

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Chhimtuipui

Period:	21	-	25,	January,	2015
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Date of issue: 20th January, 2015 Bulletin No: -485/2015/ Bulletin/English 21.01.2015 **Parameters** 22.01.2015 23.01.2015 24.01.2015 25.01.2015 Rainfall (mm) 0 0 0 0 0 25 Max Temp (oC) 2526 26 26 Min Temp (oC) 5 5 6 6 6 **Cloud Coverage** Clear sky Clear sky Clear sky Partially cloudy Mainly clear **Max RH (%)** 95 94 93 93 96 Min RH (%) 32 28 31 30 24 Wind Speed (KmpH) 4 4 4 4 4 ***Wind Direction** E Е Е E N-E Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly-W, North-westerly- N-W. STATUS OF MONSOON- December 1-31, 2014 (Percent of deviation from normal in parenthesis) Kolasib- 0.00 mm Kolasib- 0.00 mm Kolasib- 0.00 mm Kolasib- 0.00 mm (0.00mm)(0.00mm)(0.00mm)(0.00mm)Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm (0.00mm)(0.00mm)(0.00mm)(0.00mm)Weather forecast valid from 21st January, 2015 To 25th Weather summary of the past **January**, 2015. three days There is no chance of light rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 25-26⁰C and 5-6°C. Maximum relative humidity is expected in the range of 93-96% and minimum may from 24-32%. Wind direction would be northeasterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days. Weekly cumulative rainfall: 00.0 mm Cultural practices/ Agricultural / Horticultural/ animal Main Crop/ Stage Animal Pest/ Diseases husbandry advisories /Fisheries Vegetative stage Khasi Canker • Prune the diseased and dead twigs. Mandarin • Wound dressing with Bordeaux paste and LAWNGTLAL mulch with dry grass to conserve moisture SAIHA and suppress the growth of weed. • For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.



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		0	• Excess water removes from the base of the
			plant.
Banana	Vegetative/	1	✓ Remove water sucker, keep 1or 2 plants in
	harvesting	1 5	single place.
	1 13		\checkmark Remove sword sucker and use it as ne
		KOLASIB	planting material.
		1.	\checkmark Provide irrigation to the base of the plant.
	1	W2 ()	✓ Fertilizer application in split dose
	5		recommended dose.
	1	5 6 1	\checkmark Harvest fruits when the flower tips of the
			fruit dehiscent.
Pineapple	Vegetative stage	(• Clean the vicinity of plants by weeding an
	J' MAMIT	1	loosen up the soil.
	5	AIZAWL C	o Remove slips and use it as a new planting
	1		material.
		1	• Sucker dipping treatment with Bavistin
	2	3. 8.0	3g + Chloropyriphos @ 1 g/lt of water
		1 12	protect against soil borne disease an
	1 1	~ 1	insect.
	12		• Weeding and intercultural operation.
	E.	SERCHHI	0 1
Cucurbits	Vegetative stage	Nº Car	4 Land is ploughed to a fine tilth and pits
	1		60 cm diameter and 30-45cm depth a
			made at a spacing of 2.0-2.5x 2.0-2.5 i
		and the second second second second	2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m f
		LUNGLEI	pumpkin, bottle gourd cucumb
	5		respectively. Well rotten FYM should l
		S.	applied in pits and filled with top soil up
		A V	3/4th height and 2-3 seeds will be sown
		PA I	each pit. In case of chow-chow, fruit are planted
		177 (1	with broad end downwards, 2/3rd portio
		N LA Y	below soil at a spacing of 3.5 x 2.0 m.
		F Y I	 Polythene nursery raising can be don
		LAWNGTLAL	initiate
		Damping off and	\checkmark Seed treatment with thiram 3g/kg seed or
		Blight	Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed



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Brinjal Fruiting stage Composition of a copper oxychloride/ It of water at 10-15 DAS are effective. Brinjal Fruiting stage Weeding near the plant Composition of the plant. Fertilizer application in split dose of recommended dose. Disease: Damping off- Seed treatment with captan, thiram or chlorothaloni will effectively control this disease. Cowpea Fruiting stage Seed treatment with captan, thiram or mound near the base. Cowpea Fruiting stage Weeding near the plant Scab and leaf blight Vue so resistant varieties. Mustard and toria Scab and leaf blight Vue of resistant varieties. Damping off Secret Provide irrigation to the plant. Weeding near the plant Secret Secret Damping off Weeding near the plant. Secret treatment with thiram 3g/kg seed or Trichoderma vinde 4g+ metalaxyl 4g Mustard sawfly Mustard sawfly Application of the field. Mustard sawfly Applid in the field. Trichoderma 3G @ 100g/m ² in nursery is gui				
Brinjal Fruiting stage Weeding near the plant Feruitizer application in split dose of recommended dose. Provide irrigation to the plant. Seed treatment with captan, thiram or chlorothalonil will effectively control this disease. Sulfur fungicides can be used to control this disease. Cowpea Fruiting stage Scab and leaf blight disease Weeding near the plant. Secure the plant disease Scab and leaf blight disease Secure the plant. Weeding near the plant.			<u> </u>	✓ Drenching 1% Bordeaux mixture or 2 g
Brinjal Fruiting stage & Weeding near the plant KOLASIB Pertilizer application in split dose of recommended dose. Disease: Disease: Damping off- Seed treatment with captan, thiram or chlorothalonil will effectively control this disease. Cowpea Fruiting stage Fruiting stage Pest: Mites and hoppers- Seab and leaf blight disease. Scab and leaf blight disease Scab and leaf blight disease. Cowpea Scab and leaf blight disease Scab and leaf blight disease - Sulfur fungicides can be used to control this disease. Early Cole crop Vegetative stage Card formation stage. Serectification of Nitrogenous fertilizer urea in card formation stage. Provide irrigation to the plant. Weeding near the plant. Second and tear blight disease Second and tear blight disease Damping off - Mustard sawfly - Vegetative stage - Application of Nitrogenous fertilizer urea in card formation stage. Provide irrigation to the plant. - Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/kg seed - Seed treatment with thiram 3g/kg seed or Trichodeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Mustard and toria Flowering sta				captan or 3 copper oxychloride/ lt of water
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Image: Construct of the sector of the sec	5	8 8	2	• •
Second			Mail Rollin	
Disease: Damping off- • Seed treatment with captan, thiram or chlorothalonil will effectively control this disease. Cowpea Fruiting stage • Seed treatment with captan, thiram or chlorothalonil will effectively control this disease. Cowpea Fruiting stage • Seed treatment with captan, thiram or chlorothalonil will effectively control this disease. Cowpea Fruiting stage • Seed treatment with captan, thiram or chlorothalonil will effectively control this disease. Cowpea Fruiting stage • Suffar fungicides can be used to control this pest. Cowpea Fruiting stage • Trilling into bower structure. Weeding near the plant Coll corop Vegetative stage Card formation stage • Provide irrigation to the plant. • Weeding near the plant. Correct Vegetative stage Damping off • Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron) /k gseed • Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ It of water at 10-15 DAS are effective. Mustard and toria Flowering stage • Mustard sawfly • Application of the field. • Provide irrigation to the field. • To pressing with urea if available or apply cow dung. Pea Flowering Stage • Weeding in the toria plot. • Provide irrigation in the field. • To pressing with urea if available or apply cow dung.		1	NOLASIB	
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Image: Service in a card formation stage. Service irrigation to the plant. Weeding near the plant. Weeding near the plant. Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Understand Mustard sawfly Mustard and toria Flowering stage Veeding in the toria plot. Veeding to the pea plot. Vervide irrigation in the field. To define the plant.				
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SAIHA ✓ Provide irrigation in the field. Aphid ○ In case of aphid infestation apply Imidachloprid 1.5ml/lt of water.	Pea	Flowering Stage	LAWNGTLAL	6
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Imidachloprid 1.5ml/lt of water.				
			Pinta	1 11 7
			2010	- initiatiopha 1.5 mi/it of water.
ЗТРабе			VIN P	3 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Tomato	Vegetative stage	Land preparation	 Weeding near the plant
			✤ Fertilizer application in split dose of
		S S	recommended dose.
	57	1 3	 Provide irrigation in the plant.
	1 12	Damping off	✓ Seed treatment with thiram $3g/kg$ seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	1	1	(Apron)/ kg seed
)	WS	✓ Drenching 1% Bordeaux mixture or 2 g
	5		captan or 3 copper oxychloride/ lt of water
	{	S L	at 10-15 DAS are effective.
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	Commence	blotch	water or Bavistin @ 1g/litre of water, 2-3
	7 MAMIT	1 2	sprayings should be given forthnightly
	8	A AIZAWIL 10	intervals.
			• Spraying of Blitox @ 3 g/l of water was
~.		1	found effective against leaf spot.
Rice	Harvesting stage	3 26	✓ Harvest rice crop
		1 1 1 2	\checkmark Cut residue 20 cm from the base.
	1 1 1 1		\checkmark Open the furrow with the help of furrow
	1	- ACTORNIN	opener.
		SERCHHI	
Dia		Danaina	 ✓ Place the seed and cover by soil. 1. Culling of positive pige or piclets
Pig	All stage <mark>s</mark>	Porcine	1. Culling of positive pigs or piglets.
	116	Reproductive Respiratory	
		Syndrome (PRRS).	
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	Aunt stage	Swille level.	months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every 6
Cattle	In age group	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	i vung stage	Diach Quarter (DQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above
		1 45 7	 Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R_2B
1 outri j	Trant Suge	LAWNGTLA	vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
	Lurry stuge		
		12/1	~



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



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LAWNGTLAL SAIHA



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Period: 21 – 25, January, 2015

District: Kolasib

Parameters	21.01.2015	22.01.2015	23.01.2015	24.01.2015	25.01.2015	
Rainfall (mm)	0	0.01	0	0	0	
Max Temp (oC)	25	26	27-	26	26	
Min Temp (oC)	7	20	7	6	5	
Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Clear sky	
Max RH (%)	<u>93</u>	95	98	97	98	
Min RH (%)	35	31	32	32	28	
Wind Speed (Kmpl		4	4	4	3	
*Wind Direction	E	E E	E E	E E	E S	
willa Difection	Northerly- N, North				Ľ	
	Southerly- S, South SOON- December 1-31 nm Kolasib-	, 2014 (Percent of a		nal in parenthesis)	ib- 0.00 mm	
(0.00n		(0.00mm)	(0.00n		(0.00mm)	
Serchhip-0.00r	and the second se		Serchhip-0.00r		hip-0.00mm	
(0.00m		0.00mm)	(0.00m	2017	(0.00mm)	
	ary of the past			m 21 st January,	· · · · · · · · · · · · · · · · · · ·	
			sets to the balance of the balance			
three		There is no chance of rainfall during the next 5 day. The maximum and				
0				t 5 days may rang		
1	ectively. Partially			is expected in the	-	
•	ed. Wind direction			Vind direction wou	•	
•		the wind speed of 3-4 km per hour. Clear sky will prevail during th				
		next five days.				
	for the past three		~			
days is 00.0mm.				<i>e rainfall:</i> 00.0 mi		
Main Crop/	Stage	Cultural practi		cultural / Horticul		
Animal	1	Pest/ Diseases	s)	husbandry advi	isories	
/Fisheries	1	LI V				
Khasi	Vegetative stage	Canker	• Prune t	he diseased and dea	ad twigs.	
Mandarin		LAWNGTLAN	• Wound mulch and sup	d dressing with Bo with dry grass to press the growth o	ordeaux paste ar conserve moistu f weed.	
			• For ca coppere	nker, spray stre oxycholoride 8 g /1	optomycin 2g 0 lt of water.	
		1.				



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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Banana Vegetative/ harvesting KOLASIB Remove water sucker, keep lor 2 plants in single place. * Remove sword sucker and use it as n planting material. * Provide irrigation to the base of the plant. * Fertilizer application in split dose recommended dose. * Harvest fruits when the flower tips of the fruit dehiseent. Pineapple Vegetative stage • Clean the vicinity of plants by weeding at loosen up the soil. • Cucurbits Vegetative stage • Clean the vicinity of plants by weeding at loosen up the soil. • Weeding and intercultural operation. • Weeding and intercultural operation. • Weeding and intercultural operation. • Provide irrigation to the plant. • Weeding and intercultural operation. • Provide irrigation to the plant. • UNGLED • Weeding and intercultural operation. • Punytice • Jand is ploughed to a fine tilth and pits 60 cm diameter and 30-45cm depth made at a spacing of 2-0.25x 2.0 - 2.5x 2.0-2.5x 1.0-2.0 x 1.0-2.0 m upmpkin, bottle gourd cucumin respectively. Well rotten FYM should applied in pits and filled with top soil up 3/4th height and 2-3 seeds will be sown each pit. • In case of chow-chow, fruit are plant with broad end downwards, 2/3rd porti below soil at a spacing of 3.5 x 2.0 m. • Polythene nursery raising can be do initiate			A	• Excess water removes from the base of the
harvesting single place. Pineapple Vegetative stage Pineapple Vegetative stage Cucurbits Vegetative stage Cucurbits Vegetative stage Damping off and M Seed treatment with thiram 3g/kg seed or initiate Polythene nursery raising can be downwards, 2/3d portible bow soil at a spacing of 3.5 x 2.0 m. Polythene nursery raising can be downwards, 2/3d portible bow soil at a spacing of 3.5 x 2.0 m. Polythene nursery raising can be downwards, 2/3d portible bow soil at a spacing of 3.5 x 2.0 m. Pamping off and M Bilight	-			plant.
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Cucurbits Vegetative stage ✓ LungLei ✓ LungLei LungLei ✓ Seed treatment with thiram 3g/kg seed on initiate ✓ Seed treatment with thiram 3g/kg seed on Trichoderma viride 4g+ metalaxyl 4g		1.0	~ 1	
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below soil at a spacing of 3.5 x 2.0 m. Polythene nursery raising can be dominitiate Damping off and Blight ✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g			1 9 AL	-
Image: Constraint of the second s				
Image: LawngtLay initiate Damping off and IA ✓ Seed treatment with thiram 3g/kg seed or Blight Trichoderma viride 4g+ metalaxyl 4g				1 0
Damping off and Blight✓Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g			1	
Blight Trichoderma viride 4g+ metalaxyl 4g				
(Apron)/ kg seed			Blight (1997)	
			1	(Apron)/ kg seed



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



,			
			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
		5	at 10-15 DAS are effective.
Brinjal	Fruiting stage	1 3	 Weeding near the plant
	1 1.5	5	✤ Fertilizer application in split dose of
		KOLASIB	recommended dose.
	de la companya de la comp		 Provide irrigation to the plant.
)	Disease:	• Seed treatment with captan, thiram or
	(Damping off-	chlorothalonil will effectively control this
	(disease.
	10	Pest:	• Sulfur fungicides can be used to control
	1	Mites and hoppers-	this pest.
Cowpea	Fruiting stage		Trilling into bower structure.
-	5	Lawrence de	Weeding near the plant.
	S	AIZAWIL C	4 Draining of excess water and preparation
		5	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
	1	disease	
Early Cole crop	Vegetative stage	Card formation stage	✤ Application of Nitrogenous fertilizer urea
			in card formation stage.
	6	SERCHHI	
		Value	• Weeding near the plant.
	1	Damping off	✓ Seed treatment with thiram 3g/kg seed or
	1		Trichoderma viride 4g+ metalaxyl 4g
	1		(Apron)/ kg seed
	1	LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	>	Second Collection	captan or 3 copper oxychloride/ lt of water
	1	~	at 10-15 DAS are effective.
	5	Mustard sawfly	\checkmark Application of carbofuran 3G @ 100g/m ²
			in nursery is quite effective.
Mustard and	Flowering stage	(A A)	• Weeding in the toria plot.
toria	0 0	()	• Provide irrigation in the field.
		1 1	• Top dressing with urea if available or apply
		1	cow dung.
Pea	Flowering Stage	LAWNGTLAN	\checkmark Weeding in the pea plot.
	0 0	/ SAIHA	\checkmark Provide irrigation in the field.
		Aphid	o In case of aphid infestation apply
			Imidachloprid 1.5ml/lt of water.
J		N N S	
			3 P a g e

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Tomato	Vegetative stage	Land preparation	 Weeding near the plant
			✤ Fertilizer application in split dose of
		S S	recommended dose.
	57	1 3	 Provide irrigation to the plant.
	1 12	Damping off	✓ Seed treatment with thiram $3g/kg$ seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	1	1	(Apron)/ kg seed
)	WS	✓ Drenching 1% Bordeaux mixture or 2 g
	5		captan or 3 copper oxychloride/ lt of water
		S L	at 10-15 DAS are effective.
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	Commence of the second s	blotch	water or Bavistin @ 1g/litre of water, 2-3
	7 MAMIT	1 2	sprayings should be given forthnightly
	8	A AIZAWIL 10	intervals.
			• Spraying of Blitox @ 3 g/l of water was
D !		1	found effective against leaf spot.
Rice	Harvesting stage	1 66	\checkmark Harvest rice crop
		1 12	\checkmark Cut residue 20 cm from the base.
	1 1		\checkmark Open the furrow with the help of furrow
	1	SERCHH	opener. ✓ Place FYM and fertilizer.
		(~	 Place the seed and cover by soil.
Pig	All stages	Porcine	1. Culling of positive pigs or piglets.
rig	All stages	Reproductive	1. Cutting of positive pigs of piglets.
		Respiratory	
		Syndrome (PRRS).	
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	Multi Stage	Swine rever.	months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every 6
Cuttic	in uge group	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	i vung buge		 Primary vaccination 6 month or above
		1 22 1	 Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R_2B
r outer y	Trait Suige	LAWNGTLA	vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
	Lurry stuge		
		1 2 1 1	\sim



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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LAWNGTLAL SAIHA



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Lawngtalai

Period:	21	-	25,	January,	2015
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	1 Sec. 1	E.	1 C		
Parameters	21.01.2015	22.01.2015	23.01.2015	24.01.2015	25.01.2015
Rainfall (mm)	0	KAI O COL	0	0	0
Max Temp (oC)	25	27	27	26	27
Min Temp (oC)	7	K 7	7	7	7
Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Mainly clear
Max RH (%)	89	- 92	92	87	86
Min RH (%)	32	29	31	30	24
Wind Speed (Kmp	H) 4	4	3	4	4
*Wind Direction	E	E	Е	N-E	N-E
	Northerly- N, Nort				
	Southerly- S, South				
	SOON- December 1-3				
Kolasib- 0.00			Mamit-0.00 n		wl-0.00 mm
(0.00)		(0.00mm)	(0.00n		(0.00mm)
Serchhip-0.00			Lunglei-0.00n		uipui-0.00mm
(0.001	nm) 🛛 🚶 🛌	(0.00mm)	(0.00n		(0.00mm
Weather sum	nary of the past	Weather for	ecast valid fro	m 21 st January.	, 2015 To 25 th
	e days		and the second se	ry, 2015.	/
		minimum tempera 7 ⁰ C. Maximum re and minimum may with the wind spe- the next five days.	tures for the nex elative humidity from 24-32%. V ed of 3-4 km pe	ng the next 5 day. ' (t 5 days may rang is expected in the Wind direction wou r hour. Clear sky (be rainfall: 00.0 m)	ge for 25-27 ⁰ C at e range of 86-92 ild be northeaster will prevail durin m
Main Crop/	Stage	Cultural practic		cultural / Horticul	
Animal		Pest/ Diseases		husbandry adv	
/Fisheries			(
Khasi	Vegetative stage	Canker	• Prune f	he diseased and de	ad twigs
Mandarin	, egenure buge	LAWNGTLA	• Woun mulch and sup • For ca	d dressing with B with dry grass to ppress the growth o anker, spray stre oxycholoride 8 g /1	ordeaux paste an conserve moistu of weed. coptomycin 2g



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		• Excess water removes from the base of t plant.
Banana	Vegetative/ harvesting	 Remove water sucker, keep 1or 2 plants in single place. Remove sword sucker and use it as no planting material. Provide irrigation to the base of the plant.
		 ✓ Fertilizer application in split dose recommended dose. ✓ Harvest fruits when the flower tips of t fruit dehiscent.
Pineapple	Vegetative stage	 Clean the vicinity of plants by weeding a loosen up the soil. Remove slips and use it as a new planti material. Sucker dipping treatment with Bavistin 3g + Chloropyriphos @ 1 g/lt of water protect against soil borne disease a invest.
Cucurbits	Vegetative stage	 insect. Weeding and intercultural operation. Provide irrigation to the plant. Land is ploughed to a fine tilth and pits 60 cm diameter and 30-45cm depth a made at a spacing of 2.0-2.5x 2.0-2.5
	2	LUNGLEI 2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m f pumpkin, bottle gourd cucumb respectively. Well rotten FYM should applied in pits and filled with top soil up 3/4th height and 2-3 seeds will be sown each pit.
		 In case of chow-chow, fruit are plant with broad end downwards, 2/3rd portibelow soil at a spacing of 3.5 x 2.0 m. Polythene nursery raising can be dor initiate Damping off and IA ✓ Seed treatment with thiram 3g/kg seed or
		Blight Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed
		2 Page



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1			
			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
			at 10-15 DAS are effective.
Brinjal	Fruiting stage	1 3	 Weeding near the plant
-		5	✤ Fertilizer application in split dose of
		KOLASIB	recommended dose.
	1	I I COLICIE	Provide irrigation to the plant.
)	Disease:	• Seed treatment with captan, thiram or
	(Damping off-	chlorothalonil will effectively control this
	(disease.
	1	Pest:	• Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Fruiting stage		Trilling into bower structure.
•	0) a second have	✤ Weeding near the plant
	5	AIZAWL C	4 Draining of excess water and preparation
		5	mound near the base.
	10	Scab and leaf blight	✓ Use of resistant varieties.
	1	disease	
Early Cole crop	Vegetative stage	Card formation stage	 Application of Nitrogenous fertilizer urea
J J J J J J J J J J J J J J J J J J J			in card formation stage.
	6	SERCHHI	
	1	W L	• Weeding near the plant.
	5	Damping off	✓ Seed treatment with thiram 3g/kg seed or
	1	I D	Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	2	eximale entit	captan or 3 copper oxychloride/ lt of water
	- F	~	at 10-15 DAS are effective.
	5	Mustard sawfly	✓ Application of carbofuran 3G @ 100g/m ²
			in nursery is quite effective.
Mustard and	Flowering stage	(A A)	• Weeding in the toria plot.
toria	0 0	$\langle \rangle \rangle$	• Provide irrigation in the field.
		1 ~ 1	• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLAL	\checkmark Weeding in the pea plot.
	0 0	/ SAIHA	\checkmark Provide irrigation in the field.
		Aphid	o In case of aphid infestation apply
			Imidachloprid 1.5ml/lt of water.
J.		2015	1
		N N M	3 P a g e

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Tomato	Vegetative stage	Land preparation	 Weeding near the plant
			✤ Fertilizer application in split dose of
			recommended dose.
	17	1	 Provide irrigation to the plant.
	1 1-2	Damping off	✓ Seed treatment with thiram $3g/kg$ seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	1	1	(Apron)/ kg seed
		WS	✓ Drenching 1% Bordeaux mixture or 2 g
	5	2 1	captan or 3 copper oxychloride/ lt of water
	{		at 10-15 DAS are effective.
		Leaf spot and leaf	• Spraying Dithane M-45 @ 2.5g/litre o
	£	blotch	water or Bavistin @ 1g/litre of water, 2-
	7 MAMIT	1 2	sprayings should be given forthnightly
	8	LAIZAVIL TO	intervals.
			• Spraying of Blitox @ 3 g/l of water wa
		1	found effective against leaf spot.
Rice	Harvesting stage	1 66	✓ Harvest rice crop
		1 1 2	\checkmark Cut residue 20 cm from the base.
	1		\checkmark Open the furrow with the help of furrow
	12	- ACTORNUM	opener. ✓ Place FYM and fertilizer.
	5	SERCHHI	NO VER V
Dia	All stages	Porcine	✓ Place the seed and cover by soil.
Pig	All stage <mark>s</mark>	Reproductive	1. Culling of positive pigs or piglets.
		Respiratory	
		Syndrome (PRRS).	
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at
	Multi Stage	Swine rever.	months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every
cume	in uge group	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	i vung buge		 Primary vaccination 6 month or above
		1 25 1	 Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂
		LAWNGTLAK	vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
	Suge		-r



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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LAWNGTLAL SAIHA



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Period: 21 – 25, January, 2015

District: Lunglei

Parameters	21.01.2015	22.01.2015	23.01.2015	24.01.2015	25.01.2015	
Rainfall (mm)	0	KOL ASIR	0	0	0	
Max Temp (oC)	25	26	26	26	26	
Min Temp (oC)	5	6	5	4	4	
Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Mainly clear	
Max RH (%)	97	98	98	97	96	
Min RH (%)	32	28	30	30	25	
Wind Speed (Km)		4	2	2	2	
*Wind Direction	E	E	N-E	E	N-E	
STATUS OF MON Kolasib- 0.00	Northerly- N, North Southerly- S, South NSOON- December 1-31	-Westerly- S-W, W , 2014 (Percent of d	esterly-W, North	h-westerly- N-W. <i>nal in parenthesis</i>)	ib- 0.00 mm	
(0.00		0.00 mm	(0.00 n) (0.00 n)		(0.00 mm)	
Serchhip-0.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
(0.00		p-0.00mm Serchhip-0.00mm Serchhip-0.00mm (0.00mm) (0.00mm) (0.00mm)				
	mary of the past			m 21 st January.		
	e days	and the second se	and the second se	y, 2015.	, ,	
	Z	There is no chance minimum tempera $4-6^{0}$ C. Maximum and minimum may with the wind spec the next five days.	tures for the nex relative humidity from 25-32%. W ed of 2-4 km per	t 5 days may rang is expected in the vind direction wou	e for 25-26 ⁰ C ar e range of 96-98 ld be northeaster will prevail durir	
Main Crop/	Stage	Cultural practic		ultural / Horticul		
Animal /Fisheries		Pest/ Diseases	0	husbandry adv		
Khasi	Vegetative stage	Canker	• Prune th	ne diseased and de	ad twigs.	
Mandarin		LAWNGTLAN	mulch v	l dressing with B with dry grass to press the growth o	conserve moistur	
				nker, spray stre xycholoride 8 g /1		



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			• Excess water removes from the base of the
			plant.
Banana	Vegetative/		\checkmark Remove water sucker, keep 1 or 2 plants in a
	harvesting	1	single place.
	1 1-2	5	\checkmark Remove sword sucker and use it as new
		KOLASIB	planting material.
	1	0	\checkmark Provide irrigation to the base of the plant.
		WAS ST	✓ Fertilizer application in split dose of
	()	1 1	recommended dose.
	(\checkmark Harvest fruits when the flower tips of the
	1	(2)	fruit dehiscent.
Pineapple	Vegetative stage	/ 3	• Clean the vicinity of plants by weeding and
	? MAMIT	() () () () () () () () () ()	loosen up the soil.
	ζ	December 1.	• Remove slips and use it as a new planting
		AIZAWL C	material.
		5	• Sucker dipping treatment with Bavistin @
	As a	1	3g + Chloropyriphos @ 1 g/lt of water to
	1	1 555	protect against soil borne disease and
		~ 1 ~	insect.
	3.3		• Weeding and intercultural operation.
	6	SERCHHI	• Provide irrigation to the plant.
Cucurbits	Vegetative stage	12-1	4 Land is ploughed to a fine tilth and pits of
Cucuint	, egetative prage		60 cm diameter and 30-45cm depth are
			made at a spacing of 2.0-2.5x 2.0-2.5 m
			2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for
		11111111111111111111111111111111111111	pumpkin, bottle gourd cucumber
		LUNGLEI	respectively. Well rotten FYM should be
	1		applied in pits and filled with top soil up to
	4	~ ~	3/4th height and 2-3 seeds will be sown in
			each pit.
			4 In case of chow-chow, fruit are planted
		1 1 5	with broad end downwards, 2/3rd portion
		1 W Y	below soil at a spacing of 3.5 x 2.0 m.
		1 1	+ Polythene nursery raising can be done.
		LAWNGTLAU	initiate
		Damping off and IA	✓ Seed treatment with thiram 3g/kg seed or
		Blight	Trichoderma viride 4g+ metalaxyl 4g
		Bur	(Apron)/ kg seed
L]	JAL (
		VIN P	2 P a g e

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Guwahati)



,			
		0	✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
		5	at 10-15 DAS are effective.
Brinjal	Fruiting stage	1	 Weeding near the plant
	1 1.5	5	* Fertilizer application in split dose of
		KOLASIB	recommended dose.
	de la companya de la comp		 Provide irrigation to the plant.
)	Disease:	• Seed treatment with captan, thiram or
	(Damping off-	chlorothalonil will effectively control this
	(disease.
	1	Pest:	• Sulfur fungicides can be used to control
	1	Mites and hoppers-	this pest.
Cowpea	Fruiting stage		4 Trilling into bower structure.
-	5	Lawrence de	Weeding near the plant
		AIZAVVL C	4 Draining of excess water and preparation
		5	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
	1	disease	
Early Cole crop	Vegetative stage	Card formation stage	✤ Application of Nitrogenous fertilizer urea
			in card formation stage.
	6	SERCHHI	
		Value	• Weeding near the plant.
	1	Damping off	✓ Seed treatment with thiram 3g/kg seed or
	1		Trichoderma viride 4g+ metalaxyl 4g
	1		(Apron)/ kg seed
	1	LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	>	Second Collection	captan or 3 copper oxychloride/ lt of water
	1	~	at 10-15 DAS are effective.
	5	Mustard sawfly	✓ Application of carbofuran 3G @ $100g/m^2$
			in nursery is quite effective.
Mustard and	Flowering stage	(A A)	• Weeding in the toria plot.
toria	0 0	()	• Provide irrigation in the field.
		1 1	• Top dressing with urea if available or apply
		1	cow dung.
Pea	Flowering Stage	LAWNGTLAN	✓ Weeding in the pea plot.
	0 0	/ SAIHA	\checkmark Provide irrigation in the field.
		Aphid	o In case of aphid infestation apply
		I I I I	Imidachloprid 1.5ml/lt of water.
J		PNS	
		NY NY T	3 P a g e

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* Fertilizer application in split dose or recommended dose. * Provide irrigation to the plant. Damping off Damping off<	Tomato	Vegetative stage	Land preparation	 Weeding near the plant
Provide irrigation to the plant. Damping off				✤ Fertilizer application in split dose of
Pamping off Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Spraying Dithane M-45 @ 2.5g/litre of water, 2-sprayings should be given forthnightly intervals. Spraying of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings should be given forthnightly intervals. Spraying of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings should be given forthnightly intervals. Spraying of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings of Blitox @ 3 g/l of water water or Bavistin @ 1g/litre of water, 2-sprayings should be given forthnightly intervals. Spraying Dithater M-4 and a spraying Dithater M-4 and a spraying Dithater. Place the seed and cover by soil. Culting of positive pigs or piglets. Place the seed and cover by soil. Culting of positive pigs or piglets. Place the seed and cover by soil. Culting of positive pigs or piglets. Place the seed and cover by soil.			Sector Sector	
Rice Harvesting stage Iteaf spot and leaf blotch > Spraying Sinuel Stage > Spraying Oithane M-45 @ 2.5g/litre o water or Bavistin @ 1g/litre of water, 23 spraying Should be given forthnightly intervals. Rice Harvesting stage > Harvesting stage > Vaction of pigs with the help of furrow opener. Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). > Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval Cattle All age group Foot and Month Disease (FMD) > EMOLASIB > Black Quarter (BQ) Young stage Black Quarter (BQ) > Black Quarter (BQ) > Black Quarter (BQ) > Fl vaccine at (1-6) days of birth and R ₂ F vaccine for adult birds.		51	1 3	
Adult stage Pointry Adult stage Pointry FMD Adult stage Pointry Adult stage Ranikhet Disease. Pilace for adult birds. Poultry Adult stage Ranikhet Disease. Pilace for adult birds. Pilace for adult birds. Poultry Adult stage Ranikhet Disease. Pilace for adult birds. Pilace for adult birds. Poultry Adult stage Ranikhet Disease. Pilace for adult birds. Pilace for adult birds.		110	Damping off	
Y Drenching 1% Bordeaux mixture or 2 g captan or, 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Image: Second			KOLASIB	
Rice Harvesting stage Value Server in the server in		4	1. 0	
Adult stageFoot and Mouth Disease (FMD)1. Culling of positive pigs or piglets.PoultryAdult stageFoot and Mouth Disease9. Shack Quarter (BQ). * Primary vaccination annuallyPoultryAdult stageRaikhet Disease. Pri adult stage9. Shack Quarter (BQ). * Primary vaccination annuallyPoultryAdult stageRaikhet Disease. Pri adult stage9. Shack Quarter (BQ). * Primary vaccination annuallyPoultryAdult stageRaikhet Disease. Prise9. Shack Quarter (BQ). * Primary vaccination annuallyPoultryAdult stageRaikhet Disease. Pri Primary vaccination annually Primary vaccination annuallyPoultryAdult stageRaikhet Disease. Primary vaccination annuallyPoultryAdult stageRaikhet Disease. Primary vaccination annuallyPoultryAdult stagePan Primary vaccination annually Primary vaccination annuallyPoultryAdult stagePan Primary vaccination annually Primary vaccination annuallyPoultryAdult stagePan Primary vaccination annually Primary vaccination annually		1	WS ()	
RiceHarvesting stageCattleAdult stagePoultryPoultryAdult stagePoultryFoot and Mouth Disease.0Spraying Dithane M-45 @ 2.5g/litre o water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.RiceHarvesting stageHarvest rice crop < Cut residue 20 cm from the base. < Open the furrow with the help of furrow opener.PigAll stagesPorcine Reproductive Respiratory Syndrome (PRRS).1. Culling of positive pigs or piglets.PigAdult stageSwine fever.2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month intervalPoultryAdult stageBlack Quarter (BQ) Black Quarter (BQ) PoultryAdult stageRanikhet Disease.PoultryAdult s		>		
Nameblotchwater or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly intervals.RiceHarvesting stageRiceHarvesting stageViewAll stagesPorcine Reproductive Respiratory Syndrome (PRRS).PigAll stagePorcine Reproductive Respiratory Syndrome (PRRS).1. Culling of positive pigs or piglets.CattleAll age groupFoot and Mouth Disease (FMD). Stand Mouth Disease (FMD)PoultryAdult stageRanikhet Disease.• F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.			T C C C C	
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Rice Harvesting stage • Harvest rice crop Rice Harvesting stage • Harvest rice crop Vector • Cut residue 20 cm from the base. • Open the furrow with the help of furrow opener. • Place FYM and fertilizer. • Place the seed and cover by soil. 1. Culling of positive pigs or piglets. Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). 2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval Cattle All age group Young stage Black Quarter (BQ) Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.		Sugar	Dioten	
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Young stage Pool and Mouth Disease (FMD) Young stage Black Quarter (BQ) Young stage Black Quarter (BQ) Young stage Ranikhet Disease. Young stage Place Ranikhet Disease. Young stage Place YM and fertilizer. Young stage Young stage Young stage Place for and Mouth Disease. Young stage Place Young Stage. Young stage Primary vaccination of place Young Stage. Young Stage Primary vaccination for annually. Young Stage Primary vaccination for annually. Young Stage Primary vaccination for annually. Young Stage Place Young Stage.	Rice	Harvesting stage	5	
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Pig All stages Porcine 1. Culling of positive pigs or piglets. Pig All stages Porcine 1. Culling of positive pigs or piglets. Reproductive Respiratory Syndrome (PRRS). 2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every 6 month. Young stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). • Primary vaccination 6 month or above Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.			~ 1 1 ~	✓ Open the furrow with the help of furrow
Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). 1. Culling of positive pigs or piglets. Adult stage Swine fever. 2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every 6 month. Young stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). * Primary vaccination 6 month or above * Revaccination annually • F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.))		
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Adult stage Syndrome (PRRS). Adult stage Swine fever. Cattle All age group Foot and Mouth • FMD vaccine at 16 week and repeat every 6 month. Voung stage Black Quarter (BQ) Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.			-	
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Poultry Adult stage Ranikhet Disease. F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.		i oung stage	Diack Quarter (BQ)	
PoultryAdult stageRanikhet Disease. LAWNGTLA• F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.			1 W Y	
Vaccine for adult birds.	Poultry	Adult stage	Ranikhet Disease	· · · · · · · · · · · · · · · · · · ·
	i outti y	mun stage	the second	
		Early stage	Coccidiosis	
		,		



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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LAWNGTLAL SAIHA



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Period: 21 – 25, January, 2015

District: Mamit

Bulletin No: -485	5/2015/ Bulletin/H	English	Date of	issue: 20 th Jai	nuary, 2015
Parameters	21.01.2015	22.01.2015	23.01.2015	24.01.2015	25.01.2015
Rainfall (mm)	0	KOUOASIR	0	0	0
Max Temp (oC)	25	27	28	27	27
Min Temp (oC)	7	7	7	6	6
Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Clear sky
Max RH (%)	96	- 99	99	99	98
Min RH (%)	35	30	31	31	26
Wind Speed (Kmp		4	2	2	2
*Wind Direction	E	E	E	E	E
	Northerly- N, North Southerly- S, South	-Westerly- <mark>S-W</mark> , V	Westerly-W, North	h-westerly- N-W.	·
STATUS OF MON Kolasib- 0.00	SOON- December 1-31		deviation from norr Kolasib- 0.00 n		ib- 0.00 mm
		(0.00 mm	(0.00n		
(0.00) Serchhip-0.00			Serchhip-0.00r		(0.00mm) hip-0.00mm
(0.00r	· · · · · · · · · · · · · · · · · · ·	(0.00mm)	(0.00m		(0.00mm)
					/ /
	nary of the past e days			m 21 st January ry, 2015.	, 2015 10 25
		minimum temper 6-7 ⁰ C. Maximum and minimum ma the wind speed o next five days.	atures for the nex relative humidity y from 26-35%. V f 2-4 km per hou Weekly cumulativ	ng the next 5 day. t 5 days may rang t is expected in th Vind direction wou r. Clear sky will e rainfall: 00.0 m	ge for 25-27 ⁰ C an e range of 96-989 ald be easterly wit prevail during th m
Main Crop/	Stage	Cultural practi	ices/ Agric	cultural / Horticu	ltural/ animal
Animal /Fisheries		Pest/ Disease	s	husbandry adv	isories
Khasi	Vegetative stage	Canker	• Prune tl	he diseased and de	ad twigs.
Mandarin		LAWNGTLAL	• Wound mulch and sup	l dressing with B with dry grass to press the growth o inker, spray stre	ordeaux paste an conserve moistur of weed.
		121		oxycholoride 8 g /1	
		T N	2		1 P a g e



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		• Excess water removes from the base of the
		plant.
Banana	Vegetative/	✓ Remove water sucker, keep 1 or 2 plants in a
	harvesting	single place.
	1 1 1 1	✓ Remove sword sucker and use it as new
		KOLASIE planting material.
	1	\checkmark Provide irrigation to the base of the plant.
)	✓ Fertilizer application in split dose of
	()	recommended dose.
	1	\checkmark Harvest fruits when the flower tips of the
	1	fruit dehiscent.
Pineapple	Vegetative stage	• Clean the vicinity of plants by weeding and
	7 MAMIT	loosen up the soil.
	ζ	- Pomovo slips and use it as a new planting
		material.
		• Sucker dipping treatment with Bavistin @
	1 S.	3g + Chloropyriphos @ 1 g/lt of water to
	Sec. 1	protect against soil borne disease and
		insect.
	1 1	• Weeding and intercultural operation.
	6	SERCHHIPO Provide irrigation to the plant.
Cucurbits	Vegetative stage	Land is ploughed to a fine tilth and pits of
Cucuints	, egetative stage	60 cm diameter and 30-45cm depth are
	7	made at a spacing of 2.0-2.5x 2.0-2.5 m
	1	2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for
		numphin hottle gound augumber
		respectively. Well rotten FYM should be
	1	applied in pits and filled with top soil up to
		3/4th height and 2-3 seeds will be sown in
		each pit.
		In case of chow-chow, fruit are planted
		with broad end downwards, 2/3rd portion
		below soil at a spacing of 3.5 x 2.0 m.
		Polythene nursery raising can be done
		LAWNGTLAL
		Damping off and Ⅰ ✓ Seed treatment with thiram 3g/kg seed or
		Blight - Trichoderma viride 4g+ metalaxyl 4g
		(Apron)/ kg seed
		(rpron)/ Kg boou
		2 Page

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1			
		0	✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
	[5	at 10-15 DAS are effective.
Brinjal	Fruiting stage	1 3	 Weeding near the plant
		6	✤ Fertilizer application in split dose of
		KOLASIB	recommended dose.
	1 de	1	 Provide irrigation to the plant.
		Disease:	• Seed treatment with captan, thiram or
	(Damping off-	chlorothalonil will effectively control this
	(disease.
		Pest:	• Sulfur fungicides can be used to control
	de la companya de la comp	Mites and hoppers-	this pest.
Cowpea	Fruiting stage		Trilling into bower structure.
-	5	AIZAWL C	Weeding near the plant
		Culenne 1.	4 Draining of excess water and preparation
		5	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Vegetative stage	Card formation stage	 Application of Nitrogenous fertilizer urea
	12		in card formation stage.
	6	SERCHHI	Provide irrigation to the plant.
		Mr. Las	✤ Weeding near the plant.
	5	Damping off	✓ Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
	1		(Apron)/ kg seed
		LUNGLEI	Drenching 1% Bordeaux mixture or 2 g
	2	and the belowing to	captan or 3 copper oxychloride/ lt of water
			at 10-15 DAS are effective.
	5	Mustard sawfly	\checkmark Application of carbofuran 3G @ 100g/m ²
			in nursery is quite effective.
Mustard and	Flowering stage	1 7 al	• Weeding in the toria plot.
toria			• Provide irrigation in the field.
		1 20 1	• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLAV	\checkmark Weeding in the pea plot.
		/ SAIHA	✓ Provide irrigation in the field.
		Aphid (1997)	o In case of aphid infestation apply
		S and S	Midachloprid 1.5ml/lt of water.
		5 N 3	
			3 P a g e



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Tomato	Vegetative stage	Land preparation	 Weeding near the plant
			✤ Fertilizer application in split dose of
		Sector Sector	recommended dose.
	5.1	1 3	 Provide irrigation to the plant.
	1 100	Damping off	✓ Seed treatment with thiram $3g/kg$ seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	4	1.	(Apron)/ kg seed
	1	~~)	\checkmark Drenching 1% Bordeaux mixture or 2 g
	5		captan or 3 copper oxychloride/ lt of water
	-		at 10-15 DAS are effective.
		Leaf spot and leaf	• Spraying Dithane M-45 @ 2.5g/litre of
	STRADUT	blotch	water or Bavistin @ 1g/litre of water, 2-3
	J' MAMIT	N	sprayings should be given forthnightly intervals.
	20	(AIZAWIL)	• Spraying of Blitox @ 3 g/l of water was
		1	found effective against leaf spot.
Rice	Harvesting stage	5	✓ Harvest rice crop
Mee	Hui vesting stage	1 545	\checkmark Cut residue 20 cm from the base.
) 6	~ 1 ~	\checkmark Open the furrow with the help of furrow
	3.5		opener.
		SERCHH	✓ Place FYM and fertilizer.
		V	\checkmark Place the seed and cover by soil.
Pig	All stage <mark>s</mark>	Porcine	1. Culling of positive pigs or piglets.
		Reproductive	
		Respiratory	
		Syndrome (PRRS).	
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
			months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every 6
	NZ	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	• Black Quarter Vaccine (BQV).
		I LI Y	 Primary vaccination 6 month or above A Bayaccination appually
Poultry	Adult stage	Ranikhet Disease.	 Revaccination annually F1 vaccine at (1-6) days of birth and R₂B
i outti y	Aunt stage	LAWNGTLAL	• F1 vaccine at (1-6) days of birth and R_2B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
	Daily stage		
		1	5



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LAWNGTLAL SAIHA



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



Period: 21 – 25, January, 2015

District: Serchhip

Cloud CoverageClear skyClear skyClear skyMainly clearMainly clearMax RH (%)100100100100100Min RH (%)3228303127Wind Speed (KmpH)44322*Wind DirectionEEEEENortherly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S, Southerly- S, South-Westerly- S-W, Westerly-W, North-westerly- N-W.		5/2015/ Bulletin/E	7	2000	issue: 20 th Jan		
Max Temp (oC) 24 25 25 24 25 Min Temp (oC) 4 4 4 3 3 Cloud Coverage Clear sky Clear sky Clear sky Mainly clear Mainly clear Max RH (%) 100 100 100 100 100 100 100 Min RH (%) 32 28 30 31 27 Wind Speed (KmpH) 4 4 3 2 2 Wind Direction E E E E E Status OF MONSOON- December 1-31, 2014 (Percent of deviation from normal in parenthesis) Kolasib- 0.00 mm Kolasib- 0.00 mm (0.00mm) Status OF MONSOON- December 1-31, 2014 (Percent of deviation from normal in parenthesis) Kolasib- 0.00 mm (0.00mm) (0.00mm) Status OF MONSOON- December 1-31, 2014 (Percent of deviation from normal in parenthesis) Kolasib- 0.00 mm (0.00mm) (0.00mm) Status OF MONSOON- December 1-31, 2014 (Percent of thip-0.00mm Serchhip-0.00mm (0.00mm) (0.00mm) (0.00mm) (0.00mm) (0.00mm) (0.00mm) (0.00mm) (0.00mm) (0.00mm)	Parameters	21.01.2015	22.01.2015	23.01.2015	24.01.2015	25.01.2015	
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Min RH (%) 32 28 30 31 27 Wind Speed (KmpH) 4 4 3 2 2 *Wind Direction E	Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Mainly clear	
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*Wind Direction E E E E E E E Northerly- N, North-Easterly- S, South-Westerly- N, Southerly- S, South-Westerly- S, South-Westerly- S, W, Westerly- W, North-Westerly- N-W. STATUS OF MONSOON- December 1-31, 2014 (Percent of deviation from normal in parenthesis) Kolasib- 0.00 mm Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm Weather forecast valid from 21 st January, 2015 To 25 th three days Weather forecast valid from 21 st January, 2015 To 25 th Weather summary of the past Weather forecast valid from 21 st January, 2015 To 25 th Main Crop/ Stage Cultural practices/ Main Crop/ Stage Cultural practices/ Mainal Vegetative stage Canker • Prune the diseased and dead twigs. Wound dressing with Bordeaux paste an mulch with dry grass to conserve moistur and suppress the growth of weed. • For canker, spray streoptomycin 2g	Min RH (%)	32	28	30	31	27	
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and suppress the growth of weed. • For canker, spray streoptomycin 2g			LAWNGTLAK		-	-	
• For canker, spray streoptomycin 2g			/ SA				
copperoxycholoride 8 g /10 lt of water.							
			JA L	copperc	oxycholoride 8 g /]	10 It of water.	



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Guwahati)



		0	• Excess water removes from the base of the
			plant.
Banana	Vegetative/		✓ Remove water sucker, keep 1or 2 plants in
	harvesting	1 5	single place.
	1 10	T I	\checkmark Remove sword sucker and use it as ne
		KOLASIB	planting material.
	(1. 0	\checkmark Provide irrigation in the base.
)	was a larger of	\checkmark Fertilizer application in split dose of
	5	2 1	recommended dose.
	1		\checkmark Harvest fruits when the flower tips of the
			fruit dehiscent.
Pineapple	Vegetative stage		• Clean the vicinity of plants by weeding an
	J' MAMIT	1 2	loosen up the soil.
	5	AIZAWL C	• Remove slips and use it as a new plantin
		A COMPANY OF THE REAL OF THE R	material.
		1	• Sucker dipping treatment with Bavistin (
	2	1 B B V	3g + Chloropyriphos @ 1 g/lt of water t
		1 12	protect against soil borne disease an
	1		insect.
	12		• Weeding and intercultural operation.
	1	SERCHHI	0 1
Cucurbits	Vegetative stage	No bay	Land is ploughed to a fine tilth and pits of
		S	60 cm diameter and 30-45cm depth an
	14		made at a spacing of 2.0-2.5x 2.0-2.5 m
			2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m fo
		LUNGLEI	pumpkin, bottle gourd cucumbe
	5		respectively. Well rotten FYM should b
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	applied in pits and filled with top soil up t 3/4th height and 2-3 seeds will be sown i
		IA V	each pit.
		P V	4 In case of chow-chow, fruit are plante
		1774	with broad end downwards, 2/3rd portion
		1 LI Y	below soil at a spacing of 3.5 x 2.0 m.
		1 1	<ul> <li>Polythene nursery raising can be done</li> </ul>
		LAWNGTLAL	initiate
		Damping off and	$\checkmark$ Seed treatment with thiram 3g/kg seed or
		Blight	Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
	1		



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			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
			at 10-15 DAS are effective.
Brinjal	Fruiting stage	1 2	✤ Weeding near the plant
U		1	◆ Fertilizer application in split dose of
		KOLASIB	recommended dose.
		NOLROID	<ul> <li>Provide irrigation if require.</li> </ul>
	1	Disease:	• Seed treatment with captan, thiram or
	(	Damping off-	chlorothalonil will effectively control this
	1	a series of the	disease.
	1	Pest:	• Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Fruiting stage		Trilling into bower structure.
		)	✤ Weeding near the plant
		AIZAWL C	4 Draining of excess water and preparation
		5	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
	1	disease	
Early Cole crop	Vegetative stage	Card formation stage	<ul> <li>Application of Nitrogenous fertilizer urea</li> </ul>
			in card formation stage.
	6	SERCHHI	
		W L	✤ Weeding near the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or
	1		Trichoderma viride 4g+ metalaxyl 4g
	- P		(Apron)/ kg seed
	1	LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	2	ESTROLET.	captan or 3 copper oxychloride/ lt of water
	1	~	at 10-15 DAS are effective.
	5	Mustard sawfly	$\checkmark$ Application of carbofuran 3G @ 100g/m ²
			in nursery is quite effective.
Mustard and	Flowering stage	( G A )	• Weeding in the toria plot.
toria	0 0	$\langle \rangle$	• Provide irrigation in the field.
		1 1	• Top dressing with urea if available or apply
		1 1	cow dung.
Pea	Flowering Stage	LAWNGTLAL	✓ Weeding in the pea plot.
	2 0	/ SAIHA	$\checkmark$ Provide irrigation in the field.
		Aphid	o In case of aphid infestation apply
		S and S	Imidachloprid 1.5ml/lt of water.
		P N S	
		TO SA C	3   P a g e



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Tomato	Vegetative stage	Land preparation	<ul> <li>Weeding near the plant</li> </ul>
			✤ Fertilizer application in split dose of
		A A A A A A A A A A A A A A A A A A A	recommended dose.
		1 3	<ul> <li>Provide irrigation in the plant.</li> </ul>
	1 1 1	<b>Damping off</b>	✓ Seed treatment with thiram $3g/kg$ seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
		1	(Apron)/ kg seed
	)	WS	✓ Drenching 1% Bordeaux mixture or 2 g
	5	2 1	captan or 3 copper oxychloride/ lt of water
	1	SEL	at 10-15 DAS are effective.
		Leaf spot and leaf	• Spraying Dithane M-45 @ 2.5g/litre of
		blotch	water or Bavistin @ 1g/litre of water, 2-
	J MAMIT	1 2	sprayings should be given forthnightl
	2	A ATZAWIL C	intervals.
			• Spraying of Blitox @ 3 g/l of water wa
D'	TT (*	1	found effective against leaf spot.
Rice	Harvesting stage	1 66	<ul> <li>✓ Harvest rice crop</li> <li>✓ Cut residue 20 cm from the base.</li> </ul>
	1	1 1 1	
	1.5		✓ Open the furrow with the help of furrov opener.
	0	SERCHHI	✓ Place FYM and fertilizer.
		12-1	$\checkmark$ Place the seed and cover by soil.
Pig	All stages	Porcine	1. Culling of positive pigs or piglets.
116	in stages	Reproductive	1. Curing of positive pigs of piglets.
	1	Respiratory	
		Syndrome (PRRS).	2
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at
	0		months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every
		Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
		$\langle () \rangle$	<ul> <li>Primary vaccination 6 month or above</li> </ul>
		1 20 1	• Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and $R_2$
•		LAWNGTLAN	vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



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LAWNGTLAL SAIHA



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



**Period:** 21 – 25, January, 2015

#### **District:** Aizawl

Bulletin No: -48	5/2015/ Bulletin/	English	Date of	issue: 20 th Jan	uary, 2015
Parameters	21.01.2015	22.01.2015	23.01.2015	24.01.2015	25.01.2015
Rainfall (mm)	0	KO OLSIP	0	0	0
Max Temp (oC)	24	25	25	25	25
Min Temp (oC)	5	5	5	4	4
Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Mainly clear
Max RH (%)	97	-100	100	100	99
Min RH (%)	34	30	32	32	27
Wind Speed (Km)		4	3	2	2
*Wind Direction	E	E	E	E	E
	Southerly- S, South SOON- December 1-3	1, 2014 (Percent of de	esterly-W, North	-westerly- N-W.	ih 0.00 mm
Kolasib- 0.00			Kolasib- 0.00 m		ib- 0.00 mm
(0.00) Seachtin 0.00	· · · · · · · · · · · · · · · · · · ·	(0.00mm)	(0.00m		(0.00mm)
Serchhip-0.00			Serchhip-0.00m	100	hip-0.00mm
(0.00)		(0.00mm)	(0.00m		(0.00mm)
	mary of the past e days	SER	CHHIP Januar		
			tures for the next relative humidity from 27-34%. W 2-4 km per hour	5 days may rang is expected in the ind direction wou . Clear sky will rainfall: 00.0 m	e for 24-25 ^o C an range of 97-1009 ld be easterly wit prevail during th <b>m</b>
Main Crop/ Animal /Fisheries	Stage	Cultural practic Pest/Diseases		ultural / Horticul husbandry advi	
Khasi Mandarin	Vegetative stage	Canker LAWNGTLAL	• Wound mulch w	e diseased and dea dressing with Bo vith dry grass to press the growth o	ordeaux paste an conserve moistur
			• For car copperor	nker, spray stre xycholoride 8 g /1	optomycin 2g 0 lt of water.
		112	P		1   P a g e



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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		<u> </u>	• Excess water removes from the base of th
			plant.
Banana	Vegetative/	1 The second sec	✓ Remove water sucker, keep 1or 2 plants in
	harvesting	1	single place.
	1 10	5	$\checkmark$ Remove sword sucker and use it as new
		KOLASIE	planting material.
			$\checkmark$ Provide irrigation to the base.
	1	WS S	$\checkmark$ Fertilizer application in split dose of
	5	2 1	recommended dose.
			$\checkmark$ Harvest fruits when the flower tips of the
			fruit dehiscent.
Pineapple	Vegetative stage	1	• Clean the vicinity of plants by weeding an
	J MAMIT	2	loosen up the soil.
	5	AIZAWL C	• Remove slips and use it as a new plantin
	1	A COMPANY OF THE OWNER OW	material.
			• Sucker dipping treatment with Bavistin @
	2	3 8 6	3g + Chloropyriphos @ 1 g/lt of water t
		1 12	protect against soil borne disease an
		~ /	insect.
	12		• Weeding and intercultural operation.
<u> </u>		SERCHHI	0 1
Cucurbits	Vegetative stage	No Con	Land is ploughed to a fine tilth and pits of
	1	S. 1	60 cm diameter and 30-45cm depth and
			made at a spacing of 2.0-2.5x 2.0-2.5 n 2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m fc
		CONTRACTOR OF	
		LUNGLEI	pumpkin, bottle gourd cucumber respectively. Well rotten FYM should b
	(		applied in pits and filled with top soil up t
		~	3/4th height and 2-3 seeds will be sown i
			each pit.
			In case of chow-chow, fruit are plante
		1775	with broad end downwards, 2/3rd portio
		1 W Y	below soil at a spacing of 3.5 x 2.0 m.
			4 Polythene nursery raising can be done
		LAWNGTLAN	initiate
		Damping off and A	✓ Seed treatment with thiram 3g/kg seed or
		Blight	Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed



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			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
			at 10-15 DAS are effective.
Brinjal	Fruiting stage	1 2	<ul> <li>Weeding near the plant</li> </ul>
5	8 8	1	* Fertilizer application in split dose of
		KOLASIB	recommended dose.
	1	NOLASIB	<ul> <li>Provide irrigation in the plant.</li> </ul>
		Disease:	• Seed treatment with captan, thiram or
	6	Damping off-	chlorothalonil will effectively control this
	2		disease.
		Pest:	<ul> <li>Sulfur fungicides can be used to control</li> </ul>
		Mites and hoppers-	this pest.
Cowpea	Fruiting stage	milles and hoppers-	<ul> <li>Trilling into bower structure.</li> </ul>
Compea	TT utting stage	A Construction of the	<ul> <li>Weeding near the plant</li> </ul>
	2	( AIZAWL C	<ul> <li>Draining of excess water and preparation</li> </ul>
			mound near the base.
		Scab and leaf blight	✓ Use of resistant varieties.
	4	disease	• Ose of resistant varieties.
Early Cole crop	Vegetative stage	Card formation stage	<ul> <li>Application of Nitrogenous fertilizer urea</li> </ul>
Larry Cole crop	vegetative stage	Card for mation stage	in card formation stage.
	0	SERCHHI	
			<ul> <li>Weeding near the plant.</li> </ul>
		Domning off	<ul> <li>Weeding near the plant.</li> <li>Seed treatment with thiram 3g/kg seed or</li> </ul>
	7	Damping off	
			Trichoderma viride 4g+ metalaxyl 4g
		1111/1 (1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	(Apron)/ kg seed
		LUNGLEI	Drenching 1% Bordeaux mixture or 2 g
	1		captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
		Mandanilar	
		Mustard sawfly	Application of carbofuran 3G @ 100g/m ²
		PI	in nursery is quite effective.
Mustard and	Flowering stage	120 5 6	• Weeding in the toria plot.
toria		1 Li Y	• Provide irrigation in the field.
		A Y I	• Top dressing with urea if available or apply
		LAWNGTLAL	cow dung.
Pea	Flowering Stage	SAIHA	✓ Weeding in the pea plot.
			✓ Provide irrigation in the field.
		Aphid	• In case of aphid infestation apply
		1	Midachloprid 1.5ml/lt of water.
		R 1 7 3	
		4	3   P a g e



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Rice       Harvesting stage         Rice       Harvesting stage	Tomato	Vegetative stage	Land preparation	<ul> <li>Weeding near the plant</li> </ul>
<ul> <li>Provide irrigation to the plant.</li> <li>Provide irrigation to the plant.</li> <li>Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed</li> <li>Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ It of water at 10-15 DAS are effective.</li> <li>Spraying Dithane M-45 @ 2.5g/litre of water or Bavistin @ 1g/litre of water, 2-3 spraying of Blitox @ 3 g/l of water water found effective against leaf spot.</li> <li>Spraying of Blitox @ 3 g/l of water water found effective against leaf spot.</li> <li>V Harvest ride crop</li> <li>Cut residue 20 cm from the base.</li> <li>Open the furrow with the help of furrow opener.</li> <li>V Place FPM and fertilizer.</li> <li>Place the seed and cover by soil.</li> <li>Cutling of positive pigs or piglets.</li> <li>Prig</li> <li>All stage</li> <li>Swine fever.</li> <li>Cutling of positive pigs or piglets.</li> <li>FMD vaccine at 16 week and repeat every 6 month.</li> <li>FMD vaccine at 16 week and repeat every 6 month.</li> <li>Black Quarter (BQ)</li> <li>Black Quarter (BQ)</li> <li>Fli vaccine at (1-6) days of birth and R₂E vaccine for adult birds.</li> </ul>				✤ Fertilizer application in split dose of
Damping off <ul> <li>Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g</li> <li>(Apron)/ kg seed</li> <li>Drenching 1% Bordeaux mixture or 2 g</li> <li>captan or 3 copper oxychloride/1 to f water at 10-15 DAS are effective.</li> <li>Spraying Dithane M-45 @ 2.5g/litre of water, 2-5 spraying Should be given forthnightly intervals.</li> <li>Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.</li> <li>Y Harvesting stage</li> <li>V Harvest rice crop</li> <li>Cut residue 20 cm from the base.</li> <li>Open the furrow with the help of furrow opener.</li> <li>Place the seed and cover by soil.</li> <li>Culling of positive pigs or piglets.</li> <li>Reproductive Respiratory Syndrome (PRRS).</li> <li>Cuttre at 16 week and repeat every 6 month.</li> <li>FMD vaccine at 16 week and repeat every 6 month.</li> <li>FMD vaccine at 16 week and repeat every 6 waccination annually</li> <li>FNI vaccine at 16 week and repeat every 6 waccine for adult birds.</li> <li>Stray of blitox annually</li> <li>FI vaccine at 16 days of birth and R₂E vaccine for adult birds.</li> <li>FI vaccine at ult birds.</li> </ul> <li>FI vaccine at ult birds.</li>			S and	
Rice       Harvesting stage       Iteaf spot and leaf blotch       Spraying Sishould be given forthnightly intervals.         Rice       Harvesting stage       Iteaf spot and leaf blotch       Spraying of Blitox @ 3 g/l of water vas found effective against leaf spot.         Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).       Itel age group         Pig       All stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Month Disease (FMD)       FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       Iblack Quarter (BQ)       Iblack Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       FI vaccine at (1-6) days of birth and R ₂ E		51	1 3	
Adult stage       Porcine         Pig       All stages       Porcine         Pig       All stages       Porcine         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Poultry       Adult stage       Ranikhet Disease.       9. Black Quarter (BQ)         Poultry       Adult stage       Ranikhet Disease.       9. Fl vaccine at 16 days of birth and R ₂ Evaccine for adult birds.		1 10	<b>Damping off</b>	
Kice       Harvesting stage       ✓       Drenching 1% Bordeaux mixture or 2 g captan or, 3 copper oxychloride/ lt of water at 10-15 DAS are effective.         Rice       Harvesting stage       ○       Spraying Dithane M-45 @ 2.5g/litre of water, 23 sprayings should be given forthnightly intervals.         Rice       Harvesting stage       ○       Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.         Pig       All stages       Porcine       ✓       Harvest rice crop         Pig       All stages       Porcine       ✓       Place FYM and fertilizer.         Y Place EYM and fertilizer.       ✓       Place the seed and cover by soil.       1. Culling of positive pigs or piglets.         Reproductive Respiratory Syndrome (PRRS).       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       •       Flack Quarter (BQ)         Young stage       Black Quarter (BQ)       •       Black Quarter Vaccine (BQV).       •         Poultry       Adult stage       Ranikhet Disease.       •       Fl vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.			KOLASIB	
Rice       Harvesting stage       Leaf spot and leaf blotch       o Spraying Dithane M-45 @ 2.5g/litre of water at 10-15 DAS are effective.         Rice       Harvesting stage       Spraying Dithane M-45 @ 2.5g/litre of water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly intervals.         Rice       Harvesting stage       Spraying Of Blitox @ 3 g/l of water was found effective against leaf spot.         Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).         Pig       Adult stage       Swine fever.         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       Black Quarter (BQ)         Poultry       Adult stage       Ranikhet Disease.       FI1 vaccine at 16 week and repeat every 6 wording and annually			1.	
Adult stagePorcine Resproductive Resproductive Resproductive Resproductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive Respraductive 		1	W3 ( )	
RiceHarvesting stageLeaf spot and leaf blotchoSpraying Dithane M-45 @ 2.5g/litre of water, 2-3 sprayings should be given forthnightly intervals. oSpraying of Blitox @ 3 g/l of water was found effective against leaf spot.RiceHarvesting stage </th <th></th> <th>5</th> <th></th> <th></th>		5		
Nameblotchwater or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly intervals.RiceHarvesting stageRiceHarvesting stage </th <th></th> <th></th> <th>T C C C</th> <th></th>			T C C C	
Rice       Harvesting stage       - Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.         Rice       Harvesting stage       - Harvest rice crop         Rice       Harvesting stage       - Harvest rice crop         Pig       All stages       Porcine         Respiratory       Syndrome (PRRS).       - Place FYM and fertilizer.         Pig       All stages       Porcine         Respiratory       Syndrome (PRRS).       - Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       - FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       - Primary vaccination 6 month or above * Revaccination annually         Poultry       Adult stage       Ranikhet Disease.       - F1 vaccine at (1-6) days of birth and R ₃ E vaccine for adult birds.				
Rice       Harvesting stage       • Harvest rice crop         Rice       Harvesting stage       • Harvest rice crop         V       Harvest rice crop       • Cut residue 20 cm from the base.         Open the furrow with the help of furrow opener.       • Place FYM and fertilizer.         Pig       All stages       Porcine         Reproductive Respiratory Syndrome (PRRS).       1. Culling of positive pigs or piglets.         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Primary vaccination 6 month or above       • Revaccination annually         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.		STRADAT	Diotei	
Rice       Harvesting stage       - Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.         Rice       Harvesting stage       - Harvest rice crop         Rice       Harvesting stage       - Cut residue 20 cm from the base.         Pig       All stages       Porcine         Reproductive Respiratory Syndrome (PRRS).       - Place FYM and fertilizer.         Vision       - Place from the base.         Adult stage       Swine fever.         Cattle       All age group         Foot and Mouth Disease (FMD)       - FMD vaccine at 16 week and repeat every 6 month.         Poultry       Adult stage         Ranikhet Disease.       - F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.		1 mesima v	1	
Rice       Harvesting stage       ✓ Harvest rice crop         Rice       Harvesting stage       ✓ Harvest rice crop         Cut residue 20 cm from the base.       ✓ Open the furrow with the help of furrow opener.         Pig       All stages       Porcine         Reproductive       Reproductive       ✓ Place FYM and fertilizer.         Respiratory       Syndrome (PRRS).       I. Culling of positive pigs or piglets.         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       FMD vaccine at 16 week and repeat every 6 month.         Poultry       Adult stage       Ranikhet Disease.       F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.		3	( AIZAWL )	
Rice       Harvesting stage       ✓ Harvest rice crop         Rice       ✓ Harvest rice crop       ✓ Cut residue 20 cm from the base.         ✓ Open the furrow with the help of furrow opener.       ✓ Place FYM and fertilizer.         ✓ Place FYM and fertilizer.       ✓ Place FYM and fertilizer.         ✓ Place the seed and cover by soil.       1. Culling of positive pigs or piglets.         Reproductive Respiratory Syndrome (PRRS).       1. Culling of positive pigs or piglets.         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).       • Primary vaccination 6 month or above         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.				found effective against leaf spot
Young stage       Pool and Mouth Disease (FMD)         Young stage       Black Quarter (BQ)         Young stage       Black Quarter (BQ)         Young stage       Place Respiration of month of month interval primary vaccination of month	Rice	Harvesting stage	5	
Pig       All stages       Porcine       1. Culling of positive pigs or piglets.         Pig       All stages       Porcine       1. Culling of positive pigs or piglets.         Reproductive       Respiratory       Syndrome (PRRS).       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth       FMD vaccine at 16 week and repeat every 6 month.         Voung stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.			1 545	-
Pig       All stages       Porcine <ul> <li>Porce FYM and fertilizer.</li> <li>Place the seed and cover by soil.</li> <li>Culling of positive pigs or piglets.</li> </ul> Pig         All stages         Porcine              1. Culling of positive pigs or piglets.            Pig         Adult stage         Swine fever.              2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval            Cattle         All age group         Foot and Mouth Disease (FMD)             Young stage         Black Quarter (BQ)               Poultry         Adult stage         Ranikhet Disease.                 F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.		10	~ 1 ~	$\checkmark$ Open the furrow with the help of furrow
Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).       1. Culling of positive pigs or piglets.         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         * Primary vaccination 6 month or above * Revaccination annually       • F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.		3.2		opener.
Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).       1. Culling of positive pigs or piglets.         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.         Poultry       Adult stage       Ranikhet Disease.		8	SERCHHI	
B       B       Reproductive Respiratory Syndrome (PRRS).         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       Black Quarter (BQ)       Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.			V- La	
Respiratory Syndrome (PRRS).       Respiratory Syndrome (PRRS).         Adult stage       Swine fever.       2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and repeat every 6 month.         Voung stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).       • Primary vaccination 6 month or above • Revaccination annually         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.	Pig	All stages		1. Culling of positive pigs or piglets.
Adult stage       Syndrome (PRRS).         Adult stage       Swine fever.         Cattle       All age group         Foot and Mouth       • FMD vaccine at 16 week and repeat every 6 month.         Voung stage       Black Quarter (BQ)         Poultry       Adult stage         Ranikhet Disease.       • F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.		100	-	
Adult stageSwine fever.2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month intervalCattleAll age groupFoot and Mouth Disease (FMD)• FMD vaccine at 16 week and repeat every 6 month.Young stageBlack Quarter (BQ)• Black Quarter Vaccine (BQV). • Primary vaccination 6 month or above • Revaccination annuallyPoultryAdult stageRanikhet Disease.• F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.				2
Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of birth and R ₂ E vaccine for adult birds.				
Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and repeat every 6 month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).       • Primary vaccination 6 month or above         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.		Adult stage	Swine iever.	
Disease (FMD)     month.       Young stage     Black Quarter (BQ)     Black Quarter (BQ)       Poultry     Adult stage     Ranikhet Disease.     • F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.	Cattla	All ago group	Foot and Mouth	
Young stageBlack Quarter (BQ)Black Quarter Vaccine (BQV).PoultryAdult stageRanikhet Disease. LANNELA• F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.	Cattle	An age group		
Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.		Voung stago		
Poultry       Adult stage       Ranikhet Disease.       F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.		I vung stage	Diack Quarter (DQ)	
PoultryAdult stageRanikhet Disease. LAWNGTLA• F1 vaccine at (1-6) days of birth and R2E vaccine for adult birds.			1 4 7	
LAWNGTLAL vaccine for adult birds.	Poultry	Adult stage	Ranikhet Disease	· · · · · ·
	- • •••• J		the second	
		Early stage	Coccidiosis	
		v ····ð-		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



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LAWNGTLAL SAIHA



**ICAR RESEARCH COMPLEX FOR NEH REGION** 

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



**Period:** 21 – 25, January, 2015

#### **District:** Champhai

Bulletin No: -485	5/2015/ Bulletin/H	English	Date of	issue: 20 th Jar	uary, 2015
Parameters	21.01.2015	22.01.2015	23.01.2015	24.01.2015	25.01.2015
Rainfall (mm)	0	KOU OLSIP	0	0	0
Max Temp (oC)	23	24	25	24	25
Min Temp (oC)	5	5	6	5	5
Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Mainly clear
Max RH (%)	98	- 98	98	98	98
Min RH (%)	40	33	34	34	30
Wind Speed (Kmp	<b>H</b> ) 4	4	4	4	3
*Wind Direction	5-E	S-E	S-E	S-E	S-E
	Northerly- N, North	h-Easterly- <mark>N-E</mark> , E	asterly- <mark>E</mark> , Sout	h-Easterly- <mark>S-E</mark> ,	
	Southerly- S, South	n-Westerly- <mark>S-W</mark> , W	esterly-W, Nort	h-westerly- N-W.	
<b>STATUS OF MON</b>	SOON- December 1-32	l, 2014 (Percent of d	leviation from nor	mal in parenthesis)	
Kolasib- 0.00	mm Kolasib-	0.00 mm	Kolasib- 0.00 r	nm Kolas	ib- 0.00 mm
(0.001	mm)	(0.00mm)	(0.00r		(0.00mm)
Serchhip-0.00	mm Serchhip	0.00mm	Serchhip-0.001	nm Serch	hip-0.00mm
(0.00r	nm) 📄 📐	(0.00mm)	(0.00n		(0.00mm)
Weather sum	nary of the past	Weather for	ecast valid fro	m 21 st January,	2015 To 25 th
	e days			ry, 2015.	, ,
	Z	5-6 [°] C. Maximum minimum may fro with the wind spe- the next five days.	relative humidity om 30-40%. Wi ed of 3-4 km per	t 5 days may rang is expected in the nd direction would hour. Clear sky	range of 98% an d be southeasterl will prevail durin
Main Crop/	Staga	Cultural practic		cultural / Horticul	
Animal	Stage	Pest/ Diseases	0	husbandry advi	
/Fisheries		I CSU DISCUSES	2	nusvanui y auv	1901 109
	Vagatatizza -t			1 1' 1 1 1	1
Khasi	Vegetative stage	Canker		he diseased and de	
Mandarin		LAWNGTLAN	mulch and sup	d dressing with B with dry grass to opress the growth o anker, spray stre	conserve moistur f weed.
		121		oxycholoride 8 g /1	
		612	P		1   P a g e



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			• Excess water removes from the base of the
			plant.
Banana	Vegetative/		$\checkmark$ Remove water sucker, keep 1or 2 plants in
	harvesting	1 5	single place.
	1 1.2	5	$\checkmark$ Remove sword sucker and use it as new
		KOLASIB	planting material.
	1	1	$\checkmark$ Provide irrigation in the base.
	)	When I	✓ Fertilizer application in split dose of
	6	1 1	recommended dose.
	( )		$\checkmark$ Harvest fruits when the flower tips of the
	1		fruit dehiscent.
Pineapple	Vegetative stage		• Clean the vicinity of plants by weeding an
	7 MAMIT		loosen up the soil.
	4 1000000000000000000000000000000000000	A second second	• Remove slips and use it as a new plantin
		AIZAWL	material.
	1	5	• Sucker dipping treatment with Bavistin @
	1		3g + Chloropyriphos @ 1 g/lt of water t
	1	1 55	protect against soil borne disease an
	2 0	~ 1 5 ~	insect.
	3.3		• Weeding and intercultural operation.
		SERCHHI	
Cucurbits	Vegetative stage	V~ L	Land is ploughed to a fine tilth and pits of
		- U	60 cm diameter and 30-45cm depth at
	1		made at a spacing of 2.0-2.5x 2.0-2.5 n
			2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m fo
	1	LUNGLEI	pumpkin, bottle gourd cucumbe
	S	L'ANGLET.	respectively. Well rotten FYM should b
			applied in pits and filled with top soil up t
		a 2~	3/4th height and 2-3 seeds will be sown i
		134 1	each pit.
			4 In case of chow-chow, fruit are plante
		2 1 5 5	with broad end downwards, 2/3rd portion
		1 20 1	below soil at a spacing of 3.5 x 2.0 m.
		1	4 Polythene nursery raising can be done
		LAWNGTLAL	initiate
		Damping off and A	$\checkmark$ Seed treatment with thiram 3g/kg seed or
		Blight	Trichoderma viride 4g+ metalaxyl 4g
		C .	
		1	(Apron)/ kg seed



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		<u> </u>	✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
	F		at 10-15 DAS are effective.
Brinjal	Fruiting stage	1 2	<ul> <li>Weeding near the plant</li> </ul>
5		2	♦ Fertilizer application in split dose of
		KOLASIB	recommended dose.
	1	NOLASIB	<ul> <li>Provide irrigation in the field.</li> </ul>
		Disease:	• Seed treatment with captan, thiram or
	6	Damping off-	chlorothalonil will effectively control this
	2	Damping on-	disease.
		Pest:	<ul> <li>Sulfur fungicides can be used to control</li> </ul>
		Mites and hoppers-	this pest.
Cownoo	Emiting stops	whites and hoppers-	<ul> <li>Trilling into bower structure.</li> </ul>
Cowpea	Fruiting stage	\	
	2	A AIZAWIL IC	<b>4</b> Weeding near the plant
			<b>4</b> Draining of excess water and preparation
			mound near the base.
	1	Scab and leaf blight	$\checkmark$ Use of resistant varieties.
		disease	
Early Cole crop	Vegetative stage	Card formation stage	<ul> <li>Application of Nitrogenous fertilizer urea</li> </ul>
	1.2.		in card formation stage.
		SERCHHI	i i i i i i i i i i i i i i i i i i i
		V La	<ul> <li>Weeding near the plant.</li> </ul>
	1	Damping off	✓ Seed treatment with thiram $3g/kg$ seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LUNGLEI	Drenching 1% Bordeaux mixture or 2 g
	2	and a first of the present of	captan or 3 copper oxychloride/ lt of water
		~	at 10-15 DAS are effective.
	5	Mustard sawfly	$\checkmark$ Application of carbofuran 3G @ 100g/m ²
			in nursery is quite effective.
Mustard and	Flowering stage	( G A )	• Weeding in the toria plot.
toria	0 0	K I S S	• Provide irrigation in the field.
		1 ~ 1	• Top dressing with urea if available or apply
		1	cow dung.
Pea	Flowering Stage	LAWNGTLAL	✓ Weeding in the pea plot.
- Ju	- 10 11 or mg bruge	/ SAIHA	<ul> <li>Provide irrigation in the field.</li> </ul>
		Aphid	o In case of aphid infestation apply
			Imidachloprid 1.5ml/lt of water.
		201	- initiatinopria 1.5 mi/it of water.
		VIN P	3   P a g e



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Rice       Harvesting stage       Vertexting		<ul> <li>Weeding near the plant</li> </ul>	Land preparation	Vegetative stage	Tomato
Provide irrigation in the plant.         Damping off         Classib         Pig	split dose of	✤ Fertilizer application in split dos			
Pamping off       ✓ Seed treatment with thiram 3g/ Trichoderma viride 4g+ metala (Apron)/kg seed         Drenching 1% Bordeaux mixtu captan or 3 copper oxychloride at 10-15 DAS are effective.         Image: Second Seco			S S		
Rice       Harvesting stage       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -			1 3	51	
Rice       Harvesting stage       - (Apron)/ kg seed         Rice       Harvesting stage       - Spraying Dithane M-45 @ 1 water or Bavistin @ 1g/litre or sprayings should be given intervals.         Rice       Harvesting stage       - V Harvest rice crop         Rice       Harvesting stage       - V Harvest rice crop         Pig       All stages       Porcine         Reproductive       Reproductive       - Place FYM and fertilizer.         Pig       All stages       Porcine         Adult stage       Swine fever.       2. Vaccination of pigs with SF v. months and yearly interval/6 mother         Voung stage       Black Quarter (BQ)       - Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       - F1 vaccine at (1-6) days of bit		$\checkmark$ Seed treatment with thiram 3g/kg seed	<b>Damping off</b>	110	
Adult stage       Porcine Respiratory Syndrome (PRRS).       Orenching 1% Bordeaux mixtu captan or 3 copper oxychloride. at 10-15 DAS are effective.         Rice       Harvesting stage       • Spraying Dithane M-45 @ 0 water or Bavistin @ 1g/litre of sprayings should be given intervals.         Rice       Harvesting stage       • Harvest rice crop         V       • Cut residue 20 cm from the base         V Den the furrow with the help opener.       • Place FYM and fertilizer.         Place the seed and cover by soil.       1. Culling of positive pigs or piglet         Respiratory Syndrome (PRRS).       2. Vaccination of pigs with SF v months and yearly interval/6 mo         Cattle       All age group       Foot and Mouth Disease (FMD)         Young stage       Black Quarter (BQ)         Ponltry       Adult stage       Ranikhet Disease.         Poultry       Adult stage       Ranikhet Disease.	alaxyl 4g	Trichoderma viride 4g+ metalaxyl 4g	KOLASIB		
Rice       Harvesting stage       -       Spraying Dithane M-45 @         Rice       Harvesting stage       -       Spraying Dithane M-45 @         Rice       Harvesting stage       -       Spraying of Blitox @ 3 g/l o found effective against leaf spot of found the spot of found eff			1.	4	
All stagesPorcine Respiratory Syndrome (PRRS).Adult stageAdult stageVaccination of pigs with SF v month.Young stageYoung stageFoot and Mouth Disease (FMD)2. Vaccination of pigs with SF v month.9. Black Quarter (BQ)Young stageYoung stageFoot and Mouth Disease (FMD)9. Black Quarter (BQ)Young stageRanikhet Disease.9. F1 vaccine at (1-6) days of bitYoung stageRanikhet Disease.9. F1 vaccine at (1-6) days of bitYoung vacination of pigs virthYoung vacination of pigs virthYoung vacination of pigsYoung vacination of pigs	-		W3 ( )	1	
RiceHarvesting stage• Spraying Dithane M-45 @ : water or Bavistin @ 1g/litre o sprayings should be given intervals. • Spraying of Blitox @ 3 g/l o found effective against leaf spo • Harvest rice crop • Cut residue 20 cm from the base • Open the furrow with the hel opener. • Place FYM and fertilizer. • Place the seed and cover by soil. 1. Culling of positive pigs or piglet Respiratory Syndrome (PRRS).PigAll stagesPorcine Reproductive Respiratory Syndrome (PRRS).2. Vaccination of pigs with SF v months and yearly interval/6 moCattleAll age groupFoot and Month Disease (FMD)2. Vaccination of pigs with SF v months and yearly interval/6 moYoung stageBlack Quarter (BQ) Poultry• Black Quarter Vaccine (BQV). • Primary vaccination 6 month • Revaccination annually	de/ It of water		1 1	5	
MAMIT       blotch       water or Bavistin @ 1g/litre or sprayings should be given intervals.         Rice       Harvesting stage       - Spraying of Blitox @ 3 g/l or found effective against leaf spot - V Harvest rice crop         Rice       Harvesting stage       - Harvest rice crop         Pig       All stages       Porcine         Reproductive       Reproductive       - Place FYM and fertilizer.         Pig       All stages       Porcine         Reproductive       Respiratory       - Velace the seed and cover by soil.         1. Culling of positive pigs or piglet       - Velace figure or months and yearly interval/6 months and yearly interval/6 months and yearly interval/6 month.         Cattle       All age group       Foot and Mouth Disease (FMD)         Young stage       Black Quarter (BQ)         Poultry       Adult stage       Ranikhet Disease.	25-/1:4		T		
Rice       Harvesting stage       Spraying of Blitox @ 3 g/l o found effective against leaf spo         Rice       Harvesting stage       - Harvest rice crop         Rice       Harvesting stage       - Harvest rice crop         Pig       All stages       Porcine         Respiratory       - Place FYM and fertilizer.         Pig       All stages       Porcine         Respiratory       - Syndrome (PRRS).         Adult stage       Swine fever.       2. Vaccination of pigs with SF v. months and yearly interval/6 mo         Cattle       All age group       Foot and Mouth Disease (FMD)       - FMD vaccine at 16 week and re month.         Young stage       Black Quarter (BQ)       - Primary vaccination 6 month & Revaccination annually         Poultry       Adult stage       Ranikhet Disease.       - F1 vaccine at (1-6) days of bin					
Rice       Harvesting stage       > Harvest rice crop         Rice       Harvesting stage       > Harvest rice crop         Rice       Harvesting stage       > Harvest rice crop         Pig       All stages       Porcine         Reproductive       Respiratory         Syndrome (PRRS).       2. Vaccination of pigs with SF v. months and yearly interval/6 mo         Cattle       All age group       Foot and Mouth Disease (FMD)         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of bin			Dioten	SARAATT	
RiceHarvesting stage• Spraying of Blitox @ 3 g/1 o found effective against leaf spotRiceHarvesting stage• Harvest rice cropRiceHarvesting stage• Harvest rice cropVelope• Open the furrow with the hele opener.• Place FYM and fertilizer.PigAll stagesPorcine Reproductive Respiratory Syndrome (PRRS).• Culling of positive pigs or pigletAdult stageSwine fever.2. Vaccination of pigs with SF v months and yearly interval/6 moCattleAll age groupFoot and Mouth Disease (FMD)• FMD vaccine at 16 week and re month.Young stageBlack Quarter (BQ)• Black Quarter Vaccine (BQV). • Primary vaccination 6 month • Revaccination annuallyPoultryAdult stageRanikhet Disease.• F1 vaccine at (1-6) days of bit	ii iorunngnuy		1	1 mesona i	
Rice       Harvesting stage       ✓ Harvest rice crop         Rice       Harvesting stage       ✓ Harvest rice crop         Vertice       Cut residue 20 cm from the base         ✓ Open the furrow with the hele opener.       Place FYM and fertilizer.         ✓ Place the seed and cover by soil.       ✓ Place the seed and cover by soil.         Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).         Adult stage       Swine fever.       2. Vaccination of pigs with SF v. months and yearly interval/6 mo         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and re month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV). • Primary vaccination 6 month • Revaccination annually         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of bin	l of water was		( AIZAWL C	30	
Rice       Harvesting stage       ✓ Harvest rice crop         Rice       Harvesting stage       ✓ Cut residue 20 cm from the base         ✓ Open the furrow with the helropener.       ✓ Place FYM and fertilizer.         ✓ Place the seed and cover by soil.       ✓ Place the seed and cover by soil.         Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).         Adult stage       Swine fever.       2. Vaccination of pigs with SF v. months and yearly interval/6 mo         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and re month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of bin	spot	found effective against leaf spot	1 N		
Yourg stage       Foot and Mouth Disease (FMD)         Yourg stage       Black Quarter (BQ)         Yourg stage       Black Quarter (BQ)         Yourg stage       Ranikhet Disease.         Yourg stage       Yourg stage	<u> </u>		5	Harvesting stage	Rice
Pig       All stages       Porcine       · Place FYM and fertilizer.         Pig       All stages       Porcine       · Place FYM and fertilizer.         Pig       All stages       Porcine       · Place the seed and cover by soil.         Number of the seed and cover by soil.       · Place the seed and cover by soil.       · Place the seed and cover by soil.         Adult stage       Swine fever.       · Vaccination of pigs with SF v. months and yearly interval/6 mo         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and remonth.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).       • Primary vaccination 6 month         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of bit	ase.	$\checkmark$ Cut residue 20 cm from the base.	222		
Pig       All stages       Porcine       · Place FYM and fertilizer.         Pig       All stages       Porcine       1. Culling of positive pigs or piglet         Reproductive       Respiratory       1. Culling of positive pigs or piglet         Syndrome (PRRS).       2. Vaccination of pigs with SF v.         Cattle       All age group       Foot and Mouth         Voung stage       Black Quarter (BQ)         Poultry       Adult stage       Ranikhet Disease.         Poultry       Adult stage	nelp of furrow	✓ Open the furrow with the help of f	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
Pig       All stages       Porcine Reproductive Respiratory Syndrome (PRRS).       1. Culling of positive pigs or piglet         Adult stage       Swine fever.       2. Vaccination of pigs with SF v. months and yearly interval/6 mo         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and re month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of bin	-			3.2	
PigAll stagesPorcine Reproductive Respiratory Syndrome (PRRS).1. Culling of positive pigs or pigletAdult stageReproductive Respiratory Syndrome (PRRS).2. Vaccination of pigs with SF v. months and yearly interval/6 moCattleAll age groupFoot and Mouth Disease (FMD)• FMD vaccine at 16 week and re month.Voung stageBlack Quarter (BQ) · Vermary vaccination 6 month · Revaccination annually• F1 vaccine at (1-6) days of binPoultryAdult stageRanikhet Disease.• F1 vaccine at (1-6) days of bin		10 M M M M M M M M M M M M M M M M M M M	SERCHHI	6	
Reproductive Respiratory Syndrome (PRRS).       Reproductive Respiratory Syndrome (PRRS).         Adult stage       Swine fever.       2. Vaccination of pigs with SF v. months and yearly interval/6 mo         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and re month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of bin			V		
Respiratory Syndrome (PRRS).       Respiratory Syndrome (PRRS).         Adult stage       Swine fever.       2. Vaccination of pigs with SF vanother and yearly interval/6 months and yearly interval/6 months and yearly interval/6 month.         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and remonth.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of binder and the provided of the provide	glets.	1. Culling of positive pigs or piglets.		All stages	Pig
Syndrome (PRRS).         Adult stage       Swine fever.       2. Vaccination of pigs with SF v. months and yearly interval/6 months         Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and remonth.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).       • Primary vaccination 6 month         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of binder			-		
Adult stageSwine fever.2. Vaccination of pigs with SF v. months and yearly interval/6 moCattleAll age groupFoot and Mouth Disease (FMD)• FMD vaccine at 16 week and re month.Young stageBlack Quarter (BQ) Poultry• Black Quarter Vaccine (BQV). • Primary vaccination 6 month • Revaccination annuallyPoultryAdult stageRanikhet Disease.• F1 vaccine at (1-6) days of bin		R			
Cattle       All age group       Foot and Mouth Disease (FMD)       • FMD vaccine at 16 week and re month.         Young stage       Black Quarter (BQ)       • Black Quarter Vaccine (BQV).         Poultry       Adult stage       Ranikhet Disease.       • F1 vaccine at (1-6) days of bin					
CattleAll age groupFoot and Mouth Disease (FMD)FMD vaccine at 16 week and re month.Young stageBlack Quarter (BQ)Black Quarter (BQ)Black Quarter Vaccine (BQV). 			Swine fever.	Adult stage	
Disease (FMD)     month.       Young stage     Black Quarter (BQ)     Black Quarter Vaccine (BQV).       Primary vaccination 6 month     Primary vaccination 6 month       Poultry     Adult stage     Ranikhet Disease.     • F1 vaccine at (1-6) days of bin			Foot and Mouth		Cattla
Young stageBlack Quarter (BQ)Black Quarter Vaccine (BQV).PoultryAdult stageRanikhet Disease.• F1 vaccine at (1-6) days of bin	repeat every 6	-		An age group	Cattle
Poultry       Adult stage       Ranikhet Disease.       F1 vaccine at (1-6) days of bin	<u></u>			Voung stogo	
PoultryAdult stageRanikhet Disease.F1 vaccine at (1-6) days of bin			Diack Quarter (DQ)	i oung stage	
Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of bin	inition above		1 45 7		
	birth and R ₂ R	· · · · · · · · · · · · · · · · · · ·	Ranikhet Disease	Adult stage	Poultry
	on and R ₂ D	vaccine for adult birds.	the second	mant built	- Outer y
Early stage         Coccidiosis         1. Amprolium or coccidiostat			Coccidiosis	Early stage	



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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

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