

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM





Dated: 29th August, 2014

District: Aizawl Period: 30 August-03 September, 2014

Bulletin No: -445/2014/ Bulletin/English

Parameters	30-08-2014	31-08-2014	01-09-2014	02-09-2014	03-09-2014
Rainfall (mm)	8	10	7	12	9
Max Temp (oC)	33	29	27	34	33
Min Temp (oC)	20	20	20	20	21
Cloud Coverage	Mainly cloudy	Ma <mark>inly cloudy</mark>	Mainly cloudy	Partially cloudy	Partially cloudy
Max RH (%)	100	100	100	100	100
Min RH (%)	87	82	80	86	87
Wind Speed (KmpH)	2	2	0	2	2
Wind Direction	North-easterly	South-easterly	Easterly	Easterly	South-westerly
STATUS OF MONSOO	N (August 1-30, 20	014, in bracket perd	cent of variation o	ver normal) <mark>will sta</mark>	rt shortly
	1	AIZAVIL	CHAMPAL		

Champhai-Aizawl-Kolasib-Mamit-Lawngtalia-Lunglei-Chhimtuipui-Serchhip-Weather forecast valid from 29th August 2014 To 03rd Weather summary of the past September, 2014. three days 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 27-34^oC and 20-21^oC. Maximum relative humidity is expected in the range of 100% and minimum may from 80-87%. Wind direction would be north-easterly with the wind speed of 0-2 km per hour. Mainly cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:046.0mm Cultural practices/ Agricultural/Horticultural/ animal Main Crop/ Stage Animal Pest/ Diseases husbandry advisories /Fisheries Khasi Vegetative stage Canker • Prune the diseased and dead twigs.

SAIHA

weed.

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• Wound dressing with Bordeaux paste

and mulch with dry grass to conserve moisture and suppress the growth of

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Mandarin



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



			• For canker, spray streoptomycin 2g/10 lt of water.
	5	1	• 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.
	Į		✓ Fertilizer application in split dose of recommended dose.
Pineapple	Vegetative stage	AIZAWL	 Clean the vicinity of plants by weeding and loosen up the soil. Remove slips and use it as a new planting material.
	3	SERCHHIP	 Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. Weeding and intercultural operation.
Cucurbits	Vegetation stage	LUNGLEI	Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant Draining of excess water and preparation mound near the base.
Okra	Vegetation stage	AN	 ✓ Weeding near the plant ✓ Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and preparation mound near the base.
		Disease: LAWNGWilt- SAIHA	 Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing.
_		Yellow vein mosaic-	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
	1	Worm-	water acre.
	7.7	Spider mite-	o Spray 250 ml of metasystox 25 EC in
		5	125 litres of water
Brinjal	Vegetation stage	KOLASIB	Weeding near the plant
	1		* Fertilizer application in split dose of
)	(recommended dose.
	5	2 1	 Draining of excess water and
		STATE OF THE STATE	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	3 6 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,
		2	2-3 sprayings should be given
	-	R	forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was
3.5			found effective against leaf spot.
Maize	Flowering stage	1 63 4	✓ Weeding in maize plot
		D:	✓ 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	for the same	✓ 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
	4		5 EC @ 2.0 ml or Propiconazole 25 EC @
		44	1 mlper liter of water.
Pig	Ages	Por <mark>cine Reproduc</mark> tive	1. Culling of positive pigs or piglets.
	f	Respiratory Syndrome	
	10	(PRRS).	
		Swine fever.	2. Vaccination of pigs with SF vaccines at
	7 MAMIT	()	2 months and yearly interval/6 month
	\$	A PANNE CH	interval
Cattle	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	Primary vaccination 6 month or
	1 1		above
	1 2	-	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

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District: Champhai Period: 30 August-03 September, 2014

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	2000 2000				
Parameters	30-08-2014	31-08-2014	01-09-2014	02-09-2014	03-09-2014
Rainfall (mm)	9	20	7	10	9
Max Temp (oC)	32	29	26	33	32
Min Temp (oC)	20	20	20	19	20
Cloud Coverage	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Partially Cloudy	Partially Cloudy
Max RH (%)	98	100	99	99	99
Min RH (%)	50	78	93	52	62
Wind Speed (Kmp	H) 2	2	4	2	2
Wind Direction	Easterly	Southerly	Easterly	South-easterly	South-westerly
STATUS OF MON	SOON (August 1-30, 2		cent of variation ove	r normal) will start	,
Kolasib-	Champhai-	1	CHAMPAI	Aizawl-	
Serchhip-	Lawngtalia		unglei-	Chhimt	-
	nary of the past	Weather for		m 29 th August 2 er, 2014.	2014 To 03 rd
There is a chance of moderate to light rainfall during the next 5 maximum and minimum temperatures for the next 5 days may recommodate to light rainfall during the next 5 days may recommodate to light rainfall during the next 5 days may recommodate to light rainfall during the next 5 days may recommodate to light rainfall to say maximum and minimum temperatures for the next 5 days may recommodate to light rainfall turing the next 5 days may recommodate to light rainfall during the next 5 days may recom				ays may range for s expected in the c. Wind direction -4 km per hour. If five days.	
Main Crop/	Stage	Cultural prac	tices/ Agri	cultural/Horticult	tural/ animal
Animal /Fisheries		Pest/ Diseases			isories
Khasi	Vegetative stage	Canker	• Prune	the diseased and de	ead twigs.
Mandarin		LAWNGTLAL	дінд mulch	nd dressing with Bo with dry grass to oppress the growth of	conserve moisture

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• For canker, spray streoptomycin 2g/10 lt

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			of water.
			• Excess water removes from the base of the
			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 Marketon	A fine	- Damova cline and use it as a navy planting
	30	ATZAWL CH	material.
	\	3	Sucker dipping treatment with Bavistin @
	3		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
	7	A 850	✓ 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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		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
	(3 1	mound near the base.
		Disease: Damping off-	 Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
	7 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.
	5	N 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.
		LAWNGwilt,	- 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 0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

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			- Crop rotation with leguminous crop.
Rice	Maximum		✓ One hand weed will require.
	Seedling stage		✓ Application of split dose of Urea.
	7 /	Rice Stem borer	To manage the attack a Spray of either
	1 1	T 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.
	}	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).
),	3 6	 Primary vaccination 6 month or above
		()	 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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LAWNGTLAL

SAIHA

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Kolasib-

INTEGRATED AGROMET ADVISORY SERVICE

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Dated: 29th August, 2014

Aizawl-

District: Chhimtuipui Period: 30 August-03 September, 2014

Bulletin No: -445/2014/ Bulletin/English

Parameters	30-08-2014	31-08-2014	01-09-2014	02-09-2014	03-09-2014
Rainfall (mm)	13	6	9	7	0
Max Temp (oC)	31	30	26	31	32
Min Temp (oC)	19	20	20	20	20
Cloud Coverage	Mainly	Mainly	Mainly	Partially	Partially
	cloudy	cloudy	cloudy	cloudy	cloudy
Max RH (%)	100	100	98	99	100
Min RH (%)	71	71	86	55	83
Wind Speed (KmpH)	2	2	4	4	2
Wind Direction	Easterly	South-westerly	Easterly	Easterly	Easterly

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

Serchhip- Lawngtalia- Lunglei- Chhimtuipui
Weather summary of the past | Weather forecast valid from 29th August 2014 To 03rd

There is a chance of moderate to light rainfall during the next 4 day. The maximum and minimum temperatures for the next 5 days may range for 26-32°C and 19-20°C. Maximum relative humidity is expected in the range of 98-100% and minimum may from 55-83%. Wind direction would be easterly with the wind speed of 2-4 km per hour. Mainly cloudy sky weather will prevail during the next five days.

Mamit-

Weekly cumulative rainfall:034.0mm Main Crop/ **Cultural practices**/ Agricultural/Horticultural/ animal Stage Pest/ Diseases Animal husbandry advisories /Fisheries Canker SAIHA Khasi Vegetative stage Prune the diseased and dead twigs. Mandarin • Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of

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Champhai-



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			weed.
			• For canker, spray streoptomycin 2g/10
			lt of water.
	7 /	5	• Excess water removes from the base of
D	T 7		the plant.
Banana	Vegetative/	KOLASIB	✓ Remove water sucker, keep 1 or 2
	harvesting	La	plants in a single place. ✓ Remove sword sucker and use it as
	(3 0 /	new planting material.
	7	(✓ Excess water removes from the base of
		3 2	the plant.
	J	7	✓ Fertilizer application in split dose of
	7 MAMIT		recommended dose.
Pineapple	Vegetative stage	AIZAWL CH	o Clean the vicinity of plants by
		CHIEFFIE CH	weeding and loosen up the soil.
		1	o Remove slips and use it as a new
	1	3 6.0	planting material.
		1 3 1	o Sucker dipping treatment with
	1		Bavistin @ 3g + Chloropyriphos @ 1
		SERCHHIP	g/lt of water to protect against soil
		SERCHHIP	borne disease and insect.
Cucurbits	Vogetation stage	W 1-7	 Weeding and intercultural operation. Trilling into bower structure.
Cucurbus	Vegetation stage		Fertilizer application in split dose of
			recommended dose.
		CHARLET ET	Weeding near the plant
	>	LUNGLEI	■ Draining of excess water and
	1	-	preparation mound near the base.
	5		
Okra	Vegetation stage	3	✓ Weeding near the plant
	1	1200	Fertilizer application in split dose of
			recommended dose.
		Y	Praining of excess water and preparation mound near the base.
		LAM Disease:	Crop rotation with chillies, tomato
		Wilt- SAIHA	etc.
			Treatment of seed with 3 g of captan
			or thiram per kg before sowing.
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		Yellow vein mosaic-	o Spray 560 ml of Malathion 50 EC in 350 litre of water per acre for the
		for the second	control of vector.
	7 1	Pest:	o Spray 150 ml malathion 50 litres of
		Worm-	water acre.
		Spider mite-	 Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage	W.	Weeding near the plant
	5	2 1	❖ Fertilizer application in split dose of
	1	5	recommended dose.
			 Draining of excess water and
	de la companya della companya della companya de la companya della		preparation mound near the base.
	7 MAMIT	Disease:	o Seed treatment with captan, thiram or
	5	Damping off-	chlorothalonil will effectively control
			this disease.
		Pest:	 Sulfur fungicides can be used to
	1	Mites and hoppers-	control this pest.
Cowpea	Vegetative stage	()	Trilling into bower structure.
	1 (Fertilizer application in split dose of
	1.3.		recommended dose.
		SERCHHIP	Barre Family
		Y Ly	→ Draining of excess water and
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		preparation mound near the base.
		Scab and leaf blight	✓ Use of resistant varieties.
		disease	R
Ginger &	Vegetation stage	LUNGLEI	Weeding in turmeric and ginger field
Turmeric	1		✓ Gap filling
	V.	Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre
		A T	of water or Bavistin @ 1g/litre of
			water, 2-3 sprayings should be given
		7 (1)	forthnightly intervals.
		0 63 9	o Spraying of Blitox @ 3 g/l of water
ъл		1	was found effective against leaf spot.
Maize	Flowering stage	LAWNGTLAN	Weeding in maize plot
		Disease: SAIHA	✓ Topdressing with urea fertilizer.Used of resistant varieties.
		Stewart's bacterial	Field sanitation.
		wilt.	
		wiit.	Crop rotation with leguminous crop.

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



		Pest:	- If earworm damage occurs, clipp off
		Co <mark>rn e</mark> arworm	the tip of the ear and any affected
		1	kernels. The rest of should be fine to
	7.7	7	eat.
	1 1	T	- Crop rotation with leguminous crop.
Rice	Maximum	KOLASIB	✓ One hand weed will require.
	Seedling stage		✓ Application of split dose of Urea.
)	Rice Stem borer	To manage the attack a Spray of either
	ς	2 1	validamycin 3L @ 2.5 ml or
	f	ALL LANDS	Hexaconazole 5 EC @ 2.0 ml or
	7		Propiconazole 25 EC @ 1 mlper liter of
	· de		water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
	5	Respiratory Syndrome (PRRS).	AMPAI
	1	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). Driver vaccineties (manth on the control of the control o
	· ·		Primary vaccination 6 month or above
	1		Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine
		LUNGLEI	🏂 for adult birds.
	(Coccidiosis	1. Amprolium or coccidiostat

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM





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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: 29th August, 2014

District: Kolasib Period: 30 August-03 September, 2014

Bulletin No: -445/2014/ Bulletin/English

Parameters	30-08-2014	31-08-2014	01-09-2014	02-09-2014	03-09-2014
Rainfall (mm)	4	8	7	9	7
Max Temp (oC)	33	30	28	34	33
Min Temp (oC)	21	21	21	21	22
Cloud Coverage	Mainly cloudy	Ma <mark>inly cloudy</mark>	Mainly cloudy	Partially cloudy	Partially cloudy
Max RH (%)	99	99	98	98	99
Min RH (%)	58	79	86	50	58
Wind Speed (KmpH)	2	2	4	2	2
Wind Direction	Easterly	Easterly	Easterly	Easterly	North-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 29.3-31.6°C and 23.8-24.8°C respectively. Mainly Cloudy weather was observed. Wind direction is southwesterly. Maximum RH observed 64-76% & minimum of 25-36%. Rainfall recorded for the past three days is 001.2 mm.

Weather forecast valid from 29th August 2014 To 03rd September, 2014.

CHAMPAL

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 28-33°C and 21-22°C. Maximum relative humidity is expected in the range of 98-99% and minimum may from 50-86%. Wind direction would be easterly with the wind speed of 2-4 km per hour. Mainly cloudy sky weather will prevail during the next five days.

Weekly cumulative rainfall:035.0mm

Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural/Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative stage	Canker	Prune the diseased and dead twigs.Wound dressing with Bordeaux paste
		SAIHA	and mulch with dry grass to conserve moisture and suppress the growth of
		121 8	weed. • For canker, spray streontomycin 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 plant.
Banana	Vegetative/		✓ Remove water sucker, keep 1 or 2 plants
	harvesting	5	in a single place.
		KOLASIB	✓ Remove sword sucker and use it as new
	1		planting material. ✓ Excess water removes from the base of
	("3 4 /	the plant.
	7		Fertilizer application in split dose of
			recommended dose.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding
	J' MAMIT	1	and loosen up the soil.
	7	AIZAVVL CH	o 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
	1 (disease and insect.
Cucurbits	Vagatation atom	SERCHHIP	o Weeding and intercultural operation.
Cucurbits	Vegetation stage	SERCHAIF	Trilling into bower structure.Fertilizer application in split dose of
	- {	~~~	recommended dose.
	1		■ Weeding near the plant
			→ Draining of excess water and
		LUNGLEI	preparation mound near the base.
Okra	Vegetation stage		✓ Weeding near the plant
		a 8~	✓ Fertilizer application in split dose of
			recommended dose.
		901	✓ Draining of excess water and
	(*)	Disease:	preparation mound near the base. 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
	<u></u>		of vector.

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



		Pest:	o Spray 150 ml malathion 50 litres of
		Worm-	water acre.
	5	Spider mite-	o 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.
	TIMAM }	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 Draining of excess water and
		Scab and leaf blight	preparation mound near the base.
		disease)
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.
	5	S \	 Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Maize	Flowering stage	175	✓ 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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Mizoram Centre, Kolasib- 796081, MIZORAM





			- Crop rotation with leguminous crop.
Rice	Maximum		✓ One hand weed will require.
	Seedling stage		✓ Application of split dose of Urea.
	7.7	Rice Stem borer	To manage the attack a Spray of either
	} \	5	validamycin 3L @ 2.5 ml or Hexaconazole
		KOLASIB	5 EC @ 2.0 ml or Propiconazole 25 EC @ 1
	1		mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
	5	Res <mark>piratory Syndr</mark> ome	
	1	(PRRS).	
	1	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	/ MAMIT		months and yearly interval/6 month interval
Cattle	Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat
		Disease (FMD)	every 6 month.
		Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	1	3 8 6	Primary vaccination 6 month or
		1 30	above
	1 6		 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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ICAR RESEARCH COMPLEX FOR NEH REGION

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INTEGRATED AGROMET ADVISORY

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Dated: 29th August, 2014

District: Lawngtalai Period: 30 August-03 September, 2014

Bulletin No: -445/2014/ Bulletin/English

Parameters	30-08-2014	31-08-2014	01-09-2014	02-09-2014	03-09-2014
Rainfall (mm)	11	V-5, cm	9	8	0
Max Temp (oC)	31	30	27	31	31
Min Temp (oC)	21	21	21	21	21
Cloud Coverage	Mainly Cloudy	Ma <mark>inly Cloudy</mark>	Mainly Cloudy	Partially Cloudy	Partially Cloudy
Max RH (%)	98	99	97	97	98
Min RH (%)	73	72	84	58	80
Wind Speed (Kmpl	H) 4	4	6	5	4
Wind Direction	Easterly	Southerly	Easterly	Easterly	Easterly
STATUS OF MONS	SOON (August 1-30, 2	014, in bracket perc	cent of variation ov	er normal) will star	t shortly
Kolasib-	Champhai-	}	Iamit-	Aizawl	
Serchhip-	Serchhip- Lawngtalia- Lunglei- Chhimtuipui-				ituipui-
Weather summary of the past three days Weather forecast valid from 29 th August 2014 To 03 rd September, 2014.			2014 To 03 rd		
There is a chance of moderate to light rainfall during the next 4 do The maximum and minimum temperatures for the next 5 days in range for 27-31°C and 21°C. Maximum relative humidity is expect in the range of 97-99% and minimum may from 72-84%. We direction would be easterly with the wind speed of 4-6 km per how Mainly cloudy sky weather will prevail during the next five days. *Weekly cumulative rainfall:033.0mm*				next 5 days may nidity is expected a 72-84%. Wind 4-6 km per hour. at five days.	
Main Crop/ Animal /Fisheries	Stage	Cultural prac Pest/ Diseas		cultural/Horticul husbandry adv	
Khasi Mandarin	Vegetative stage	Canker	• Wou and a	the diseased and ond dressing with mulch with dry gure and suppress	Bordeaux paste rass to conserve

weed.

• For canker, spray streoptomycin 2g/10 lt

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



			of water.
			• Excess water removes from the base of
		A PERM	the plant.
Banana	Vegetative/	1	✓ Remove water sucker, keep 1 or 2 plants
	harvesting	V	in a single place.
		KOLASIB	✓ Remove sword sucker and use it as new
		() S	planting material.
	1	7 6 1	✓ Excess water removes from the base of the plant.
	7		✓ Fertilizer application in split dose of
	7	2000	recommended dose.
Pineapple	Vegetative stage		Clean the vicinity of plants by weeding
ттеарые	MAMIT		and loosen up the soil.
	ζ	100	- Domovo cline and use it as a navy
	\ \frac{1}{2}	AIZAWL CH	planting material.
	\	1	o Sucker dipping treatment with Bavistin
	1	1 6 7	@ 3g + Chloropyriphos @ 1 g/lt of
	\	() 1	water to protect against soil borne
			disease and insect.
		ACTION IN THE	Weeding and intercultural operation.
Cucurbits	Vegetation stage	SERCHHIP	8
	\	14 1-3	Fertilizer application in split dose of recommended dose.
	7		Weeding near the plant
	J.		Draining of excess water and
		CONTRACTOR OF THE PARTY OF THE	preparation mound near the base.
	<u> </u>	LUNGLEI	FF
Okra	Vegetation stage		✓ Weeding near the plant
	h		✓ Fertilizer application in split dose of
			recommended dose.
	8	(San P	✓ Draining of excess water and
			preparation mound near the base.
		Disease: Wilt-	Crop rotation with chiilies, tomato etc.Treatment of seed with 3 g of captan or
		VVIII-	thiram per kg before sowing.
		Yellow vein mosaic-	o Spray 560 ml of Malathion 50 EC in
		Total III III III III III III III III III I	350 litre of water per acre for the
		0	control of vector.
	-1-	100	

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		Pest:	o Spray 150 ml malathion 50 litres of
		Worm-	water acre.
		Spider mite-	o Spray 250 ml of metasystox 25 EC in
	7. /	1	125 litres of water
Brinjal	Vegetation stage		❖ Weeding near the plant
		KOLASIB	❖ Fertilizer application in split dose of
	4		recommended dose.
	1	Wy (❖ Draining of excess water and
			preparation mound near the base.
	1	Disease:	o Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control
	\$ 11000		this disease.
	J MAMIT	Pest:	o Sulfur fungicides can be used to control
C	\$74-4	Mites and hoppers-	this pest.
Cowpea	Vegetative stage	7	Trilling into bower structure.
	1	3	Fertilizer application in split dose of recommended dose.
	4		Weeding near the plant
) &		Draining of excess water and
	1 5		preparation mound near the base.
		Scab and leaf blight	
	The state of the s	disease	See of resistant varieties.
Ginger &	Vegetation stage		✓ Weeding in turmeric and ginger field
Turmeric			✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of
	1	LUNGLEI	water or Bavistin @ 1g/litre of water,
	3		2-3 sprayings should be given
		ČC .	forthnightly intervals.
	1	a (~	• Spraying of Blitox @ 3 g/l of water was
	1	J.\	found effective against leaf spot.
Maize	Flowering stage	1 9 C	✓ Weeding in maize plot
	<u> </u>	(())	✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial	- Field sanitation.
		LAWNGWIR	- Crop rotation with leguminous crop.
		Pest: SAIHA	- If earworm damage occurs, clipp off the
		Corn earworm	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		✓ Application of split dose of Urea.
	7 /	Rice Stem borer	To manage the attack a Spray of either
	1 \->	5	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.
	5	Res <mark>piratory Syndr</mark> ome	
	1	(PRRS).	
	1	Swine fever.	2. Vaccination of pigs with SF vaccines at
		(2 months and yearly interval/6 month
	7 MAMIT)	interval
Cattle	Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat
		Disease (FMD)	every 6 month.
		Black Quarter (BQ)	 Black Quarter Vaccine (BQV).
	l,	3 6 6	Primary vaccination 6 month or
		1 3 7	aboye
			Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for
		SERCHHIP	adult birds.
		Coccidiosis	Amprolium or coccidiostat

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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





Dated: 29th August, 2014

District: Lunglei Period: 30 August-03 September, 2014

Bulletin No: -445/2014/ Bulletin/English

Parameters	30-08-2014	31-08-2014	01-09-2014	02-09-2014	03-09-2014
Rainfall (mm)	9	8	5	5	3
Max Temp (oC)	33	30	28	33	32
Min Temp (oC)	21	20	21	20	21
Cloud Coverage	Mainly cloudy	Mainly cloudy	Mainly cloudy	Partially cloudy	Partially cloudy
Max RH (%)	98	99	97	97	98
Min RH (%)	73	72	84	58	80
Wind Speed (KmpH)	4	4	6	5	4
Wind Direction	Easterly	Southerly	Easterly	Easterly	Easterly
STATUS OF MONSOO	N (August 1-30, 20	14, in bracket perce	ent of variation ove	r normal) will start	shortly
	3	AIZAVIL	CHAMPAI		

STATUS OF MON	STATUS OF MONSOON (August 1-30, 2014, in bracket percent of variation over normal) will start shortly					
Kolasib-	Champhai	The state of the s	Aizawl-			
Serchhip-	Lawngtalia					
Weather sum	mary of the past	Weather forecast	valid from 29 th August 2014 To 03 rd			
	e days	SERCHHIP	September, 2014.			
		and minimum temperaturand 20-21°C. Maximum 97-99% and minimum reasterly with the wind sy weather will prevail durin	cumulative rainfall:030.0mm			
Main Crop/	Stage	Cultural practices/	Agricultural/Horticultural/ animal			
Animal /Fisheries		Pest/ Diseases	husbandry advisories			
Khasi	Vegetative stage	Canker	• Prune the diseased and dead twigs.			
Mandarin		LAWNGTLAL	 Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed. For canker, spray streoptomycin 2g/10 lt of water. 			

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



Vegetative harvesting Vegetative 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. 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. 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 preparation mound near the base.				• Excess water removes from the base of the
As 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. 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. 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 preparation mound near the base. Okra Vegetation stage Vegetation in split dose of recommended dose. Vegetation stage Vegetation in split dose of recommended dose. Vegetation stage Vegetation stage Vegetation stage Vegetation stage Vegetation stage V	D	T 74.4°1		plant.
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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. 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 preparation mound near the base. Okra Vegetation stage Weeding near the plant Fertilizer application in split dose of recommended dose. Vegetation stage Corop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- Vegetation Stage Serchip		<u></u>	STATE L	recommended dose.
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material. Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. 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 preparation mound near the base. Okra Vegetation stage Vegetation stage Vegetation stage Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing. Vellow vein mosaic- Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. Weeding and intercultural operation. Fertilizer application in split dose of recommended dose. Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing.		Ł	/	and loosen up the soil.
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Cucurbits Vegetation stage SERCHHIP Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant Draining of excess water and preparation mound near the base. Vegetation stage Vegetation		\ \	2	protect against soil borne disease and
Cucurbits Vegetation stage SERCHHIP Fertilizer application in split dose of recommended dose. Weeding near the plant Draining of excess water and preparation mound near the base. Vegetation stage Vegetation in split dose of recommended dose. Vegetation stage Vegetation stage Vegetation stage Vegetation stage Vegetation stage Vegetation in split dose of recommended dose. Vegetation stage Vegetation stage Vegetation stage Vegetation stage Vegetation stage Vegetation stage Vegetation in split dose of recommended dose. Vegetation stage Vegetation in split dose of recommended dose. Vegetation stage Vegetation in split dose of recommended dose. Vegetation stage Vegetation stage Vegetation in split dose of recommended dose. Vegetation stage Vegetation st				insect.
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recommended dose. Weeding near the plant Draining of excess water and preparation mound near the base. Weeding near the plant Fertilizer application in split dose of recommended dose. Draining of excess water and preparation mound near the base. Disease: Crop rotation with chililes, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- Spray 560 ml of Malathion 50 EC in 350	Cucurbits	Vegetation stage	4	Trilling into bower structure.
Weeding near the plant Draining of excess water and preparation mound near the base. Weeding near the plant Fertilizer application in split dose of recommended dose. Draining of excess water and preparation mound near the base. Disease: Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- Spray 560 ml of Malathion 50 EC in 350			SERCHHIP	Fertilizer application in split dose of
Okra Vegetation stage 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: Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- Spray 560 ml of Malathion 50 EC in 350			V~ (_	recommended dose.
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Okra Vegetation stage Vegetation stage Vegetation stage Vegetation stage Vegetation stage Vegetation stage 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 mosaic- Spray 560 ml of Malathion 50 EC in 350				Draining of excess water and preparation
Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and preparation mound near the base. Disease: ○ Crop rotation with chillies, tomato etc. ○ Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- ○ Spray 560 ml of Malathion 50 EC in 350		E E		mound near the base.
Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and preparation mound near the base. Orop rotation with chillies, tomato etc. Wilt- Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- Spray 560 ml of Malathion 50 EC in 350			LINE E	7
recommended dose. ✓ Draining of excess water and preparation mound near the base. Disease: O Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- Spray 560 ml of Malathion 50 EC in 350	Okra	Vegetation stage	LUNGLEI	
Draining of excess water and preparation mound near the base. Disease: ○ Crop rotation with chillies, tomato etc. ○ Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- ○ Spray 560 ml of Malathion 50 EC in 350			~ (
Disease: Wilt- Disease: Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- Spray 560 ml of Malathion 50 EC in 350		4	(A)	recommended dose.
Disease: Wilt- Crop rotation with chillies, tomato etc. Treatment of seed with 3 g of captan or thiram per kg before sowing. Yellow vein mosaic- Spray 560 ml of Malathion 50 EC in 350			134	✓ Draining of excess water and preparation
Wilt- • Treatment of seed with 3 g of captan or thiram per kg before sowing. • Spray 560 ml of Malathion 50 EC in 350		j j		mound near the base.
Yellow vein mosaic- thiram per kg before sowing. Spray 560 ml of Malathion 50 EC in 350		-	Disease:	 Crop rotation with chillies, tomato etc.
Yellow vein mosaic- O Spray 560 ml of Malathion 50 EC in 350			Wilt-	o Treatment of seed with 3 g of captan or
				thiram per kg before sowing.
11, 0 , 0 , 1 , 1 0			Yellow vein mosaic-	
Integration of the control of			/ SAIHA	litre of water per acre for the control of
vector.				vector.
Pest: o Spray 150 ml malathion 50 litres of water			Pest:	o Spray 150 ml malathion 50 litres of water

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		Worm-	acre.
		S <mark>pider mite-</mark>	o Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage	/	Weeding near the plant
Dimjai	vegetation stage	3	❖ Fertilizer application in split dose of
		KOLASIB	recommended dose.
	5	la S	Draining of excess water and preparation mound near the base.
	(Disease:	 Seed treatment with captan, thiram or
	1	Damping off-	chlorothalonil will effectively control this disease.
		Pest:	o Sulfur fungicides can be used to control
	7 MAMIT	Mites and hoppers-	this pest.
Cowpea	Vegetative stage	AIZAVIL CH	Trilling into bower structure.
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Fertilizer application in split dose of
)	1	recommended dose.
	A.	3 6 6	Weeding near the plant
	1	1 35	☐ Draining of excess water and
		Cook and loof blight	preparation mound near the base. ✓ Use of resistant varieties.
		Scab and leaf blight disease	Use of resistant varieties.
Ginger & Turmeric	Vegetation stage	VL	✓ 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
		LUNGLEI	sprayings should be given forthnightly
	3	A SAME AND	intervals.
		500	o Spraying of Blitox @ 3 g/l of water was
3.7.		A	found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot
		Disease:	✓ Topdressing with urea fertilizer.– Used of resistant varieties.
		Stewart's bacterial	- Gred of resistant varieties Field sanitation.
		wilt.	- Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the
		Corn earworm	tip of the ear and any affected kernels.
			The rest of should be fine to eat.
			Crop rotation with leguminous crop.
		Ed C	

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Rice	Maximum		✓ One hand weed will require.
	Seedling stage		✓ Application of split dose of Urea.
		Rice Stem borer	To manage the attack a Spray of either
	7.7	1	validamycin 3L @ 2.5 ml or Hexaconazole 5
) \	£ 5	EC @ 2.0 ml or Propiconazole 25 EC @ 1
		KOLASIB (mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
		Respiratory Syndrome	
	ζ.	(PRRS).	
	Y.	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	1		months and yearly interval/6 month
	· E	/ ·	interval
Cattle	Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat every
	5	Disease (FMD)	6 month.
		Black Quarter (BQ)	Black Quarter Vaccine (BQV).
		1	 Primary vaccination 6 month or above
	1	1 2	 Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for
			adult birds.
	1)	Coccidiosis	1. Amprolium or coccidiostat
		SERCHHIP	

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



Dated: 29th August, 2014

District: Mamit Period: 30 August-03 September, 2014

Bulletin No: -445/2014/ Bulletin/English

Parameters	30-08-2014	31-08-2014	01-09-2014	02-09-2014	03-09-2014
Rainfall (mm)	4	6	7	7	4
Max Temp (oC)	33	31	29	34	33
Min Temp (oC)	22	22	22	22	22
Cloud Coverage	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Partially Cloudy	Partially Cloudy
Max RH (%)	100	100	99	99	99
Min RH (%)	66	82	88	55	67
Wind Speed (KmpH)	2	2	4	2	2
Wind Direction	Easterly	South-easterly	Easterly	Easterly	South-westerly
STATUS OF MONSOC	ON (August 1-30, 2	014, in bracket per	cent of variation ov	er normal) will star	t shortly
	, Ç		The second second		

STATUS OF MO	NSOON (August 1-30, 2	1014, in bracket percent of	variation over normal) will start shortly	
Kolasib-	Champhai-	The state of the s	HAMPAI Aizawl-	
Serchhip-	Lawngtalia			
	mary of the past	Weather forecast valid from 29 th August 2014 To 03 rd September, 2014.		
		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 29-34°C and 22°C. Maximum relative humidity is expected in the range of 99-100% and minimum may from 55-88%. Wind direction would be easterly with the wind speed of 2-4 km per hour. Mainly cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:028.0mm		
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 streoptomycin 2g/10 lt of water. 	

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			• Excess water removes from the base of the
			plant.
Banana	Vegetative/	1	✓ Remove water sucker, keep 1 or 2 plants in
	harvesting	3	a single place.
	1 1	5	✓ Remove sword sucker and use it as new
		KOLASIB	planting material.
	1		✓ Excess water removes from the base of the
)	W)	plant.
	ς	2 -1 /	✓ Fertilizer application in split dose of
	(recommended dose.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding
	- 8	/	and loosen up the soil.
	7 MAMIT	V).	o Remove slips and use it as a new planting
	5	AIZAWL CH	material.
	1	Culenkie Tot	 Sucker dipping treatment with Bavistin @
	\)	3g + Chloropyriphos @ 1 g/lt of water to
	1		protect against soil borne disease and
			insect.
	1 0		 Weeding and intercultural operation.
Cucurbits	Vegetation stage		Trilling into bower structure.
		SERCHHIP	Fertilizer application in split dose of
		V	recommended dose.
	(Weeding near the plant
			♣ Draining of excess water and preparation
			mound near the base.
		LUNGLEI	À
Okra	Vegetation stage	THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NA	Weeding near the plant
	77		✓ Fertilizer application in split dose of
	1	0	recommended dose.
	1		✓ Draining of excess water and preparation
		900	mound near the base.
		Disease:	• Crop rotation with chillies, tomato etc.
		Wilt-	o Treatment of seed with 3 g of captan or
		V-II	thiram per kg before sowing.
		Yellow vein mosaic-	o Spray 560 ml of Malathion 50 EC in 350
		/ SAIHA	litre of water per acre for the control of
		De 4	vector.
		Pest:	Spray 150 ml malathion 50 litres of water

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		Worm-	acre.
		S <mark>pider</mark> mite-	o Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage	1	 Weeding near the plant
y		2	❖ Fertilizer application in split dose of
		KOLASIB	recommended dose.
	1	The state of the last	 Draining of excess water and preparation
	9	W/	mound near the base.
	5	Disease:	o Seed treatment with captan, thiram or
)	Damping off-	chlorothalonil will effectively control this
			disease.
	K	Pest:	o Sulfur fungicides can be used to control
~	7 MAMIT	Mites and hoppers-	this pest.
Cowpea	Vegetative stage	AIZAWL CH	Trilling into bower structure.
		1	Fertilizer application in split dose of recommended dose.
		3	Weeding near the plant
	4		♣ Weeding hear the plant♣ Draining of excess water and
) &		preparation mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
		disease RCHHIP	
Ginger &	Vegetation stage	V	✓ Weeding in turmeric and ginger field
Turmeric	<u></u>	L.	✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of
			water or Bavistin @ 1g/litre of water, 2-3
		LUNGLEI	sprayings should be given forthnightly
	-		intervals.
		8	o Spraying of Blitox @ 3 g/l of water was
Maize	Flowering stage		found effective against leaf spot. ✓ Weeding in maize plot
Maize	Flowering stage		✓ Weeding in marze plot ✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial	Field sanitation.
		wilt.	Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the
		Corn earworm	tip of the ear and any affected kernels
			The rest of should be fine to eat.
		5	Crop rotation with leguminous crop.
	J.	For Contract of	

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Rice	Maximum		✓ One hand weed will require.
	Seedling stage		✓ Application of split dose of Urea.
		Rice Stem borer	To manage the attack a Spray of either
	7 7	3	validamycin 3L @ 2.5 ml or Hexaconazole 5
) \	5	EC @ 2.0 ml or Propiconazole 25 EC @ 1
		KOLASIB	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
	10		months and yearly interval/6 month
			interval
Cattle	Ages	Foot and Mouth	• FMD vaccine at 16 week and repeat every
	5	Disease (FMD)	6 month.
		Black Quarter (BQ)	Black Quarter Vaccine (BQV).
		1	 Primary vaccination 6 month or above
),	3	 Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for
	1 0		adult birds.
	7.7	Coccidiosis	1. Amprolium or coccidiostat
		SERCHHIP	

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM





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



Dated: 29th August, 2014

District: Serchhhip Period: 30 August-03 September, 2014

Bulletin No: -445/2014/ Bulletin/English

	2077 2 2078				
Parameters	30-08-2014	31-08-2014	01-09-2014	02-09-2014	03-09-2014
Rainfall (mm)	11	worlden	4	7	5
Max Temp (oC)	33	29	28	34	33
Min Temp (oC)	20	19	20	19	20
Cloud Coverage	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Partially Cloudy	Partially Cloudy
Max RH (%)	100	100	99	100	100
Min RH (%)	46	84	90	46	72
Wind Speed (Kmj	PH) 2	0	4	4	2
Wind Direction	North-easterly	North-westerly	South-easterly	South-easterly	Easterly
STATUS OF MON	SOON (August 1-30, 20	14, in bracket perce	ent of variation ove	r normal) will star	t shortly
Kolasib-	Champhai-	Ma	amit-	Aizawl	_
Serchhip-	Lawngtalia-	Lu	inglei-	Chhim	ituipui-
	mary of the past e days	SER(Septembe		
			d minimum temp C and 19-20°C. nge of 99-100% uld be Northeaste cloudy sky weath	eratures for the in Maximum relation and minimum materly with the winder will prevail duration of the material duration o	next 5 days may ive humidity is my from 46-84%. speed of 0-4 km ring the next five
Main Crop/ Animal /Fisheries	Stage	Cultural practi Pest/ Disease	ces/ Agric	cultural/Horticul husbandry adv	tural/ animal
Khasi Mandarin	Vegetative stage	LAWNCanker	• Wound and m	the diseased and could dressing with aulch with dry gure and suppress	Bordeaux paste rass to conserve

weed.

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		• For canker, spray streoptomycin 2g/10 lt of water.
	5	• Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting KOLASIE	✓ 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 Clean the vicinity of plants by weeding and loosen up the soil. o 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. • Weeding and intercultural operation.
Cucurbits	Vegetation stage	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 preparation mound near the base.
	Diseas	The state of the s
	Yellow vein	

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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
	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:	o 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		♣ Fertilizer application in split dose of
		1 1 1	recommended dose.
	1		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	V 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
	<u> </u>	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 1-2	Rice Stem borer	To manage the attack a Spray of either
		KOLASIB	validamycin 3L @ 2.5 ml or Hexaconazole
	- t		5 EC @ 2.0 ml or Propiconazole 25 EC @
)	(AA)	1 mlper liter of water.
Pig	Ages	Po <mark>rcine Reproduc</mark> tive	1. Culling of positive pigs or piglets.
	1	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.
	1	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
			Primary vaccination 6 month or
	1 0		above
	12		 Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for
		V 1-3	adult birds.
	1	Coccidiosis	Amprolium or coccidiostat

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INTEGRATED AGROMET ADVISORY

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