

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Dated: 22th August, 2014

District: Lawngtalai Period: 23-27 August, 2014

Bulletin No: -443/2014/ Bulletin/English

	19,7%	160			
Parameters	23-08-2014	24-08-2014	25-08-2014	26-08-2014	27-08-2014
Rainfall (mm)	3	14	33	10	5
Max Temp (oC)	28	30	30	29	30
Min Temp (oC)	19	19	20	20	22
Cloud Coverage	Mainly Cloudy	Partially Cloudy	Partially Cloudy	Mainly clear	Mainly clear
Max RH (%)	98	98	96	98	98
Min RH (%)	82	78	76	61	57
Wind Speed (Kmp	H) 2	5	5	5	4
Wind Direction	South-easterly	South-easterly	South-easterly	Easterly	Southerly
STATUS OF MON	SOON (August 1-30, 2	014, in bracket perd	cent of variation ov	er normal) will star	t shortly
Kolasib-	Champhai-	AIZAWL	famit-	Aizawl	-
Serchhip-	Lawngtalia	- \ L	unglei-	Chhim	ıtuipui-
Weather summary of the past three days Weather forecast valid from 23 th August 2014 To 2 August 2014. There is a chance of moderate to light rainfall during the next					
		The maximum at range for 28-30 expected in the wind direction was per hour. Partia five days.	nd minimum tem. OC and 19-22°C range of 96-98% rould be southeast ally cloudy sky where the state of the stat	peratures for the in . Maximum relation and minimum materly with the wind eather will prevail at the relation of the control of the relation of the prevail of the relation of	next 5 days may rive humidity is ay from 57-82%. speed of 2-5 km during the next
Main Crop/ Animal /Fisheries	Stage	Cultural prac Pest/ Diseas		icultural/Horticul husbandry adv	
Khasi Mandarin	Vegetative stage	LAWN Canker	Wou and i	e the diseased and of nd dressing with mulch with dry go ture and suppress	Bordeaux paste rass to conserve

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		• For canker, spray streoptomycin 2g/10 lt of water.
	57	• Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting KOLASIB	 ✓ Remove water sucker, keep 1 or 2 plants in a single place. ✓ Remove sword sucker and use it as new
	} ~~	planting material. ✓ Excess water removes from the base of
		the plant. ✓ Fertilizer application in split dose of recommended dose.
Pineapple	Vegetative stage	 Clean the vicinity of plants by weeding and loosen up the soil. Remove slips and use it as a new planting material.
		 Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.
Cucurbits	Vegetation stage	Weeding and intercultural operation. Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant Draining of excess water and
	LUNGLEI	preparation mound near the base.
Okra	Vegetation stage	 ✓ Weeding near the plant ✓ Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and preparation mound near the base.
	Disease LAWN Wilt-	Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing.
	Yellow vein	nosaic- Spray 560 ml of Malathion 50 EC in 350 litre of water per acre for the

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			control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of
		Worm-	water acre.
		Spider mite-	o Spray 250 ml of metasystox 25 EC in
	1 1	S	125 litres of water
Brinjal	Vegetation stage	KOLASIB	Weeding near the plant
	1		* Fertilizer application in split dose of
	1	W/2	recommended dose.
	5	2 /	 Draining of excess water and
)	SL	preparation mound near the base.
		Disease:	o Seed treatment with captan, thiram or
	· ·	Damping off-	chlorothalonil will effectively control
	J MAMIT		this disease.
	8	Pest:	o Sulfur fungicides can be used to control
~		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	1	Trilling into bower structure.
	1		♣ Fertilizer application in split dose of
	1	1 1 1	recommended dose.
	15		Weeding near the plant
		SERCHHIP	Draining of excess water and
			preparation mound near the base. ✓ Use of resistant varieties.
		Scab and leaf blight disease	V Use of resistant varieties.
Ginger &	Vegetation stage	uisease	✓ Weeding in turmeric and ginger field
Turmeric	vegetation stage		Gap filling
Turmerie		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of
	>	LUNGERA SPOC	water or Bavistin @ 1g/litre of water,
		And the second	2-3 sprayings should be given
	<u> </u>	A ()	forthnightly intervals.
	A STATE OF THE STA		o Spraying of Blitox @ 3 g/l of water was
	9		found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot
		1 21	✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial	- Field sanitation.
		wilt. SAIHA	- Crop rotation with leguminous crop.
		Pest:	If earworm damage occurs, clipp off the
		Corn earworm	tip of the ear and any affected kernels.

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			The rest of should be fine to eat.
			- Crop rotation with leguminous crop.
Rice	Maximum		✓ One hand weed will require.
	Seedling stage	1	✓ Application of split dose of Urea.
	1 1	Rice Stem borer	To manage the attack a Spray of either
		KOLASIB	validamycin 3L @ 2.5 ml or Hexaconazole
	1	1	5 EC @ 2.0 ml or Propiconazole 25 EC @
		W.)	1 mlper liter of water.
Pig	Ages	Por <mark>cine Reproduc</mark> tive	1. Culling of positive pigs or piglets.
	(Respiratory Syndrome	
	1	(PRRS).	
	· ·	Swine fever.	2. Vaccination of pigs with SF vaccines at
	7 MAMIT	(2 months and yearly interval/6 month
	5	ATTANU CH	interval
Cattle	Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat
		Disease (FMD)	every 6 month.
	1	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
		() 10	Primary vaccination 6 month or
			above
))	-	Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for
		VT L-	adult birds.
	\ \ \	Coccidiosis	Amprolium or coccidiostat

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SAIHA

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Dated: 22th August, 2014

District: Kolasib Period: 23-27 August, 2014

Bulletin No: -443/2014/ Bulletin/English

Parameters	23-08-2014	24-08-2014	25-08-2014	26-08-2014	27-08-2014
	25-06-2014	24-06-2014	23-08-2017	20-08-2017	21-08-2017
Rainfall (mm)	[3	4	9	4	8
Max Temp (oC)	29	30	30	32	31
Min Temp (oC)	21	21	21	21	21
Cloud Coverage	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	99	98	98	99	100
Min RH (%)	82	59	72	67	69
Wind Speed (KmpH)	4	6	4	4	2
Wind Direction	Southerly	Southerly	Southerly	South- easterly	Westerly

STATUS OF MONSOON (August 1-30, 2014, in bracket percent of variation over normal) will start shortly

Kolasib- Champhai- Mamit- Aizawl-

Serchhip- Lawngtalia- Lunglei- Chhimtuipui-

Weather summary of the past three days

The temperature range for maximum and minimum were 28.3-30.1°C and 16.8-19.2°C respectively. Partially Cloudy weather was observed. Wind direction is southwesterly. Maximum RH observed 57-61% & minimum of 26-30%. Rainfall recorded for the past three days is 013.7 mm.

Weather forecast valid from 23th August 2014 To 27th August 2014.

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There is a chance of light rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 29-32°C and 21°C. Maximum relative humidity is expected in the range of 98-100% and minimum may from 59-82%. Wind direction would be southwesterly with the wind speed of 2-6 km per hour. Partially cloudy sky weather will prevail during the next five days.

Weekly cumulative rainfall:028.0mm

J			J
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural/Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative stage	Canker LAWNGTLAL SAIHA	 Prune the diseased and dead twigs. Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed. For canker, spray streontomycin 2g/10 lt

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			of water.
			• Excess water removes from the base of the plant.
Banana	Vegetative/	/ 3	✓ Remove water sucker, keep 1or 2 plants
	harvesting \		in a single place.
		KOLASIB	✓ Remove sword sucker and use it as new planting material.
		Lake S	✓ Excess water removes from the base of
	(3 4 /	the plant.
	/		✓ Fertilizer application in split dose of
	10		recommended dose.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding
	/ MAMIT	1	and loosen up the soil.
	3	AIZAVVL CH	o Remove slips and use it as a new planting material.
	\		Sucker dipping treatment with Bavistin
	1	(@ 3g + Chloropyriphos @ 1 g/lt of
	1	1 3/20	water to protect against soil borne
	1 0		disease and insect.
))		 Weeding and intercultural operation.
Cucurbits	Vegetation stage	SERCHHIP	
	1		Fertilizer application in split dose of recommended dose.
			Weeding near the plant
	1		Draining of excess water and
	/	LUNGLEI	preparation mound near the base.
	**	ENDARES.	W. W. B.
Okra	Vegetation stage	500	✓ Weeding near the plant
		A ST	✓ Fertilizer application in split dose of recommended dose.
		2	✓ Draining of excess water and
			preparation mound near the base.
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	Treatment of seed with 3 g of captan or
		LAWNGTLAL	thiram per kg before sowing.
		Yellow vein mosaic-	o Spray 560 ml of Malathion 50 EC in 350 litre of water per acre for the
			control of vector.
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		Pest:	o Spray 150 ml malathion 50 litres of
		Worm-	water acre.
	5	Spider mite-	 Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage	KOLASIB	 Weeding near the plant Fertilizer application in split dose of recommended dose.
	ζ	3 1	 Draining of excess water and preparation mound near the base.
	<i>[</i>	Disease: Damping off-	 Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
	/ MAMIT	Pest: Mites and hoppers-	 Sulfur fungicides can be used to control this pest.
Cowpea	Vegetative stage	CI CI	 Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant
	35	Call and I SEPERATE	Draining of excess water and preparation mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger & Turmeric	Vegetation stage	~	✓ Weeding in turmeric and ginger field✓ Gap filling
	1	Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given
	5	A F	forthnightly intervals. o Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Maize	Flowering stage	9 5	✓ Weeding in maize plot✓ Topdressing with urea fertilizer.
		Disease: Stewart`s bacterial wilt,	 Used of resistant varieties. Field sanitation. Crop rotation with leguminous crop.
		Pest: SAIHA Corn earworm	- If earworm damage occurs, clipp off the tip of the ear and any affected kernels. The rest of should be fine to eat.

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			- Crop rotation with leguminous crop.
Rice	Maximum		✓ One hand weed will require.
	Seedling stage	5	✓ Application of split dose of Urea.
	7 /	Rice Stem borer	To manage the attack a Spray of either
			validamycin 3L @ 2.5 ml or Hexaconazole
		KOLASIB	5 EC @ 2.0 ml or Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
	}	Respiratory Syndrome (PRRS).	
		Swine fever.	2. Vaccination of pigs with SF vaccines at
			2 months and yearly interval/6 month
	7 MAMIT	2:	interval
Cattle	Ages	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
)	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	Ž.	1	❖ Primary vaccination 6 month or
		1 32	above
	1 1		* Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for adult birds.
		Coccidiosis	Amprolium or coccidiostat

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Dated: 22th August, 2014

District: Chhimtuipui Period: 23-27 August, 2014

Bulletin No: -443/2014/ Bulletin/English

	7 7		3		
Parameters	23-08-2014	24-08-2014	25-08-2014	26-08-2014	27-08-2014
Rainfall (mm)	3	14	31	10	4
Max Temp (oC)	28	29	30	28	30
Min Temp (oC)	18	18	19	18	21
Cloud Coverage	Mainly	Partially	Partially	Mainly	Mainly
	cloudy	cloudy	cloudy	clear	clear
Max RH (%)	99	100	100	100	100
Min RH (%)	72	55	59	73	70
Wind Speed (Kmp	OH) 3	2	2	2	3
Wind Direction	South-easterly	South-easterly	Easterly	Easterly	Southerly
STATUS OF MON	SOON (August 1-30, 2				
		100	The state of the s		•
Kolasib-	Champhai-	- N	Iamit-	Aizav	w1-
Serchhip- Lawngtalia- Lunglei- Chhimtuipui-				-	
Weather sumr	nary of the past	Weather fore	cast valid from	23 th August 2	2014 To 27 th
	e days	V (August 2		
There is a chance of moderate to light rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 28-30°C and 18-21°C. Maximum relative humidity is expected in the range of 99-100% and minimum may from 59-73%. Wind direction would be southeasterly with the wind speed of 2-3 km per hour. Partially cloudy sky weather will prevail during the next five days.					
Main Crop/	Store	Cultural prac	ekly cumulative re	ltural/Horticul	
Animal /Fisheries	Stage	Pest/ Diseas		husbandry adv	
Khasi	Vegetative stage	Canker	• Denna	the diseased and	d dood twigs
Mandarin	vegetative stage	Canker	ATHA Frune		_
Mandariii				nd dressing w	
				and mulch with	
		W Park	consei	ve moisture an	d suppress the

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			growth of weed.
			• For canker, spray streoptomycin
			2g/10 lt of water.
	7 /	1	• Excess water removes from the base
			of the plant.
Banana	Vegetative/	KOLASIB	✓ Remove water sucker, keep 1 or 2
	harvesting	[N	plants in a single place. ✓ Remove sword sucker and use it as
	/	3 4	new planting material.
	7		✓ Excess water removes from the base
	1		of the plant.
	J		✓ Fertilizer application in split dose of
	? MAMIT		recommended dose.
Pineapple	Vegetative stage	AIZAWL CH	o Clean the vicinity of plants by
		C. Literature 1 or	weeding and loosen up the soil.
	1	1	o Remove slips and use it as a new
	1	3 6. (planting material.
	\	1 3 7	o Sucker dipping treatment with
	1		Bavistin @ 3g + Chloropyriphos @
		SERCHHIP	1 g/lt of water to protect against soil borne disease and insect.
		(~)	Weeding and intercultural
	1		operation.
Cucurbits	Vegetation stage		Trilling into bower structure.
			Fertilizer application in split dose
	/	LUNGLEI	of recommended dose.
	7	5-31/3 S 5-31	Weeding near the plant
		Con si	♣ Draining of excess water and
	27	0	preparation mound near the base.
Okra	Vegetation stage		✓ Weeding near the plant
OKIA	vegetation stage		Fertilizer application in split dose
		1 6 4	of recommended dose.
			Draining of excess water and
		LAWNGTLAND	preparation mound near the base.
		Disease: SAIHA	o Crop rotation with chiilies, tomato
		Wilt-	etc.
		5	Treatment of seed with 3 g of
		4 1	captan or thiram per kg before
		1 4	2 P a g e

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			sowing.
		Yello <mark>w vei</mark> n mosaic-	o Spray 560 ml of Malathion 50 EC
		for the second	in 350 litre of water per acre for the
		/	control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of
	37.	Worm-	water acre.
	5	Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage	2 1	Weeding near the plant
)	5	❖ Fertilizer application in split dose
	1	5	of recommended dose.
			 Draining of excess water and
	7 MAMIT	3	preparation mound near the base.
	5	Disease:	o Seed treatment with captan, thiram
		Damping off-	or chlorothalonil will effectively
)	control this disease.
	À.	Pest:	 Sulfur fungicides can be used to
	1	Mites and hoppers-	control this pest.
Cowpea	Vegetative stage		♣ Trilling into bower structure.
	1.7		Fertilizer application in split dose
		SERCHHIP	of recommended dose.
		V (-)	Weeding near the plant
			♣ Draining of excess water and
			preparation mound near the base.
		Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Ginger &	Vegetation stage		✓ Weeding in turmeric and ginger field
Turmeric	L.		✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @
			2.5g/litre of water or Bavistin @
	i i		1g/litre of water, 2-3 sprayings
	7	1 6 9	should be given forthnightly
		Y Y	intervals.
		LAWNGTLAL	o Spraying of Blitox @ 3 g/l of water
		SAIHA	was found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot
		(2)	✓ Topdressing with urea fertilizer.

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		Disease:	- Used of resistant varieties.
		Stewart's bacterial	- Field sanitation.
		wilt.	- Crop rotation with leguminous crop.
	7 /	Pest:	- If earworm damage occurs, clipp off
	1 1	Corn earworm	the tip of the ear and any affected
		KOLASIB	kernels. The rest of should be fine to
	1	he S	eat.Crop rotation with leguminous crop.
Rice	Maximum	3 1	✓ One hand weed will require.
11100	Seedling stage		✓ Application of split dose of Urea.
		Rice Stem borer	To manage the attack a Spray of either
	- E		validamycin 3L @ 2.5 ml or
	7 MAMIT	()	Hexaconazole 5 EC @ 2.0 ml or
	5	AIZAWL CH	Propiconazole 25 EC @ 1 mlper liter of
		A LUMBER AND THE PARTY OF THE P	water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
	, A	Respiratory Syndrome (PRRS).	3
	1	Swine fever.	2. Vaccination of pigs with SF vaccines
	13		at 2 months and yearly interval/6
		SERCHHIP	month interval
Cattle	Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat
	<u> </u>	Disease (FMD)	every 6 month.
		Black Quarter (BQ)	Black Quarter Vaccine (BQV).
		UUMUUSI EUR	Primary vaccination 6 month or
		LUNGLEI	above
Doubles	Agos	Davilsh at Digna	Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for adult birds.
		Coccidiosis	Amprolium or coccidiostat
		Cocciuiosis	1. Ampionum of cocciulostat

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ICAR RESEARCH COMPLEX FOR NEH REGION

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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)



Dated: 22th August, 2014

District: Champhai Period: 23-27 August, 2014

Bulletin No: -443/2014/ Bulletin/English

	/ / /		(
Parameters	23-08-2014	24-08-2014	25-08-2014	26-08-2014	27-08-2014
Rainfall (mm)	4	0	8	4	11
Max Temp (oC)	28	30	30	29	30
Min Temp (oC)	19	18	19	18	20
Cloud Coverage	Mainly Cloudy	Mainly Cloudy	Partialy Cloudy	Mainly Cloudy	Mainly Cloudy
Max RH (%)	99	98	97	99	100
Min RH (%)	79	53	58	64	72
Wind Speed (Km)	pH) 4	4	3	3	2
Wind Direction	Southerly	Southerly	Southerly	Southerly	South-westerly
STATUS OF MON	NSOON (August 1-30, 20				
		AIZAVIL	CHAMPAI		
Kolasib-	Champhai-		amit-	Aizawl-	
11010010	Ollampilai	1120		7	
	1	A Section	V		
Serchhip-	Lawngtalia-	T 11	nglei-	Chhimt	ານ ່າ ການi_
Sercimp-	Dawngtana	Du	IIgici	Cililini	aipai
Woother sum	many of the nest	Weather for	ecast valid from	22 th August 2	014 To 27 th
	mary of the past	vveatilet for			014 10 27
thre	e days	N/SS	August		
		maximum and min 28-30 ⁰ C and 18-20	of moderate to light imum temperatures of C. Maximum rel and minimum ma	for the next 5 da ative humidity is	ys may range for expected in the
			sterly with the w		
			y weather will prev		
		artially cloudy bk	weather will prev	an daning the nex	it iive days.
		A SW	eekly cumulative r	ainfall:027 0mm	
Main Crop/	Ctogo			utnjutt. 027.011111 Iltural/Horticult	
Animal /Fisheries	Stage	Cultural practic		husbandry advi	
Khasi	Vegetative stage	Canker	• Prune th	e diseased and de	ad twigs.
Mandarin		LAWNGTLANSA	• Wound mulch w	dressing with Bo with dry grass to coress the growth of	ordeaux paste and onserve moisture

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• For canker, spray streoptomycin 2g/10 lt

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



			of water.
			• Excess water removes from the base of the
		for the second	plant.
Banana	Vegetative/	7 3	✓ Remove water sucker, keep 1 or 2 plants in
	harvesting		a single place.
	250	KOLASIB	✓ Remove sword sucker and use it as new
	4		planting material.
	1	MY (✓ Excess water removes from the base of the
	>		plant.
	1	7 5	✓ Fertilizer application in split dose of
Dinconnle	Vacatatina stana	\	recommended dose.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and loosen up the soil.
	2	A facility of the	- Damova cline and use it as a navy planting
	3	ATZAWL CH	material.
	\	3	Sucker dipping treatment with Bavistin @
	\		3g + Chloropyriphos @ 1 g/lt of water to
	1	(4 1) 70	protect against soil borne disease and
	1		insect.
))		Weeding and intercultural operation.
Cucurbits	Vegetation stage	SERCHHIP	Trilling into bower structure.
		V (Fertilizer application in split dose of
	Y .		recommended dose.
			Weeding near the plantDraining of excess water and preparation
		DOMOGRAPHIC	mound near the base.
		LUNGLEI	mound hear the base.
Okra	Vegetation stage		✓ Weeding near the plant
		(A) (S)	✓ Fertilizer application in split dose of
			recommended dose.
	3		✓ Draining of excess water and preparation
			mound near the base.
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	Treatment of seed with 3 g of captan or thiram per kg before sowing.
		Yellow vein mosaic-	o Spray 560 ml of Malathion 50 EC in 350
		Tenow veni mosaic-	litre of water per acre for the control of
			vector.
			No.

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Mizoram Centre, Kolasib- 796081, MIZORAM





		Pest:	o Spray 150 ml malathion 50 litres of water
		Worm-	acre.
	5	Spider mite-	 Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage	KOLASIB	 Weeding near the plant Fertilizer application in split dose of recommended dose. Draining of excess water and preparation
	ζ.) 1	mound near the base.
		Disease: Damping off-	 Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
	/ MAMIT	Pest: Mites and hoppers-	 Sulfur fungicides can be used to control this pest.
Cowpea	Vegetative stage	wites and noppers-	 Trilling into bower structure. Fertilizer application in split dose of
	35	JJK	recommended dose. Weeding near the plant Draining of excess water and preparation mound near the base.
	F	Scab and leaf blight disease	 Use of resistant varieties.
Ginger & Turmeric	Vegetation stage		✓ Weeding in turmeric and ginger field ✓ Gap filling
	1	Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly intervals.
		A M	o Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Maize	Flowering stage	75	✓ Weeding in maize plot ✓ Topdressing with urea fertilizer.
		Disease: Stewart's bacterial	- Used of resistant varieties Field sanitation.
		Pest: SAIHA	- Crop rotation with leguminous crop.
		Corn earworm	- If earworm damage occurs, clipp off the tip of the ear and any affected kernels. The rest of should be fine to eat.
	J.	E Pel	r. = -

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			- Crop rotation with leguminous crop.
Rice	Maximum		✓ One hand weed will require.
	Seedling stage	5	✓ Application of split dose of Urea.
	1/ 1/	Rice Stem borer	To manage the attack a Spray of either
	1 1	F)	validamycin 3L @ 2.5 ml or Hexaconazole 5
		KOLASIB	EC @ 2.0 ml or Propiconazole 25 EC @ 1
			mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
	}	Respiratory Syndrome (PRRS).	
	} MAMIT	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	Ages	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
)	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
),		 Primary vaccination 6 month or above
		() 1	 Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for adult birds.
		Coccidiosis	Amprolium or coccidiostat

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



Dated: 22th August, 2014

District: Aizawl Period: 23-27 August, 2014

Bulletin No: -443/2014/ Bulletin/English

Parameters	23-08-2014	24-08-2014	25-08-2014	26-08-2014	27-08-2014
Rainfall (mm)	3	7.00	18	5	9
Max Temp (oC)	29	30	30	29	30
Min Temp (oC)	19	19	19	19	20
Cloud Coverage	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	99	98	98	100	100
Min RH (%)	78	58	67	68	69
Wind Speed (Km	pH) 4	5	4	3	2
Wind Direction	South-easterly	South-easterly	South-easterly	South-easterly	South-westerly
STATUS OF MON	NSOON (August 1-30, 20	14, in bracket perce	ent of variation ove	er normal) <mark>will st</mark> ar	t shortly
Kolasib-	Champhai-	AIZAVIL M	amit-	Aizawl	-
Serchhip-	Lawngtalia-	Li	ınglei-	Chhim	ntuipui-
Weather sum	mary of the past	Weather for	ecast valid from	n 23 th August 2	2014 To 27 th
	e days	SER	August		
		There is a chance The maximum an range for 29-30 ^o expected in the rawind direction we per hour. Partiall five days.	d minimum temp C and 19-20 ⁰ C. unge of 98-100% ould be southeaste	Maximum related and minimum materly with the wind eather will prevail	next 5 days may tive humidity is ay from 58-78%. speed of 2-5 km l during the next
Main Crop/	Stage	Cultural pract		cultural/Horticul	
Animal /Fisheries		Pest/ Disease	es	husbandry adv	
Khasi Mandarin	Vegetative stage	LAWN Canker S	● Wour and m	nulch with dry g	lead twigs. Bordeaux paste rass to conserve the growth of

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



		• For canker, spray streoptomycin 2g/10 lt of water.
		• Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting KOLASIB	 ✓ Remove water sucker, keep 1 or 2 plants in a single place. ✓ Remove sword sucker and use it as new
	1 12	planting material. ✓ Excess water removes from the base of
	1 3 5	the plant. ✓ Fertilizer application in split dose of recommended dose.
Pineapple	Vegetative stage	 Clean the vicinity of plants by weeding and loosen up the soil. Remove slips and use it as a new planting material.
	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	 Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.
Cucurbits	Vegetation stage	 Weeding and intercultural operation. Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant
	LUNGLEI	Draining of excess water and preparation mound near the base.
Okra	Vegetation stage	 ✓ Weeding near the plant ✓ Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and
	Disease:	preparation mound near the base. O Crop rotation with chiilies, tomato etc. O Treatment of seed with 3 g of captan or thiram per kg before sowing.
	Yellow vein mo	

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			control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of
	1	Worm-	water acre.
	7.7	Spider mite-	o Spray 250 ml of metasystox 25 EC in
		S	125 litres of water
Brinjal	Vegetation stage	KOLASIB	Weeding near the plant
	1		* Fertilizer application in split dose of
)	(44)	recommended dose.
	5	2 1	 Draining of excess water and
	1		preparation mound near the base.
		Disease:	 Seed treatment with captan, thiram or
	₹	Damping off-	chlorothalonil will effectively control
	7 MAMIT		this disease.
	5	Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	1	Trilling into bower structure.
	1	1 000	♣ Fertilizer application in split dose of
		1 3 0	recommended dose.
	A (**		Weeding near the plant
	2.2	- Action in the	→ Draining of excess water and
		SERCHHIP	I I
	N N	Scab and leaf blight	✓ Use of resistant varieties.
G1 0	77	disease	
Ginger &	Vegetation stage		Weeding in turmeric and ginger field
Turmeric		T = 0	✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of
			water or Bavistin @ 1g/litre of water,
		500	2-3 sprayings should be given
			forthnightly intervals.
	<u>11</u>		o Spraying of Blitox @ 3 g/l of water was
Maina	Elemenine etem		found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial	- Field sanitation.
		wilt. SAIHA	- Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the
		Corn earworm	tip of the ear and any affected kernels.
		Corn carworm	up of the car and any affected kerners.

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Mizoram Centre, Kolasib- 796081, MIZORAM





		The rest of should be fine to eat.
		- Crop rotation with leguminous crop.
Maximum	5	✓ One hand weed will require.
Seedling stage	1	✓ Application of split dose of Urea.
1 1	Rice Stem borer	To manage the attack a Spray of either
	KOLASIB	validamycin 3L @ 2.5 ml or Hexaconazole
1	1 10200	5 EC @ 2.0 ml or Propiconazole 25 EC @
	Let S	1 mlper liter of water.
Ages	Por <mark>cine Reproduc</mark> tive	1. Culling of positive pigs or piglets.
- (Respiratory Syndrome	
10	(PRRS).	\
	Swine fever.	2. Vaccination of pigs with SF vaccines at
7 MAMIT	(2 months and yearly interval/6 month
5	ATTAVU CH	interval
Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat
1	Disease (FMD)	every 6 month.
1	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	1 30	Primary vaccination 6 month or
1 0		above
))	-	Revaccination annually
Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for
Ü	VTL	adult birds.
4	Coccidiosis	Amprolium or coccidiostat
	Ages MAMIT	Ages Porcine Reproductive Respiratory Syndrome (PRRS). Swine fever. Ages Foot and Mouth Disease (FMD) Black Quarter (BQ) Ages Ranikhet Disease.

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



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Dated: 22th August, 2014

District: Serchhhip Period: 23-27 August, 2014

Bulletin No: -443/2014/ Bulletin/English

	2006 2 200 0				1
Parameters	23-08-2014	24-08-2014	25-08-2014	26-08-2014	27-08-2014
Rainfall (mm)	3	3.00	11	0	4
Max Temp (oC)	28	29	29	27	30
Min Temp (oC)	18	17	18	17	20
Cloud Coverage	Mainly Cloudy	Partially Cloudy	Partially Cloudy	Mainly Cloudy	Mainly Cloudy
Max RH (%)	100	99	100	100	100
Min RH (%)	73	71	69	61	48
Wind Speed (Km ₁	PH) 2	2	2	2	2
Wind Direction	South-easterly	South-easterly	South-easterly	westerly	South-westerly
STATUS OF MON	ISOON (August 1-30, 2	014, in bracket perce	ent of variation ove	r normal) will star	t shortly
Kolasib-	Champhai-	AIZAWL M	amit-	Aizaw	L-
Serchhip-	Lawngtalia	- li	inglei-	Chhin	ıtuipui-
Weather sumi	mary of the past	Weather for	ecast valid fror	n 23 th August 2	2014 To 27 th
	e days	SER	August		
			d minimum temp C and 17-20°C. Inge of 99-100% ould be southwest by cloudy sky we	eratures for the Maximum related and minimum materly with the wire ather will prevail the mater will prevail the mater will prevail the mater will prevail the material than the material that will prevail the material that will prevail the material that will be material to the material that will be material that will be material to the material that will be material to the material that will be material that will be material to the material that will be material that will be material to the material that will be material than the material than the material than the material that will be material that will be material that will be material than the material that will be material than the material th	next 5 days may tive humidity is ay from 48-73%. Ind speed of 2 km l during the next
Main Crop/	Stage	Cultural pract	ices/ Agric	ultural/Horticul	tural/ animal
Animal / /Fisheries		Pest/ Disease		husbandry adv	
Khasi Mandarin	Vegetative stage	LAWN Canker S	• Wound and m	ulch with dry g	dead twigs. Bordeaux paste rass to conserve the growth of

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



		• For canker, spray streoptomycin 2g/10 lt of water.
	5	• Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting KOLASH	✓ Remove water sucker, keep 1 or 2 plants in a single place. ✓ Remove sword sucker and use it as new
	} ~~	planting material. ✓ Excess water removes from the base of
] }	the plant. ✓ Fertilizer application in split dose of recommended dose.
Pineapple	Vegetative stage	o Remove slips and use it as a new
	1	planting material. Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.
Cucurbits	Vegetation stage	 Weeding and intercultural operation. Trilling into bower structure. Fertilizer application in split dose of recommended dose.
	LUNGLEI	Weeding near the plant Draining of excess water and preparation mound near the base.
Okra	Vegetation stage	 ✓ Weeding near the plant ✓ Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and
	Disea	preparation mound near the base. o Crop rotation with chillies, tomato etc.
	Yellow vein	SAIHA thiram per kg before sowing.

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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)



			control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of
		Worm-	water acre.
	7.7	Spider mite-	o Spray 250 ml of metasystox 25 EC in
	1 1	S	125 litres of water
Brinjal	Vegetation stage	KOLASIB	Weeding near the plant
	1		❖ Fertilizer application in split dose of
	1	W/2	recommended dose.
	5	2 /	 Draining of excess water and
	S	SL	preparation mound near the base.
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control
	7 MAMIT		this disease.
		Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	1	Trilling into bower structure.
	1	1 ()	♣ Fertilizer application in split dose of
		1 1 1	recommended dose.
	A S		Weeding near the plant
		SERCHHIP	Draining of excess water and
			preparation mound near the base. ✓ Use of resistant varieties.
	1	Scab and leaf blight disease	Use of resistant varieties.
Ginger &	Vegetation stage	uisease	✓ Weeding in turmeric and ginger field
Turmeric	vegetation stage		Gap filling
Turmeric		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of
)	Lung Dear spot	water or Bavistin @ 1g/litre of water,
		And the second second	2-3 sprayings should be given
		A ()	forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was
	3	14 A	found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot
		- A	✓ Topdressing with urea fertilizer.
		Disease:	-\ Used of resistant varieties.
		Stewart's bacterial	- Field sanitation.
		wilt. SAIHA	- Crop rotation with leguminous crop.
		Pest:	If earworm damage occurs, clipp off the
		Corn earworm	tip of the ear and any affected kernels.
			· · · · · · · · · · · · · · · · · · ·

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			The rest of should be fine to eat.
			- Crop rotation with leguminous crop.
Rice	Maximum		✓ One hand weed will require.
	Seedling stage	7	✓ Application of split dose of Urea.
	1 1	Rice Stem borer	To manage the attack a Spray of either
		KOLASIB	validamycin 3L @ 2.5 ml or Hexaconazole
	- L	1	5 EC @ 2.0 ml or Propiconazole 25 EC @
		LA)	1 mlper liter of water.
Pig	Ages	Por <mark>cine Reproduc</mark> tive	1. Culling of positive pigs or piglets.
)	Respiratory Syndrome	
	1	(PRRS).	
	· E	Swine fever.	2. Vaccination of pigs with SF vaccines at
	7 MAMIT	(2 months and yearly interval/6 month
	5	JAIZAWI CH	interval
Cattle	Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat
		Disease (FMD)	every 6 month.
	1	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
		() 1	Primary vaccination 6 month or
	1 0		above
))	-	Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for
•		VT L-S	adult birds.
	1	Coccidiosis	Amprolium or coccidiostat

LUNGLEI

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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)



Dated: 22th August, 2014

District: Mamit Period: 23-27 August, 2014

Bulletin No: -443/2014/ Bulletin/English

Parameters	23-08-2014	24-08-2014	25-08-2014	26-08-2014	27-08-2014
Rainfall (mm)	3	7.00	18	5	9
Max Temp (oC)	30	30	30	30	32
Min Temp (oC)	21	21	22	21	22
Cloud Coverage	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy
Max RH (%)	98	98	99	99	100
Min RH (%)	76	62	69	70	69
Wind Speed (Kmp	H) 5	6	5	4	2
Wind Direction	South-easterly	Southerly	Southerly	South-easterly	South-westerly
STATUS OF MON	SOON (August 1-30, 2	014, in bracket perd	cent of variation ov	er normal) <mark>will star</mark>	t shortly
Kolasib-	Champhai-	- AIZAVIL N	CHAMPAI Iamit-	Aizaw	<u> </u> -
Serchhip-	Lawngtalia	- ()	unglei-	Chhin	ntuipui-
Weather sumn	nary of the past	Weather for	ecast valid fro	m 23 th August 2	2014 To 27 th
	e days	SEI	CATHERINE A	t 2014.	
		The maximum at range for 30-32 expected in the r Wind direction was per hour. Partia five days.	nd minimum tem. OC and 22-21°C range of 98-100% rould be southeast ally cloudy sky where the state of the sta	ight rainfall durin peratures for the Maximum relation and minimum merly with the wind eather will prevail a rainfall:042.0mm	next 5 days may tive humidity is ay from 62-76%. I speed of 2-6 km I during the next
Main Crop/ Animal /Fisheries	Stage	Cultural prac Pest/ Diseas	es	cultural/Horticul husbandry adv	
Khasi Mandarin	Vegetative stage	LAWACanker	Wou and a	e the diseased and ond dressing with mulch with dry gure and suppress.	Bordeaux paste rass to conserve

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



		• For canker, spray streoptomycin 2g/10 lt of water.
		• Excess water removes from the base of the plant.
Banana	Vegetative/ KOLASIB	✓ Remove water sucker, keep 1 or 2 plants in a single place. ✓ Remove sword sucker and use it as new
	} h2	planting material. ✓ Excess water removes from the base of
		the plant. ✓ Fertilizer application in split dose of recommended dose.
Pineapple	Vegetative stage	 Clean the vicinity of plants by weeding and loosen up the soil. Remove slips and use it as a new planting material.
)	 Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.
Cucurbits	Vegetation stage	Weeding and intercultural operation. Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant Draining of excess water and
	LUNGLEI	preparation mound near the base.
Okra	Vegetation stage	 ✓ Weeding near the plant ✓ Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and preparation mound near the base.
		Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing.
	Yellow vein m	Spray 560 ml of Malathion 50 EC in 350 litre of water per acre for the

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			control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of
		Worm-	water acre.
	7.7	Spider mite-	o Spray 250 ml of metasystox 25 EC in
		S	125 litres of water
Brinjal	Vegetation stage	KOLASIB	Weeding near the plant
	1		* Fertilizer application in split dose of
)	(44)	recommended dose.
	5	2 1	 Draining of excess water and
			preparation mound near the base.
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control
	7 MAMIT		this disease.
	5	Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	7	Trilling into bower structure.
	1	3 & 6	♣ Fertilizer application in split dose of
	\	1 3 1	recommended dose.
	1		Weeding near the plant
	11		→ Draining of excess water and
		SERCHHIP	L F F
	N N	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Ginger &	Vegetation stage		✓ Weeding in turmeric and ginger field
Turmeric			✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of
	1		water or Bavistin @ 1g/litre of water,
	V.	2	2-3 sprayings should be given
	8-7		forthnightly intervals.
	11		o Spraying of Blitox @ 3 g/l of water was
3.7			found effective against leaf spot.
Maize	Flowering stage	1 6 9	✓ Weeding in maize plot
		Discount	✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial wilt.	- Field sanitation.
		, , , , , , , , , , , , , , , , , , ,	- Crop rotation with leguminous crop.
		Pest:	If earworm damage occurs, clipp off the
		Corn earworm	tip of the ear and any affected kernels.

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			The rest of should be fine to eat.
			- Crop rotation with leguminous crop.
Rice	Maximum		✓ One hand weed will require.
	Seedling stage	7	✓ Application of split dose of Urea.
	1 1	Rice Stem borer	To manage the attack a Spray of either
		KOLASIB	validamycin 3L @ 2.5 ml or Hexaconazole
	Į.	1	5 EC @ 2.0 ml or Propiconazole 25 EC @
		44	1 mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
	- (Respiratory Syndrome	
	1	(PRRS).	\
		Swine fever.	2. Vaccination of pigs with SF vaccines at
	7 MAMIT	()	2 months and yearly interval/6 month
	5	ATTAVU CH	interval
Cattle	Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat
	1	Disease (FMD)	every 6 month.
	Į.	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	\	() > 0	Primary vaccination 6 month or
	1 6		above
))	-	Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for
		VT L-	adult birds.
	1	Coccidiosis	Amprolium or coccidiostat

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Dated: 22th August, 2014

District: Lunglei Period: 23-27 August, 2014

Bulletin No: -443/2014/ Bulletin/English

Parameters	23-08-2014	24-08-2014	25-08-2014	26-08-2014	27-08-2014
Rainfall (mm)					
	3	KO 9 SID	22	3	3
Max Temp (oC)	28	29	30	28	30
Min Temp (oC)	19	19	20	19	21
Cloud Coverage		Partially	/a	50 s	36 1 1
7. TOTAL (0/1)	Mainly cloudy	cloudy	Partially cloudy	Mainly clear	Mainly clear
Max RH (%)	98	96	99	99	96
Min RH (%)	61	63	65	69	68
Wind Speed (Kmp	The second second second second second	5	5	5	3
Wind Direction	South-easterly		South-easterly	South-easterly	South-westerly
STATUS OF MON	ISOON (August 1-30, 2	014, in bracket perce	ent of variation over	normal) will start	shortly
Kolasib-	Champhai-	M	amit-	Aizawl-	
Serchhip-	Lawngtalia	Li	ınglei-	Chhim	tuipui-
	Weather summary of the past three days Weather forecast valid from 23 th August 2014 To 27 th August 2014.				2014 To 27 th
		maximum and mir 28-30°C and 19-2 range of 96-99% would be souther Partially cloudy sk	of moderate to light imum temperature 10°C. Maximum reand minimum masterly with the very weather will prevented by cumulative	es for the next 5 delative humidity is an array from 61-69% wind speed of 3 wail during the next	ays may range for s expected in the . Wind direction -5 km per hour. xt five days.
Main Crop/ Animal /Fisheries	Stage	Cultural pract Pest/ Disease	ices/ Agric	cultural/Horticul husbandry adv	tural/ animal
Khasi Mandarin	Vegetative stage	Canker	• Wound mulch and sup	with dry grass to oppress the growth	ordeaux paste and conserve moisture

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			of water.
			• Excess water removes from the base of the
		f Fin	plant.
Banana	Vegetative/	7	✓ Remove water sucker, keep 1 or 2 plants in
	harvesting	5	a single place.
		KOLASIB	✓ Remove sword sucker and use it as new
	1		planting material.
)	(A)	✓ Excess water removes from the base of the
	5		plant.
	y	STATE L	✓ Fertilizer application in split dose of
			recommended dose.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding
	/ MAMIT	1	and loosen up the soil.
	4	AIZAWL CH	o Remove slips and use it as a new planting
			material.
)	}	o Sucker dipping treatment with Bavistin @
	1	3 & C	3g + Chloropyriphos @ 1 g/lt of water to
	\	1 3 0	protect against soil borne disease and
	1		insect.
G 114	77	- Action of the	Weeding and intercultural operation.
Cucurbits	Vegetation stage	SERCHHIP	Trilling into bower structure.
	N. Carlotte	19 1-	Fertilizer application in split dose of
	3		recommended dose.
			Weeding near the plantDraining of excess water and preparation
		THE RESERVE OF THE PERSON OF T	mound near the base.
		LUNGLEI	mound near the base.
Okra	Vegetation stage		✓ Weeding near the plant
0 222 0	, egetuezez sung	8~	✓ Fertilizer application in split dose of
	5-A		recommended dose.
			✓ Draining of excess water and preparation
		3 1 5 1	mound near the base.
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	o Treatment of seed with 3 g of captan or
		LAWNGTLAL	thiram per kg before sowing.
		Yellow vein mosaic-	o Spray 560 ml of Malathion 50 EC in 350
			litre of water per acre for the control of
			vector.

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		Pest:	o Spray 150 ml malathion 50 litres of water
		Worm-	acre.
	5	Spider mite-	 Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage	KOLASIB	 Weeding near the plant Fertilizer application in split dose of recommended dose. Draining of excess water and preparation
	Ş	Diagona	mound near the base.
	}	Disease: Damping off-	 Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
	MAMIT	Pest: Mites and hoppers-	 Sulfur fungicides can be used to control this pest.
Cowpea	Vegetative stage		 Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant
	35		Draining of excess water and preparation mound near the base.
		Scab and leaf blight disease	Use of resistant varieties.
Ginger & Turmeric	Vegetation stage		✓ Weeding in turmeric and ginger field ✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly intervals.
		St.	o Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Maize	Flowering stage	275	✓ Weeding in maize plot✓ Topdressing with urea fertilizer.
		Disease: Stewart's bacterial AWN Swilt.	Used of resistant varieties.Field sanitation.Crop rotation with leguminous crop.
		Pest: SAIHA Corn earworm	- If earworm damage occurs, clipp off the tip of the ear and any affected kernels. The rest of should be fine to eat.
		D 1	The rest of should be line to eut.

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			- Crop rotation with leguminous crop.
Rice	Maximum		✓ One hand weed will require.
	Seedling stage	5	✓ Application of split dose of Urea.
	4.7	Rice Stem borer	To manage the attack a Spray of either
	1 1		validamycin 3L @ 2.5 ml or Hexaconazole 5
		KOLASIB	EC @ 2.0 ml or Propiconazole 25 EC @ 1
			mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
	Ş	Respiratory Syndrome (PRRS).	
	} MAMIT	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	Ages	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
		Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	1	3 6 6	 Primary vaccination 6 month or above
		1 3 0	Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for adult birds.
		Coccidiosis	1. Amprolium or coccidiostat

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