

## **REPORT ON TRAINING TO COMMUNITY RESOURCE PERSONS (CRPs) ON MIZORAM SLOPING AGRICULTURE LAND TECHNOLOGY (MiSALT)**

### **INTRODUCTION:**

MiSALT is an adapted approach that is specific to the steep slope of Mizoram. It is a combination of two well-tested good technologies for steep slopes which are known in Mizoram but hardly practiced together, which are – the indigenous *Changkham* or Contour Trash Bunding (CTB) and the Philippine's Sloping Agriculture Land Technology (SALT). MiSALT system resulted from improving the traditional *changkham* and the exotic SALT and putting them together in farmer's steep field. With steeply slopes and intense rainfall of Mizoram, practicing CTB or SALT alone will not be as effective and low cost as when putting them together to form MiSALT. Organizing Mizoram Sloping Agriculture Land Technology (MiSALT) is one of the activities under Green Landscape Management Plan (GLMP), 2023. Therefore, the GLMP describe that MiSALT Demonstration Plots is to be established in the Landscape villages to promote improved jhum in Mizoram and to change the farmers perspective from shifting cultivation to permanent cultivation.

As per the GLMP, 2023, 15 MiSALT Demonstration Plots (Annexure 1) are to be established covering 9 villages, 4 plots in Lunglei and 11 plots in Mamit District. To achieve the GLMP activity, farmers need to be informed and taught about the technology of MiSALT. As an initiative to educate the farmers, the capacity of respective CRPs of each village are to be build. Therefore, the training to CRPs on MiSALT is conducted for 2 (two) days ie 23<sup>rd</sup> and 24<sup>th</sup> March 2023. The Schedule and attendance of the training is attached in Annexure 2 & 3.

### **TRAINING DAY 1:**

The first day of the training was conducted at Agriculture Conference Hall which consist of building the CRPs knowledge on MiSALT consisting of different sessions presented by Mrs. Lalchhuanawmi Pachuau, Team Leader & NRM Expert of Green-Ag GLIU, Mizoram supported by Dr. H. Ramchhanliana, FFS Expert and Mr. R. Lalhriatpuia & Mr. R. Lalruatmawia, DSOs of both the district. The sessions learning includes topics like What is MiSALT, Contour trash bunding (CTB), Very Important plants and the indigenous VIPs available in the landscape were also discussed. The step-by-step MiSALT calendar was also taught to the participants in detail. As CTBs are to be put in contour, the CRPs were explained on how to make A-Frame for marking contour lines, the materials required for making the frame which are locally available, marking contour line in steep slopes



and laying *changkham* securely so that it will withstand heavy rainfall in Mizoram. There was a very good interactive session in every session, in which all the doubts were cleared in the training hall itself. The demonstration plots in all villages were already verified and selected by the Village Implementation Committees (VICs) of each village, therefore, the first day concluded with thorough planning for each plot like number of contour lines to be marked, number and kinds of VIPs required and the seasonal and permanent crops to be cultivated by each farmer and were recorded.



## TRAINING DAY 2:

The second day was utilized for practical session at HM SALT farm, Pukpui Lunglei. The knowledge gained through theoretical session in the first day was practically taught in the field. The CRPs practically prepared A-frame using locally available materials like bamboo, rope and stone. These A-Frame were used to mark contour line on that day, all the CRPs participated enthusiastically in the practical session. Contour line marking was done by each CRPs. Laying



of *changkham* and reinforcing them was also practically applied. Some of the VIPs like *Dysoxylum gobara*, *Tephrosia candida* were also available in the farm which is a very good experience for them to know about the VIPs. The spacing and arrangements of seasonal, permanent and VIPs were also practically explained in the farm.

The training to CRPs on MiSALT is very interactive and practical, in which the CRPs are well trained so as to guide the MiSALT farmers and it is concluded that, the CRPs are capable of guiding the farmers to established the MiSALT Demonstration Plot in the selected villages.



## Annexure 1

Sl. No.	Name of the MiSALT farmer	Gender	District	Village	Area of Demo plot (Acre approx.)
1	Sathmingthanga	Male	Lunglei	West Bunghmun	1
2	Z.D. Lalmunliana	Male	Lunglei	West Bunghmun	1
3	Rosanga	Male	Lunglei	Laisawral	1
4	Vanlalhuma	Male	Lunglei	Laisawral	1
5	R. Sangkunga	Male	Mamit	New West Phaileng	1
6	Vanrothanga	Male	Mamit	West Phaileng	1
7	Lalbiakliana	Male	Mamit	Phuldungsei	1
8	J. Lalliankima	Male	Mamit	Phuldungsei	1
9	Chanchinmawia	Male	Mamit	Pukzing	1
10	Thangzuala	Male	Mamit	Pukzing	1
11	S.T. Vanlalzauva	Male	Mamit	Damparengpui	1
12	Vanlaldika	Male	Mamit	Damparengpui	1
13	R. Laltanpuia	Male	Mamit	Teirei	1
14	Zairema	Male	Mamit	Tuirum	1
15	Lalremsanga	Male	Mamit	Tuirum	1

## Annexure 2

### Schedule for training of CRP on MiSALT

Date & Time	Session	Resource Person
<b>23/03/2023</b>		
10:00 am – 10:15 am	Registration	
10:15 am – 11:15 am	What is MiSALT, Contour Trash Bunding, Very Important Plants	Team Leader & NRM Expert supported by FFS Expert of Green Ag GLIU, Mizoram
11:15am – 12:15am	How to make A-Frame, Contour line marking, Laying of Changkham (CTB)	Team Leader & NRM Expert supported by FFS Expert of Green Ag GLIU, Mizoram
12:15 -1:00pm	Lunch break	
1:00pm – 4:00pm	Planning on 16 numbers identified MiSALT plot	All training participants
<b>24/03/2023</b>	Field work at HM SALT Farm, Pukpui whole day (Vehicle will move at 9:30 am from DAO Office complex)	All training participants

ATTENDANCE SHEET FOR 2 DAYS TRAINING ON MISALT FOR CRP

DATE: 23/03/2023

SN	NAME	DESIGNATION	SIGNATURE
1	K. Lalrammang	CRP	
2	David C. Zothansanga	"	
3	lalthmingsanga	"	
4	K. Lalrin chhana	"	R. H. Lalrin
5	Abraham Lalrinpuia	CRP	
6	LALNUNPUIA	CRP	
7	R. ZODINTK UANGA	CRP	
8	Joseph Ramengmauia	CRP	
9	H. Ramchhauhiane	FFS Expert, GLU	
10	R. Lalhinpuia	DSO, Cuylei	
11	R. Lalhalmawia	DSO, Mamit	
12	Ventalehhenelama	AME Cuylei	
13	Apelchhuanami Paikun	Team Leader	
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ATTENDANCE SHEET FOR 2 DAYS TRAINING ON MISALT FOR CRP

DATE: 24/03/2023

SN	NAME GCF/IND/183/GFF	DESIGNATION	SIGNATURE
1	K. Lalrammiana	CRP	<i>K. Lalrammiana</i>
2	David L. Zothansarga	CRP	<i>David L. Zothansarga</i>
3	Lalthmingsarga	CRP	<i>Lalthmingsarga</i>
4	K. Lalxinchhana	CRP	<i>R. Lalxinchhana</i>
5	Abraham Lalxinpuia	CRP	<i>L. Lalxinpuia</i>
6	LALNUNPUIA	CRP	<i>Lalnunpuia</i>
7	R. ZODINTLUANGA	CRP	<i>R. ZODINTLUANGA</i>
8	Joseph Ramengmauia	CRP	<i>Joseph Ramengmauia</i>
9	Vantalehheindama	BAE	<i>Vantalehheindama</i>
10	R. Labualrawia	DSO, Manipal	<i>R. Labualrawia</i>
11	Lalchhuanawmi Pachuau	TL & NRM Expert	<i>Lalchhuanawmi Pachuau</i>
12	Dr. H. Ramchandra	PFS Expert	<i>Dr. H. Ramchandra</i>
13	R. Lalxinpuia	ASO, Lunglei	<i>R. Lalxinpuia</i>
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