

## Requisite Information of KVK, Khawzawl, Champhai District.

### 1. KVK : Khawzawl, Champhai District

### 2. Summary of Agricultural Technologies assessed and Refined under different thematic Areas during 2011-12

Sl. No.	Thematic area	No. of Technology Assessed	No. of Trials
1.	Varietal Evaluation	13	26
2.	Integrated Nutrient Management		
3.	Integrated Crop Management		
4.	Integrated Pest Management	1	2
5.	Integrated Disease Management	1	2
6.	Weed Management	1	2
7.	Water management	2	4
8.	Storage technique		
9.	Farm Machineries		
9.	Value addition		
10.	Small scale income generating enterprise		
11.	Seed / Plant production	1	2
12.	Drudgery reduction		
	<b>Total</b>	<b>19</b>	<b>38</b>
Sl. No.	Thematic area	No. of technology refined	No. of trials
1.	Integrated Nutrient management		
2.	Varietal Evaluation		
3.	Storage Technique		
4.	Integrated Crop Management		
5.			
6.			
	<b>Total</b>		

### 3. Summary of Livestock Technologies assessed and refined under different thematic areas during 2011-12

Sl. No.	Thematic area	No. of Technology Assessed	No. of Trials
1	Disease Management		
2	Evaluation of breed		
3	Feed and fodder Management	1	2
4	Nutrition Management	1	2
5	Production and Management		
	<b>Total</b>	<b>2</b>	<b>4</b>
Sl. No.	Thematic area	No. of Technology Refined	No. of Trials
1	Feed and fodder Management		
2	Nutrition Management		
	<b>Total</b>		

#### 4. Frontline Demonstration on Oilseeds Crops during 2011-12

Crop	No. of Farmers/ Demonstrations	Area (ha)	Average Yield (q/ha)		% Increase (Av.)	Average Cost of cultivation (Rs./ha)		Av. Benefit-Cost Ratio
			Demo	Check		Demo	Check	
Groundnut								
Lentil								
Linseed								
Mustard								
Rapeseed								
Sesamum								
Soybean								
Toria								
<b>Total</b>								

#### 5. Frontline Demonstration on Pulse crops during 2011-12

Crop	No. of Farmers/ Demos	Area (ha)	Average Yield (q/ha)		% Increase (Av.)	Average Cost of cultivation (Rs./ha)		Av. Benefit-Cost Ratio
			Demo	Check		Demo	Check	
Soybean(Var JS 335)	2	0.25	11.42	13	*-13.38	33,000/-	33,000/-	1:1.21
Black gram								
Cowpea								
Rice bean								
<b>Total</b>	<b>2</b>	<b>0.25</b>	<b>11.42</b>	<b>13</b>	<b>13.38</b>	<b>33,000/-</b>	<b>33,000/-</b>	<b>1:1.21</b>

\*Soyabean JS-335 can be grown successfully at upland valley areas as well as foot hills .But the seed was smaller then the local variety which greatly effect the weight and seed yield.

#### 6. Frontline Demonstration on Maize during 2011-12

Variety	No. of Farmers/ Demos	Area (ha)	Average Yield (q/ha)		% Increase (Av.)	Average Cost of cultivation (Rs./ha)		Av. Benefit-Cost Ratio
			Demo	Check		Demo	Check	
HQPM-1	2	0.25	54.5	41.4	24	60,000/-	60,000/-	1:1.86
<b>Total</b>	<b>2</b>	<b>0.25</b>	<b>54.5</b>	<b>41.4</b>	<b>24</b>	<b>60,000/-</b>	<b>60,000/-</b>	<b>1:1.86</b>

#### 7. Frontline Demonstration on Other Crops during 2011-12

Crop	No. of Farmers/ Demos	Area (ha)	Average Yield (q/ha)		% Increase	Av. Cost of cultivation (Rs./ha)		Av. Benefit-Cost Ratio
			Demo	Check		Demo	Check	
INM in rice								
IFS in rice(Paddy cum fish culture)	2	0.25	49	47.2	3.6	61,000/-	39,000/-	1:1.78
IPM in Rice								
Jute								
Wheat								
<b>Total</b>	<b>2</b>	<b>0.25</b>	<b>49</b>	<b>47.2</b>	<b>3.6</b>	<b>61,000/-</b>	<b>39,000/-</b>	<b>1:1.78</b>

## 8. Frontline Demonstration on Livestock & Other Enterprises during 2011-12

Enterprise	No. of farmers/ Demons	No. of animals, poultry birds etc.	Performance parameters / Indicators	% change in the parameter
<b>Dairying</b>			General health, Milk Production and Growth rate	
<b>Poultry</b>			Egg production, Egg weight and disease resistance	
<b>Goatery</b>			Litter size at birth & weaning, individual body wt at birth, weaning, 20 <sup>th</sup> & 32 <sup>nd</sup> week	
<b>Duckery</b>			Body weight, Egg production and Egg weight	
<b>Piggery</b>			Litter size at birth & weaning, individual body wt. at birth, weaning, 20 <sup>th</sup> & 32 <sup>nd</sup> week	

## 9. Training programmes for farmers during 2011-12

Sl. No.	Thematic area	No. Of course	No. Of participants		
			M	F	T
1.	Crop production	3	163	8	171
2.	Horticulture				
	a. Vegetable crops				
	b. Fruits	3	95	5	100
	c. Ornamental plants				
	d. Plantation crops				
	e. Tuber crops				
	f. Spices				
	g. Medicinal and Aromatic Plants				
	h. Preservation				
3.	Soil Health and Fertility Management				
4.	Livestock Production and management	4	143	38	181
5.	Home science/Women empowerment				
6.	Agri. Engineering				
7.	Plant Protection	4	193	38	231
8.	Fisheries				
9.	Production of Inputs at site	1	10	-	10
10.	Capacity Building and Group Dynamics				
11.	Agro forestry				
	<b>Total</b>	<b>15</b>	<b>604</b>	<b>89</b>	<b>693</b>

## 10. Training programmes for Rural Youth (RY) during 2011-12

Sl. No.	Thematic area	No. Of course	No. Of participants		
			M	F	T
1	Integrated Crop Management				
2	Horticulture				
3	Farm Management				
4	Capacity building and group dynamics				
5	Soil & water conservation				
6	Home Science/Women Empowerment				
7	Plant Production				
8	Livestock				
9	Fishery (Integrated fish farming, Intensive aquaculture, Value addition.)				
10	Integrated Nutrient Management				
11	Integrated Pest Management				
12	Integrated Farming System				
13	Sericulture				
14	Others				
	<b>TOTAL</b>				

Note: Rural Youth includes students also

## 11. Training programmes for Extension Personnel (EP) during 2011-12

Sl. No.	Thematic area	No. Of course	No. Of participants		
			M	F	T
1	Crop Production	1	10	1	11
2	Horticulture	1	10	1	11
3	Capacity Building and Group Dynamics				
4	Integrated Farming System				
5	Integrated Nutrient Management				
6	Plant Protection				
7	Soil Health & Fertility Management				
8	Watershed management				
9	Livestock production and management(Dairy and poultry farming)	1	10	1	11
10	Integrated Crop Management				
11	Integrated Pest Management				
12	Fishery				
13	Home Science & Women Empowerment				
14	Others(Vermi Composting)	1	10	1	11
	<b>Total</b>	<b>4</b>	<b>40</b>	<b>4</b>	<b>44</b>

## 12. Sponsored training programmes conducted by KVK during 2011-12

Sl. No.	Discipline	No. Of course	No. Of participants		
			M	F	T
1	Agri. Economics				
2	Agri. Engineering				
3	Agri. Extension				
4	Agronomy	6	193	10	203
5	Animal Science	5	153	39	192
6	Capacity building				
7	Crop Production				
8	Entomology				
9	Fisheries				
10	Home Science				
11	Horticulture	4	105	6	111
12	Inter Disciplinary				
13	Plant Breeding				
14	Plant Pathology	2	103	8	111
15	Plant Protection	2	90	30	120
16	Soil Science				
17	Plantation Crops				
	<b>Total</b>	<b>19</b>	<b>644</b>	<b>93</b>	<b>737</b>

### 13. Summary of Extension Activities organized by KVK under Zone-III during 2011-12

Sl. No.	Activities	No. of Programmes	Beneficiaries (No.)
1	Diagnostic visits	22	22
2	Advisory Services		
3	Animal Health Camp		
4	Training manual		
5	Celebration of important days	5	17
6	Exhibition		
7	Exposure visits		
8	Extension Literature		
9	Farm Science Club Conveners meet		
10	Farmers Seminar		
11	Farmers Visit to KVK	50	50
12	Field Day	10	360
13	Film Show	3	150
14	Group meetings		
15	Kisan Gosthi		
16	Kisan Mela		
17	Lectures delivered as resource persons	1	50
18	Mahila Mandal Conveners' meetings		
19	Method Demonstrations		
20	Newspaper coverage	12	900
21	Popular articles		
22	Radio talks		
23	Scientists visit to farmers field	22	22
24	Self Help Group Conveners meetings		
25	Soil health Camp		
26	Soil test campaigns		
27	TV talks	4	850
28	Workshop		
	<b>Total</b>	<b>129</b>	<b>2421</b>

### 14. Scientific Advisory Committee of KVK during 2011-12

KVK	No. of SAC conducted	Date
KVK, Khawzawl Champhai District	2	19.4.2011 & 15.2.2012

## 15. Production of seeds, planting materials and bio-products during 2011-12

Sl. No.	Major group/ class	Quantity
<b>A.</b>	<b>Seeds (Qt)</b>	
1	Cereals	10.8
2	Oilseeds	
3	Pulses	0.65
4	Vegetables	
5	Others	
	<b>Total</b>	<b>11.45</b>
<b>B.</b>	<b>Planting materials (Nos.)</b>	
1	Fruits	400
2	Plantation crops	1000
3	Vegetables	3000
	<b>Total</b>	<b>4400</b>
<b>C.</b>	<b>Bio-products</b>	
1	Bio-fertilizers (qt)	
2	Bio-agents (qt)	1,50,000 Nos : 100 kg
3	Bio-pesticides (ltr)	
	<b>Total (excluding bio-pesticides)</b>	<b>4411.45</b>

## 16. Status of Revolving Fund of KVK during 2011-12

KVK	Activities	Income generated (Rs.)
KVK, Khawzawl Champhai District	Sale proceeds of farm produce	40,000/-
	<b>Total</b>	<b>40,000/-</b>

## 17. Achievement of Water Harvesting Structure under Zone-III during 2011-12

KVK	No. of Training programme	No. of demonstration	No. of planting materials produced	Visit by farmers	Visit by KVK staff

## 18. Awards and recognitions

Sl. No.	Name of Award/ recognition/ fellowship	Professional Society/ Govt.	Value of award	Contribution/ achievement

**19. Gender Issues for technological empowerment of farm women in agriculture during 2011-12.**

Home grown vegetable and value addition of agricultural produce by farm women secure their household food and nutrition requirement to some extent. In this regard, KVK Champhai district plays a very important role by creating awareness to them through training, demonstration and monitoring them as per their needs. Some farm women formed SHG like Lily Self Help group consisting of 10 members and grow pineapple and piggery. This group not only earn their income by growing pineapple or from piggery, they can take loans from their group money when needed and repay with interest. KVK, Champhai monitored their activity by visiting their farm and give suggestion to them in their farming as per their needs.



Preparation of Pickle, jam, Chips etc- KVK, Champhai District



Figure 1: Kitchen Gardening and Piggery.



**20. Status of Soil & Water Testing Labs in KVKs under Zone-III during 2011-12 : NA**

Sl. No.	Samples tested/ Analysed	Nos.	Farmer beneficiaries	Village covered
1.	Soil sample			
	<b>Total</b>			

