP		MSP		OTHER PROJECTS		TOTAL	
		Total area	Cost	Total area	Cost	Total area	Cost	Total area	Cost	Total area	Cost
1.	Labour a. Daily paid labour		36,465								36,465

	b. Contractual works										
2.	Seed		3,604								3,604
3.	Fertilizer										
4.	POL-implements a. Tractors other b. Motor cycle		9,290								9,290
5.	Maintenance of implements a. Tractors other b. Motor cycle										
6.	Insecticides and pesticides		9000								9000
7.	Gunney bags										
8.	Chowkidar & general maintenance work										
9.	Cost involved in special operations										
10.	Miscellaneous work		1,40,634								1,40,634

16. Budget allotment and there utilization for development work during last 5 years- RF/NSP/MSP/other projects

S. No.	Financial year	Nature of work	Total fund allotted (Rs)	Source of funding	Fund used	Fund return	Work status
1.	2016-17						
2.	2015-16	Preparation of NADEP (38 No.) and vermicompost (18 No.) at KVK farm	579600	MGNAREGA			On going
		Horticultural plant nursery raising	1487000				
		Fish cultivation at KVK farm	2127000				
		Maintenance and intercropping of newly established orchard	2700000				
3.	2014-15						
4.	2013-14						
5.	2012-13						

17. Developmental work/ infrastructure/ other requirement for coming year:

S. No.	Year	Work	Estimated cost (Rs in lacs)	justification	Remarks
1.	2016-17	Threshing floor	10	For threshing farm produce	
2.	2017-18	Interlinking of tube wells	6	For better irrigation	
3.	2018-19	Pump house	2	For safety pump	
4.	2019-20	Farm CC road	10	For better approach	
5.	2020-21	Vehicle/ implement shed	10	For safety implement and vehicle	

Concise Proforma -1

(A) Basic Information

I Name of unit: KVK, Mahasamund

II I/C (Farm): **Shri M. K. Singh, SMS (Agronomy)** E-mail id- manishsingh.singh029@gmail.com Mobile. No. - 9179881937

III Dean/**SS&H: Dr. S.K.Verma** E-mail id- kvkmahasamund@gmail.com Mobile No.- 9424214626

1	Total Area, ha	:	20
2	Net Cultivated Area (excluding Research), (ha)	:	14
3	Cropping Intensity	:	150%
4	No. of Tube Wells	:	05
5	No. of Tractors	:	01
6	Seed Processing Plant	:	-
7	Seed Godown with Capacity	:	01 (3000 sq ft)
8	Threshing Floor (Sq.m.)	:	-
9	Total Production (q) (2016-17)	:	a) Kharif- Pigeonpea- 9q., Sesamum-4. 5q., Greengram- 4.1q., Blackgram- 4.75 q., Soybean 10q,
		:	b) Rabi- Mustard- 2.1 q., Wheat- 2.2q. , Coriander- 4.5 q., Fenugreek- 3.9 q.
		:	c) Summer- Nil
10	Productivity of major crops (2016-17)	:	a) Kharif- Pigeonpea- 11q., Sesamum- 6.0 q., Greengram- 5.55 q., Blackgram- 5.75 q.
		:	b) Rabi- Mustard- 2.2., Wheat- 5.8 q. , Coriander- 11 q., Fenugreek- 9.75 q.
11	Total Expenditure (2016-17)	:	a) Kharif
		:	b) Rabi
		:	c) Summer
12	Gross Income (2016-17)	:	a) Kharif
		:	b) Rabi
		:	c) Summer
13	Net Profit (2016-17)	:	a) Kharif
		:	b) Rabi
		:	c) Summer
14	Cost of Cultivation (Over All) (2016-17)	:	a) Kharif-
		:	b) Rabi-
		:	c) Summer

(B) Major Problems (if any) :

1. Soil is not suitable for agronomic crop.
2. Nutrient content of soil is very low.
3. Infertile soil.

(C) Suggestions (if any):

1. Plantation crop is suitable for soil condition.
2. Pulse crop may be used.

Signature