

PROGRESS REPORT OF DAO KOLASIB

**3rd
quarter of 2010 - 2011**

1.WEATHER CONDITION

DISTRICT WISE RAINFALL (in mm) for the year 2009 and 2010

Name of District :- **Kolasib**

Sl. No.	Month	2009	2010	Remarks (+/-)
1.	January	Nil	Nil	Nil
2.	February	Nil	1.2	+1.2
3.	March	19.8	229.0	+209.2
4.	April	201.6	522.4	+320.8
5.	May	196.3	344.9	+148.2
6.	June	303.0	518.2	+215.2
7.	July	315.7	358.3	+42.6
8.	August	360.6	650.0	+289.4
9.	September	295.4	435.4	+140.0
10.	October	147.0	159.2	+12.2
11.	November	6.0	5.2	- 0.8
12.	December	Nil	58.0	+58.0
	Total	1845.8	3281.8	+1436

2. CROP SITUATION

KHARIF ASSESSMENT

Sl. No	Name of Crop	2009 - 2010		2010 -11 (Final)	
		Area '000 ha	Prod '000 MT	Area '000 ha	Prod '000 MT
1	CEREALS				
	1) Rice	5.375	9.230	3.581	8.331
	2) Maize	0.618	0.858	0.766	1.08
	Total Cereals	5.993	10.08	4.347	9.411
2	PULSES				
	1) Arhar	0.024	0.02	0.033	0.027
	2) Rice Bean	0.048	0.055	0.059	0.07
	3) Other Pulses	0.11	0.114	0.124	0.117
	Total Pulses	0.182	0.189	0.216	0.214
3	OIL SEEDS				
	1) Sesamum	0.085	0.058	0.124	0.08
	2) Soyabean	0.1	0.153	0.134	0.2
	Total Oil Seeds	0.185	0.122	0.258	0.28
	Grand Total	6.36	10.699	4.821	9.905

RABI PROSPECTS

Sl. No.	Name of Crop	2009 - 2010		2010 -11(Target)	
		Area '000 ha	Prod '000 MT	Area '000 ha	Prod '000 MT
1	CEREALS				
	1) Rice	Nil	Nil	Nil	Nil
	2) Maize	0.096	0.117	0.117	0.15
	Total Cereals	0.096	0.117	0.117	0.15
2	PULSES				
	1) Other Pulses	0.223	0.208	0.288	0.282
	Total Pulses	0.223	0.208	0.288	0.282
3	OIL SEEDS				
	1) Rape & Mustard	0.247	0.178	0.338	0.248
	Total Oil Seeds	0.247	0.178	0.338	0.248
	Grand Total of Rabi	0.566	0.503	0.743	6.805
	Grand Total of Kharif	6.36	10.699	4.821	9.905

3. PROGRESS REPORT OF NWD PRA UPTO 3rd QUARTER OF 2010

Name of District : **Kolasib**

Number of Projects : **16**

Treatable Area : **11150 Ha.**

Area in ha & rupees in lakhs

Sl. No	Component	Unit	Target for 2010-11		Achievement		Remark
		Ha/No	Phy	Fin	Phy	Fin	
A. Management Component							
1	Administration			29.30	Nil	13.00	1st instalment received
2	Monitoring			2.30		Nil	
3	Evaluation						
B. Preparatory Phase							
4	Entry Point Activity						
5	Institution & Capacity Building						
6	Detail Project Report						
C. Watershed works Phase							
7	Watershed development work	Ha.	2874	172.42	Nil	86.21	
8	Livelihood activities for assetless persons	No.	575	28.74	Nil	28.74	
9	Production System & micro enterprise			47.11		Nil	
D. Consolidation phase							
				-		-	
Total				279.87	Nil	127.95	

4. PROGRESS REPORT OF WDPSCA UPTO 3rd QUARTER OF 2010

Name of District : **Kolasib**

Number of Project : **6**

Treatable Area : **2965 Ha.**

• (Area in ha & rupees in lakhs)

Sl.no	Component	Unit	Target		Achievement		Remarks
		Ha/No	Phy	Fin	Phy	Fin	
A. Management Component							
1.	Administration			3.36		3.36	
2.	Community Organisation/Corpus Fund			4.16		4.16	
3.	Training	No.					
4	Monitoring			0.72		0.72	
B. Water Harvesting Structure							
1.	Arable Land	Ha.	367	44.08	359	43.10	
2.	Non Arable Land						
3.	Drainage Line Treatment						
C. Rehabilitation Component							
1.	Land base unit						
2.	House hold unit	No.					
TOTAL				52.32		51.34	

5. PROGRESS REPORT OF ATMA UPTO 3rd Quarter OF 2010

Name of District : Kolasib

• (Area in ha & rupees in lakhs)

Sl.no	Component	Unit	Target		Achievement		Remarks
		Ha/No	Phy	Fin	Phy	Fin	
A. Farmer oriented activities							
1.	Training of farmers	No.	12	2.48	11	2.36	
2.	Demonstration	No.	40	1.35	40	1.35	
3.	Exposure visit of farmers	No.	3	1.25	3	1.25	
B. Farm information dissemination							
4.	District level exhibition						
5.	Nos. of printed leaflets, advertisement, etc.	No.	8	0.80	6	0.80	
6.	Development of technology package						
C. Agriculture technology refinement, validation and adoption							
		No.	8	2.20	8	2.20	
D. Establishment of ATMA like institutions							
				2.00		1.63	
E. Innovative Activities							
7.	Support of District level training institutions						
F. Other innovative activities							
G. Farm School							
		No.	4	1.53	2	0.76	
H. Mobilisation of Farmer Groups							
		No.	4	0.30	2	0.15	
TOTAL				11.91		10.50	

6. PROGRESS REPORT OF ISOPOM UPTO 3rd QUARTER OF 2010

Name of District : Kolasib

• (Area in ha & rupees in lakhs)

Sl.no	Component	Unit	Target		Achievement		Remarks
		Ha/No	Phy	Fin	Phy	Fin	
1	Expansion of area 2010-2011	Ha.	489.13	22.50			
2	Maintenance of existing area						
a.	2010 – 2011 – 1 st Yr	Ha.	489.13	22.50			Proposal not yet submitted
b.	2009 – 2010 – 2 nd Yr	Ha.	1166	38.48		12.66	
c.	2008 – 2009 – 3 rd Yr	Ha.	520.97	18.23		4.83	
d.	2007 – 2008 – 4 th Yr	Ha.	244	10.00		3.198	
3	Drip Irrigation	No.	25				Beneficiaries being selected
4	Farmers training	No.	9.50	1.43			
5	Exposure visit						
	A. Farmers						
	B. Extension staff						
6	Demonstration	Ha	7.0	0.43	7.0	0.43	
7	Assistance to pump set						
8	Construction of Halfmoon terrace	Ha.	42	8.65			Beneficiaries being selected
9	Drilling & Installation of Submergible pump						

Contd....

Sl.no	Component	Unit	Target		Achievement		Remarks
		Ha/No	Phy	Fin	Phy	Fin	
10	Potential area connectivity						
11	Purchase of GCI sheets						
12	Purchase of Agrifilms						
13	Development of Vermicompost				35 nos.	5.25	
14	25mm HDPE pipe						
15	32mm HDPE pipe						
16	P.P. Chemicals	No.	11300				
17	Knapsack sprayer						
18	Transport of seedlings from nursery to farmers field	No.	73370				Final bill not yet submitted
19	Water Harvesting Structure	No.	22	5.50			Beneficiaries being selected

7. Harvest Report of SRI in District

Demonstration on SRI was conducted in farmers field within 1 Sub-Division & 3 Circles.

Result obtained so far from one of the demonstration Plots in farmers field is given below (Sub-division & Circle-wise).

Sl. No.	Name of Sub-Div./Circle	Nos. of Plot/Farmer	Total area under Demonstration (Ha.)	Average Yield of Paddy (Qtl./Ha.)
1	Bilkhawthlir Sub-Div.	14	20	29.36
2	Kolasib Circle	48	58	24.35
3	Vairengte Circle	15	15	17.87
4	Bairabi Circle	5	15	40.6
	Total	82	108	
	Average yield of the District			25.01

8. Other Schemes of MMA with focus to SRI and Farm mechanization System of Rice Intensification SRI

Sl.no	Component	Unit	Target		Achievement		Remarks
			Phy	Fin	Phy	Fin	
1	Demonstration on System of Rice Intensification	Acre	108	3.24	108	3.24	
i.	Small and Marginal farmers						
li.	Large and Medium farmers						
Farm Mechanization							
Sl.no	Component	Unit	Target		Achievement		Remarks
			Phy	Fin	Phy	Fin	
1.	Power sources						
I	Tractor				2		Subsidy
II	Power Tiller				63		Subsidy
III	Light weight power tiller						

9. NLUP

Abstract of Village Wise Physical Target of NLUP for the year 2010 - 11

Sl. No.	Cluster	No. of Target Families				Total
		WRC-1	WRC- II	Oil Palm	Sugarcane	
1	Cluster - 4	160	213	258	40	671
2	Cluster - 5	378	85	645		1108
3	Cluster - 6	540	127	387		1054
	Total	1078	425	1290	40	2833

•Total Nos. of Villages to be covered under Kolasib District - 59

10. R.K.V.Y

1. Total Fund received = Rs. 10,00,000.00
2. Returned to Nodal Agency = Rs. 6,00,000.00
3. Fund utilised at District level for primary & Secondary Data collection = Rs. 4,00,000.00
4. Fund Balance = Nil

11. Issues and Strategies :

- ⇒ Kolasib District has a good WRC potential area and the total production of Paddy is also quite satisfactory.
- ⇒ More than half of the paddy production from WRC goes to non- mizo tenants.
- ⇒ Farm Mechanisation and Double Cropping system are introduced to reform the present system of tenancy.
- ⇒ Farmers training with demonstration and Awareness Campaigns with Practical Field visits are organised to motivate the WRC owners.



12. Best Practices/Innovative, etc.

1. Double Cropping :

- # The present system of cultivation in WRC is Early Paddy (Tai) followed by late Paddy (Buhpui) using local varieties.
- # Oilseed (Mustard) and Rabi vegetable occupy very less percentage of WRC area and production also becomes quite low.
- # Departmental demonstrations on double Cropping are conducted to give awareness to the farmers.
- # Having witnessed the Departmental demonstration many WRC farmers have adopted Double Cropping by cultivating HYV Paddy followed by Mustard Oilseeds and vegetable.



2nd Crops after Paddy under Double Cropping

Potato

Cabbage

Mustard



Potato Cultivation at Chilui, Kolasib (Field Visit by Director of Agriculture on 18.12.2010)



Potato Cultivation may not give good yield due to heavy rain just after sowing (DAO Kolasib with DDK- 18.12.2010)



2. RABI CROP DEMONSTRATION UNDER ATMA

- * Vegetable Nurseries were raised from which seedlings were distributed free of cost to the needy farmers.



Vegetable Nurseries under ATMA



Vegetable Nurseries under ATMA



Rabi Crop Demonstration under ATMA



Rabi Crop Demonstration under ATMA



Rabi Crop Demonstration under ATMA- Field Pea at Chilui, Kolasib.



3. Farm mechanisation :- Awareness Campaign and practical field trainings were organised on farm mechanisation. 63 (sixty three) nos of Power Tillers and 2 (two) nos of Tractors have been issued to the farmers on subsidy during the current year.



Practical training on Farm mechanisation



Power Tiller distribution



4. System of Rice Intensification (SRI) : Apart from demonstrations in farmers field conducted in different circles & sub Division, The Deptt. has taken more interest in the nearby Demonstration fields & provided technical inputs, deputing staffs to be in-charge. Farmers were taken to the demonstration plots and became aware of the system and advantages. Some farmers have opted to adopt SRI in WRC.

Some of the Trials conducted & findings in those nearby plots are as follows:

Sl.No.	Spacing	Age of seedlings	No.of tillers	Final Harvest (Qtls./Ha.)
1.	30x30 cm	8 days	47-78	37.5
2.	45 x 45 cm	15 days	70-110	30
3.	60x60 cm	20 days	110 - 173	26

Newly transplanted SRI Plot





With regular spacing under SRI



SRI Demonstration plot at Chilui



A field of rice cultivated with SRI



A single hill with profuse tillers

SRI-Profuse Tillering



Weeding in SRI



13. OIL PALM

- Total nos. of Oil Palm seedlings distributed in 2010-2011 – 73,370 covering estimated area of 489 Ha.
- Despite heavy rainfall & problems faced in link road connectivity, distribution is completed in speculated time.
- Water Harvesting structure & Half Moon Terrace constructed by the farmers as per sanction received.
- As Kolasib is regarded as one of the most potential areas within Mizoram for Oil Palm cultivation, the farmers are interested and keen in their plantation and plan to extend their areas year by year. Besides, other farmers from Oil Palm growing Districts like Lunglei, Serchhip and Lawngtlai had visited Kolasib Oil Palm plantation to study the success of the programme.
- Godrej Oil Palm Ltd. has purchased 24630 Kgs. of Oil Palm FFB within the District..



WHS under ISOPOM



Oil Palm – Assured market



Halfmoon Terrace in Oil Palm



Oil Palm is doing quite well in Kolasib District



THANK YOU