

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Dated: 2nd September, 2014

District: Lawngtalai Period: 3-7 September, 2014

Bulletin No: -446/2014/ Bulletin/English

Parameters	03-09-2014	04-09-2014	05-09-2014	06-09-2014	07-09-2014
Rainfall (mm)	0	0	5	3	4
Max Temp (oC)	30	30	29	30	32
Min Temp (oC)	20	21	22	21	21
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	99	99	99	99	98
Min RH (%)	68	67	83	81	77
Wind Speed (KmpH)	2	2	4	4	4
Wind Direction	Easterly	Southerly	Easterly	Easterly	Easterly

STATUS OF MONSOON- August 1-30, 2014 (Percent of deviation from normal in parenthesis)

Kolasib- 372.1mm Champhai- 329.7mm Mamit-376.0 mm Aizawl-378.0mm (19.16) (-28.00) (-20.69) (7.33)

Serchhip- 166.7 mm Lawngtalia- 365.4 mm Lunglei- 371.4 mm Chhimtuipui- 367.8 mm (-32.04) (-64.68) (-16.55) (-32.04)

Weather summary of the past three days

Weather forecast valid from 03rd September, 2014 To 07th
September, 2014.

There is a chance of light rainfall during the next 3 day. The maximum and minimum temperatures for the next 5 days may range for 29-32⁰C

and minimum temperatures for the next 5 days may range for 29-32°C and 20-22°C. Maximum relative humidity is expected in the range of 98-99% and minimum may from 67-83%. Wind direction would be southeasterly with the wind speed of 2-4 km per hour. Moderate cloudy sky weather will prevail during the next five days.

Weekly cumulative rainfall: 12.0mm

		Weekly Cumulative Tainjan. 12.0mm		
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories	
Khasi Mandarin	Vegetative stage	LAWI Canker 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. 	

1 | P a g e

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	5		 For canker, spray streoptomycin 2g + copperoxycholoride 8 g /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.
	nui vesting	RULROID	Remove sword sucker and use it as new
)	W/3 ()	planting material.
	7		✓ Excess water removes from the base of the plant.
	1	1 2 2	✓ Fertilizer application in split dose of
	Į.		recommended dose.
	7 MAMIT	(✓ Harvest fruits when the flower tips of the
	- 1	LAIZAVIL	fruit dehiscent.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and
	1	3	loosen up the soil. Remove slips and use it as a new planting
	1	1 585	material.
	()		Sucker dipping treatment with Bavistin @
	1)	4	3g + Chloropyriphos @ 1 g/lt of water to
		SERCH	Professional State Control of the Co
		V (-)	insect.
Cucurbits	Vegetative stage		 Weeding and intercultural operation. Nursery raising for offseason cucurbits.
Cucuibits	vegetative stage		
		Damping off	Seed treatment with thiram 3g/kg seed or
	5		Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed
		23	Drenching 1% Bordeaux mixture or 2 g
		A S	captan or 3 copper oxychloride/ lt of water
		2	at 10-15 DAS are effective.
Brinjal	Vegetative stage	2 1 5	• Weeding near the plant
		7	Fertilizer application in split dose of recommended dose.
			 Draining of excess water and preparation
		LAWNGTLAN	mound near the base
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		D N	disease.
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		Pest:	Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage		Trilling into bower structure.
	12.7	7	Weeding near the plant
) \ \	5	♣ Draining of excess water and preparation
		KOLASIB	mound near the base.
		Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Nursery stage	La <mark>nd preparatio</mark> n	✓ Nursery preparation for cabbage,
•			cauliflower, broccoli and knolkhol.
	1		Raised bed, nursery bed solarisation.
	J		♣ Bed should be 1m width and
	TIMAMIT		conventional length.
	4	1.	Application of FYM (1.5-2.0 kg/ m ²)
		(AIZAVVL)	Line sowing of seeds (7-10cm)
	\	Damping off	✓ Seed treatment with thiram 3g/kg seed or
	3		Trichoderma viride 4g+ metalaxyl 4g
		(4 3 %)	(Apron)/ kg seed
) 🏊		✓ Drenching 1% Bordeaux mixture or 2 g
))		captan or 3 copper oxychloride/ lt of water
		SERCHHI	
		Mustard sawfly	✓ Application of carbofuran 3G @100g/m² in
	(nursery is quite effective.
Ginger &	Vegetation stage		✓ Weeding in turmeric and ginger field.
Turmeric			
	/	Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
		blotch	water or Bavistin @ 1g/litre of water, 2-3
	1	Access to the second	sprayings should be given forthnightly
	h	α (*** <u>*</u>	intervals.
		131	o Spraying of Blitox @ 3 g/l of water was
			found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot
	5 5	1 2	✓ Topdressing with urea fertilizer.
		Pest:	- If earworm damage occurs, clipp off the tip
		Corn earworm	of the ear and any affected kernels. The rest
		/ SAIHA	of should be fine to eat.
			- Crop rotation with leguminous crop.
		Birds	- Reflecting tape poly propylene metallic
			The second of th

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Rice	Flowering Stage	KOLASIB	shine tape and the other silver that reflects sunlight causing flashing effect is effective in scaring birds. - Automatic acetylene exploders or birds scaring gun that produce periodically loud noise have been suggested. ✓ One hand weed will require.
	1	Rice Stem borer	✓ Application of split dose of Urea.
	}	Rice Stem borer	 Destroy egg masses. Spraying of monocrotophos 20ml/10lt water or Imidacloprid 20ml/10lt water.
	MAMIT	Gundhi bug	 Spray monocrotophos 36 WSC @ 1.5 ml/lt or endosulfan 35 EC @ 1.5 ml/ml Insecticide application should be done if the population reaches ETL of 1 nymph or adult/ hill.
	3	Leaf blast	 Judicious application of nitrogenous fertilizer. Spraying with triclozole (Beam) @0.5gm/lt or edifenphos @ 1ml/lt when first symptom are notice.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	Amprolium or coccidiostat

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LAWNGTLAL

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District: Kolasib Period: 3-7 September, 2014

Bulletin No: -446/2014/ Bulletin/English

	10.56	100			
Parameters	03-09-2014	04-09-2014	05-09-2014	06-09-2014	07-09-2014
Rainfall (mm)	0	0	5	28	0
Max Temp (oC)	32	31	32	32	31
Min Temp (oC)	21	21	22	22	22
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	100	99	99	99	99
Min RH (%)	65	68	61	64	76
Wind Speed (KmpH)	2	2	2	2	2
Wind Direction	North-easterly	Easterly	Easterly	Easterly	Easterly

STATUS OF MONSOON- August 1-30, 2014 (Percent of deviation from normal in parenthesis)

Kolasib- 372.1mm (19.16)

Champhai- 329.7mm (-28.00)

Mamit-376.0 mm (-20.69)

Aizawl-378.0mm

Dated: 2nd September, 2014

(7.33)

Serchhip- 166.7 mm (-32.04)

Lawngtalia- 365.4 mm (-64.68)

Lunglei- 371.4 mm (-16.55) Chhimtuipui- 367.8 mm (-32.04)

Weather summary of the past three days

The temperature range for maximum and minimum were 29.3-30.4°C and 22.9-23.4°C respectively. Mainly Cloudy weather was observed. Wind direction is southwesterly. Maximum RH observed 76-85% & minimum of 28-38%. Rainfall recorded for the past three days is 52.2 mm.

Weather forecast valid from 03rd September, 2014 To 07th September, 2014.

There is a chance of moderate to light rainfall during the next 2 day. The maximum and minimum temperatures for the next 5 days may range for 31-32°C and 21-22°C. Maximum relative humidity is expected in the range of 99-100% and minimum may from 61-76%. Wind direction would be North-Easterly with the wind speed of 2 km per hour. Dense cloudy sky weather will prevail during the next five days.

Weekly cumulative rainfall:065.0mm

Main Crop/ Animal	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
/Fisheries			
Khasi	Vegetative stage	Canker	 Prune the diseased and dead twigs.
Mandarin		/ SAIHA	• Wound dressing with Bordeaux paste and
			mulch with dry grass to conserve moisture
		1 2 1 5	and suppress the growth of weed.

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	5		 For canker, spray streoptomycin 2g + copperoxycholoride 8 g /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.
		, NOLKOIL	✓ Remove sword sucker and use it as new
	(3 1	planting material. ✓ Excess water removes from the base of the
	3	F-12 1	plant.
	Į	2	✓ Fertilizer application in split dose of recommended dose.
	/ MAMIT	1	✓ Harvest fruits when the flower tips of the
D' I	¥7	(AIZAVIL)	fruit dehiscent.
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
	1	1 3/4	material.
	1 6		o Sucker dipping treatment with Bavistin @
	1)		3g + Chloropyriphos @ 1 g/lt of water to
		SERCHI	Professional State Control of the Co
		V 1-7	insect. o Weeding and intercultural operation.
Cucurbits	Vegetative stage		Nursery raising for offseason cucurbits.
3 32 32 73 30		Domning off	Seed treatment with thiram 3g/kg seed or
		Damping off	Trichoderma viride 4g+ metalaxyl 4g
	}		(Apron)/ kg seed
	L.	2	Drenching 1% Bordeaux mixture or 2 g
		(A)	captan or 3 copper oxychloride/ lt of water
D	T 7		at 10-15 DAS are effective.
Brinjal	Vegetative stage	3 1 3 3	 Weeding near the plant Fertilizer application in split dose of
		1 2	recommended dose.
		1	 Draining of excess water and preparation
		LAWNGTLAN	mound near the base.
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		N N	disease.
		The Man of	2 P a g e

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		Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	And the second	Trilling into bower structure.
	7.7	1	Weeding near the plant
) \		♣ Draining of excess water and preparation
		KOLASIB	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Nursery stage	La <mark>nd preparatio</mark> n	✓ Nursery preparation for cabbage,
	<u> </u>	STATE OF	cauliflower, broccoli and knolkhol.
			Raised bed, nursery bed solarisation.
	· ·		♣ Bed should be 1m width and
	7 MAMIT	A 2	conventional length.
	5	AIZAVIL TO	Application of FYM (1.5-2.0 kg/ m ²)
			Line sowing of seeds (7-10cm)
	1	Damping off	✓ Seed treatment with thiram 3g/kg seed or
	A.	1 6 6	Trichoderma viride 4g+ metalaxyl 4g
		1 1 1	(Apron)/ kg seed
	1		✓ Drenching 1% Bordeaux mixture or 2 g
		SERCHHI	captan or 3 copper oxychloride/ lt of water
		Mustard sawfly	✓ Application of carbofuran 3G @100g/m² in nursery is quite effective.
Ginger &	Vegetation stage		✓ Weeding in turmeric and ginger field.
Turmeric	vegetation stage		weeding in turnieric and ginger neid.
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	>	blotch	water or Bavistin @ 1g/litre of water, 2-3
	1	Page 1	sprayings should be given forthnightly
	h	A 1 1	intervals.
	1		o Spraying of Blitox @ 3 g/l of water was
		March 1	found effective against leaf spot.
Maize	Flowering stage	((()))	✓ Weeding in maize plot
			✓ Topdressing with urea fertilizer.
		Pest:	- If earworm damage occurs, clipp off the tip
		Corn earworm	of the ear and any affected kernels. The rest
		/ SAIHA	of should be fine to eat.
			- Crop rotation with leguminous crop.
		Bird s	- Reflecting tape poly propylene metallic

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	5	KOLASIB	 shine tape and the other silver that reflects sunlight causing flashing effect is effective in scaring birds. Automatic acetylene exploders or birds scaring gun that produce periodically loud noise have been suggested.
Rice	Flowering Stage	1.	✓ One hand weed will require. ✓ Application of split dose of Urea.
	- (Rice Stem borer	Destroy egg masses.
	}		 Spraying of monocrotophos 20ml/10lt water or Imidacloprid 20ml/10lt water.
	MAMIT	Gundhi bug	 Spray monocrotophos 36 WSC @ 1.5 ml/lt or endosulfan 35 EC @ 1.5 ml/ml Insecticide application should be done if the population reaches ETL of 1 nymph or adult/ hill.
		Leaf blast SERCHH	 Judicious application of nitrogenous fertilizer. Spraying with triclozole (Beam) @0.5gm/lt or edifenphos @ 1ml/lt when first symptom are notice.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat

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LAWNGTLAL

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Dated: 2nd September, 2014

District: Chhimtuipui Period: 3-7 September, 2014

Bulletin No: -446/2014/ Bulletin/English

Parameters	03-09-2014	04-09-2014	05-09-2014	06-09-2014	07-09-2014
Rainfall (mm)	0	0	7	4	5
Max Temp (oC)	30	30	29	30	32
Min Temp (oC)	18	20	21	20	20
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	100	100	100	100	100
Min RH (%)	67	65	86	84	78
Wind Speed (KmpH)	0	0	2	2	4
Wind Direction	North-Easterly	Southerly	Easterly	Easterly	Easterly

STATUS OF MONSOON- August 1-30, 2014 (Percent of deviation from normal in parenthesis)

Kolasib- 372.1mm Champhai- 329.7mm Mamit-376.0 mm Aizawl-378.0mm (19.16) (-28.00) (-20.69) (7.33)

Serchhip- 166.7 mm Lawngtalia- 365.4 mm Lunglei- 371.4 mm Chhimtuipui- 367.8 mm (-32.04) (-64.68) (-16.55) (-32.04)

SERCHHIP /

Weather summary of the past	Weather forecast valid from 03 rd September, 2014 To 07 th
three days	September, 2014.
	There is a chance of light rainfall during the next 3 day. The maximum
(and minimum temperatures for the next 5 days may range for 29-32°C

and minimum temperatures for the next 5 days may range for 29-32°C and 18-21°C. Maximum relative humidity is expected in the range of 100% and minimum may from 65-86%. Wind direction would be southeasterly with the wind speed of 2-4 km per hour. Dense cloudy sky weather will prevail during the next five days.

	Weekly cumulative rainfall: 16.0mm				
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories		
Khasi Mandarin	Vegetative stage	LAWICanker 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. 		

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Banana	Vegetative/ harvesting	KOLASIB	✓ Remove water sucker, keep 1 or 2 plants in a single place.
	nui vesting	KOLROID	Remove sword sucker and use it as new
	1	W ()	planting material.
	7	(-1)	✓ Excess water removes from the base of the plant.
		3	✓ Fertilizer application in split dose of recommended dose.
) MAMIT	(✓ Harvest fruits when the flower tips of the
	{	AIZAWI	fruit dehiscent.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and
	1	3	loosen up the soil. o Remove slips and use it as a new planting
	1	1 545	material.
	1		Sucker dipping treatment with Bavistin @
	1)		3g + Chloropyriphos @ 1 g/lt of water to
		SERCH	Professional State Control of the Co
		W (~)	insect.Weeding and intercultural operation.
Cucurbits	Vegetative stage		 Weeding and intercultural operation. Nursery raising for offseason cucurbits.
Cucuibits	vegetative stage	D	
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g
	7	TRICE ENTE	(Apron)/ kg seed
	V.	25	Drenching 1% Bordeaux mixture or 2 g
	- 1		captan or 3 copper oxychloride/ lt of water
			at 10-15 DAS are effective.
Brinjal	Vegetative stage		* Weeding near the plant
		1 2	Fertilizer application in split dose of recommended dose.
		1	 Draining of excess water and preparation
		LAWNGTLAN	mound near the base.
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		PA	disease.
		1 1	2 P a g e

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



		Pest:	Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage		Trilling into bower structure.
	12.7	7	Weeding near the plant
) \ \	5	♣ Draining of excess water and preparation
		KOLASIB	mound near the base.
		Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Nursery stage	La <mark>nd preparatio</mark> n	✓ Nursery preparation for cabbage,
			cauliflower, broccoli and knolkhol.
	1		Raised bed, nursery bed solarisation.
	J		♣ Bed should be 1m width and
	7 MAMIT		conventional length.
	4.004.0000	1.	Application of FYM (1.5-2.0 kg/ m ²)
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(AIZAVVL)	Line sowing of seeds (7-10cm)
	\	Damping off	✓ Seed treatment with thiram 3g/kg seed or
	\$		Trichoderma viride 4g+ metalaxyl 4g
		(4 3 %)	(Apron)/ kg seed
) 🏊		✓ Drenching 1% Bordeaux mixture or 2 g
))		captan or 3 copper oxychloride/ lt of water
		SERCHHI	
		Mustard sawfly	✓ Application of carbofuran 3G @100g/m² in
	(nursery is quite effective.
Ginger &	Vegetation stage		✓ Weeding in turmeric and ginger field.
Turmeric			
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
		blotch	water or Bavistin @ 1g/litre of water, 2-3
	1	-	sprayings should be given forthnightly
	<u> </u>	α ? ~~	intervals.
			o Spraying of Blitox @ 3 g/l of water was
		Market 1	found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot
	5 6	1 -1	Topdressing with urea fertilizer.
		Pest:	- If earworm damage occurs, clipp off the tip
		Corn earworm	of the ear and any affected kernels. The rest
		/ SAIHA	of should be fine to eat.
			- Crop rotation with leguminous crop.
		Birds	- Reflecting tape poly propylene metallic
			The state of the s

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Rice	Flowering Stage	KOLASIB	 shine tape and the other silver that reflects sunlight causing flashing effect is effective in scaring birds. Automatic acetylene exploders or birds scaring gun that produce periodically loud noise have been suggested. ✓ One hand weed will require.
		(AA.)	✓ Application of split dose of Urea.
	ξ.	Rice Stem borer	Destroy egg masses.
	1	5-61	 Spraying of monocrotophos 20ml/10lt water or Imidacloprid 20ml/10lt water.
	MAMIT	Gundhi bug	 Spray monocrotophos 36 WSC @ 1.5 ml/lt or endosulfan 35 EC @ 1.5 ml/ml Insecticide application should be done if the population reaches ETL of 1 nymph or adult/ hill.
	25	Leaf blast	 Judicious application of nitrogenous fertilizer. Spraying with triclozole (Beam) @0.5gm/lt or edifenphos @ 1ml/lt when first symptom are notice.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
		/ SAIHA	A

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



Dated: 2nd September, 2014

District: Champhai Period: 3-7 September, 2014

Bulletin No: -446/2014/ Bulletin/English

Parameters	03-09-2014	04-09-2014	05-09-2014	06-09-2014	07-09-2014
Rainfall (mm)	4	6	12	39	8
Max Temp (oC)	31	31	30	30	30
Min Temp (oC)	19	20	21	20	20
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	98	99	99	100	99
Min RH (%)	66	67	76	76	66
Wind Speed (KmpH)	2	2	2	2	3
Wind Direction	Easterly	South-westerly	Easterly	North-easterly	South-easterly

STATUS OF MONSOON- August 1-30, 2014 (Percent of deviation from normal in parenthesis)

Kolasib- 372.1mm Champhai- 329.7mm Mamit-376.0 mm Aizawl-378.0mm (19.16) (-28.00) (-20.69) (7.33)

Serchhip- 166.7 mm Lawngtalia- 365.4 mm Lunglei- 371.4 mm Chhimtuipui- 367.8 mm (-32.04) (-64.68) (-16.55) (-32.04)

Weather summary of the past three days

Weather forecast valid from 03rd September, 2014 To 07th
September, 2014.

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 30-31°C and 19-21°C. Maximum relative humidity is expected in the range of 98-100% and minimum may from 66-76%. Wind direction would be southwesterly with the wind speed of 2-3 km per hour. Dense cloudy sky weather will prevail during the next five days.

		Weekly cumulative rainfall: 69.0mm		
Main Crop/	Stage	Cultural practices/	Agricultural / Horticultural/ animal	
Animal		Pest/ Diseases	husbandry advisories	
/Fisheries				
Khasi	Vegetative stage	Canker	 Prune the diseased and dead twigs. 	
Mandarin		# SAIHA	Wound dressing with Bordeaux paste and	
			mulch with dry grass to conserve moisture	
			and suppress the growth of weed.	

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	5	1	 For canker, spray streoptomycin 2g + copperoxycholoride 8 g /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.
		NO ENGLE	✓ Remove sword sucker and use it as new
	1	w3 _a)	planting material. ✓ Excess water removes from the base of the
	}		plant.
	Į		✓ Fertilizer application in split dose of recommended dose.
	7 MAMIT	1	✓ Harvest fruits when the flower tips of the
D'	X74.4.	AIZAWL :	fruit dehiscent.
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
	1	1 20	material.
	1 6		o Sucker dipping treatment with Bavistin @
	1)		3g + Chloropyriphos @ 1 g/lt of water to
		SERCHI	Professional State Control of the Co
			insect.Weeding and intercultural operation.
Cucurbits	Vegetative stage		Nursery raising for offseason cucurbits.
Cucuisies	, egetter, e stage	D	
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g
	3	TRICE ETT.	(Apron)/ kg seed
	V	500	Drenching 1% Bordeaux mixture or 2 g
		A Y	captan or 3 copper oxychloride/ lt of water
	<u> </u>	2	at 10-15 DAS are effective.
Brinjal	Vegetative stage	8 1 3 8 3	Weeding near the plant
		1 2	Fertilizer application in split dose of recommended dose.
			 Draining of excess water and preparation
		LAWNGTLAN	mound near the base
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		D. C.	disease.
		N. V.	2 P a g e

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



		Pest:	Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	And Control	Trilling into bower structure.
_	7.7	7	Weeding near the plant
) _>	5	♣ Draining of excess water and preparation
		KOLASIB	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Nursery stage	La <mark>nd preparatio</mark> n	✓ Nursery preparation for cabbage,
).	STATE OF	cauliflower, broccoli and knolkhol.
			Raised bed, nursery bed solarisation.
	Ł.		Bed should be 1m width and
	7 MAMIT	1	conventional length.
	5	AIZAWL C	Application of FYM (1.5-2.0 kg/ m ²)
		No. of the last of	Line sowing of seeds (7-10cm)
)	Damping off	✓ Seed treatment with thiram 3g/kg seed or
),	3	Trichoderma viride 4g+ metalaxyl 4g
	1	1 3 3	(Apron)/ kg seed
			✓ Drenching 1% Bordeaux mixture or 2 g
	1.7		captan or 3 copper oxychloride/ lt of water
		SERCHHI	
	W. Carlotte	Mustard sawfly	✓ Application of carbofuran 3G @100g/m² in
			nursery is quite effective.
Ginger & Turmeric	Vegetation stage	1	✓ Weeding in turmeric and ginger field.
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	>	blotch	water or Bavistin @ 1g/litre of water, 2-3
		CC.	sprayings should be given forthnightly
		Δ (~~	intervals.
	1		Spraying of Blitox @ 3 g/l of water was
		190	found effective against leaf spot.
Maize	Flowering stage	([] A	✓ Weeding in maize plot
		(V	✓ Topdressing with urea fertilizer.
		Pest:	- If earworm damage occurs, clipp off the tip
		Corn earworm	of the ear and any affected kernels. The rest
		A SAIHA	of should be fine to eat.
			- Crop rotation with leguminous crop.
		Birds	- Reflecting tape poly propylene metallic

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	5	KOLASIB	shine tape and the other silver that reflects sunlight causing flashing effect is effective in scaring birds. - Automatic acetylene exploders or birds scaring gun that produce periodically loud noise have been suggested.
Rice	Flowering Stage		✓ One hand weed will require. ✓ Application of split dose of Urea.
	- (Rice Stem borer	 Application of split dose of Orea. Destroy egg masses.
	}	See gran port	 Spraying of monocrotophos 20ml/10lt water or Imidacloprid 20ml/10lt water.
	MAMIT	Gundhi bug	 Spray monocrotophos 36 WSC @ 1.5 ml/lt or endosulfan 35 EC @ 1.5 ml/ml Insecticide application should be done if the population reaches ETL of 1 nymph or adult/ hill.
	3	Leaf blast SERCHH	 Judicious application of nitrogenous fertilizer. Spraying with triclozole (Beam) @0.5gm/lt or edifenphos @ 1ml/lt when first symptom are notice.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



Dated: 2nd September, 2014

District: Aizawl Period: 3-7 September, 2014

Bulletin No: -446/2014/ Bulletin/English

Parameters	03-09-2014	04-09-2014	05-09-2014	06-09-2014	07-09-2014
Rainfall (mm)	0	3	7	37	6
Max Temp (oC)	31	31	31	31	31
Min Temp (oC)	19	20	21	21	20
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	100	100	100	100	99
Min RH (%)	66	69	68	70	72
Wind Speed (KmpH)	2	2	2	2	2
Wind Direction	North-easterly	Easterly	North-easterly	North-easterly	Easterly

STATUS OF MONSOON- August 1-30, 2014 (Percent of deviation from normal in parenthesis)

Kolasib- 372.1mm Champhai- 329.7mm Mamit-376.0 mm Aizawl-378.0mm (19.16) (-28.00) (-20.69) (7.33)

Serchhip- 166.7 mm Lawngtalia- 365.4 mm Lunglei- 371.4 mm Chhimtuipui- 367.8 mm (-32.04) (-64.68) (-16.55) (-32.04)

Weather summary of the past three days

Weather forecast valid from 03rd September, 2014 To 07th
September, 2014.

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 31°C and 19-21°C. Maximum relative humidity is expected in the range of 100% and minimum may from 68-72%. Wind direction would be southwesterly with the wind speed of 2 km per hour. Moderate cloud cover will prevail during the next five days.

Wookly cumulative rainfall: 53 0 mm

		Weekly cumulative rainfall: 53.0 mm		
Main Crop/	Stage	Cultural practices/	Agricultural / Horticultural/ animal	
Animal		Pest/ Diseases	husbandry advisories	
/Fisheries				
Khasi	Vegetative stage	Canker	 Prune the diseased and dead twigs. 	
Mandarin		/ SAIHA	• Wound dressing with Bordeaux paste and	
			mulch with dry grass to conserve moisture	
		1	and suppress the growth of weed.	

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	5		 For canker, spray streoptomycin 2g + copperoxycholoride 8 g /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.
		NO ENGLE	✓ Remove sword sucker and use it as new
	1	w3 _a)	planting material. ✓ Excess water removes from the base of the
	3		plant.
	Į		✓ Fertilizer application in split dose of recommended dose.
	7 MAMIT	1	✓ Harvest fruits when the flower tips of the
D'	X74.4.	AIZAWL :	fruit dehiscent.
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
	1	1 2/0	material.
	1 6		o Sucker dipping treatment with Bavistin @
	1)		3g + Chloropyriphos @ 1 g/lt of water to
		SERCHI	Professional State Control of the Co
			insect.Weeding and intercultural operation.
Cucurbits	Vegetative stage		Nursery raising for offseason cucurbits.
Cucuisies	, egetter, e stage	D	
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g
	3	TRICE ETT.	(Apron)/ kg seed
	V	500	Drenching 1% Bordeaux mixture or 2 g
		A Y	captan or 3 copper oxychloride/ lt of water
		2	at 10-15 DAS are effective.
Brinjal	Vegetative stage	8 1 3 8 3	Weeding near the plant
		1 2	Fertilizer application in split dose of recommended dose.
			 Draining of excess water and preparation
		LAWNGTLAN	mound near the base
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		D. C.	disease.
		N. V.	2 P a g e

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



		Pest:	Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	file and	Trilling into bower structure.
_	1 7	7	■ Weeding near the plant
) \ _v	2 1	♣ Draining of excess water and preparation
	-	KOLASIB	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Nursery stage	La <mark>nd preparatio</mark> n	✓ Nursery preparation for cabbage,
	(cauliflower, broccoli and knolkhol.
	10		Raised bed, nursery bed solarisation.
			Bed should be 1m width and
	7 MAMIT	()	conventional length.
	5	AIZAWL	♣ Application of FYM (1.5-2.0 kg/ m²)
		Culebrar 18	Line sowing of seeds (7-10cm)
	\ \	Damping off	✓ Seed treatment with thiram 3g/kg seed or
	}		Trichoderma viride 4g+ metalaxyl 4g
		() >0	(Apron)/ kg seed
	1 6		✓ Drenching 1% Bordeaux mixture or 2 g
))		captan or 3 copper oxychloride/ lt of water
		SERCHHI	
		Mustard sawfly	✓ Application of carbofuran 3G @100g/m² in
	(nursery is quite effective.
Ginger &	Vegetation s <mark>tage</mark>		✓ Weeding in turmeric and ginger field.
Turmeric			7
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	3	blotch	water or Bavistin @ 1g/litre of water, 2-3
		00	sprayings should be given forthnightly
		0	intervals.
	1		o Spraying of Blitox @ 3 g/l of water was
	<u> </u>		found effective against leaf spot.
Maize	Flowering stage	1 5 3	✓ Weeding in maize plot
		Y	✓ Topdressing with urea fertilizer.
		Pest:	- If earworm damage occurs, clipp off the tip
		Corn earworm	of the ear and any affected kernels. The rest
		SAIHA	of should be fine to eat.
		7.	- Crop rotation with leguminous crop.
		Birds	- Reflecting tape poly propylene metallic

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		KOLASIB	shine tape and the other silver that reflects sunlight causing flashing effect is effective in scaring birds. - Automatic acetylene exploders or birds scaring gun that produce periodically loud noise have been suggested.
Rice	Flowering Stage	la S	✓ One hand weed will require. ✓ Application of split dose of Urea.
	}	Rice Stem borer	 Destroy egg masses. Spraying of monocrotophos 20ml/10lt water or Imidacloprid 20ml/10lt water.
	MAMIT	Gundhi bug	 Spray monocrotophos 36 WSC @ 1.5 ml/lt or endosulfan 35 EC @ 1.5 ml/ml Insecticide application should be done if the population reaches ETL of 1 nymph or adult/ hill.
	3	Leaf blast	 Judicious application of nitrogenous fertilizer. Spraying with triclozole (Beam) @0.5gm/lt or edifenphos @ 1ml/lt when first symptom are notice.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat

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



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LAWNGTLAL

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM





Dated: 2nd September, 2014

District: Serchhip Period: 3-7 September, 2014

Bulletin No: -446/2014/ Bulletin/English

	100000000000000000000000000000000000000				
Parameters	03-09-2014	04-09-2014	05-09-2014	06-09-2014	07-09-2014
Rainfall (mm)	0	0	3	13	9
Max Temp (oC)	31	31	29	30	33
Min Temp (oC)	18	20	20	20	19
Cloud Coverage	Mainly clear	M <mark>ainly cloudy</mark>	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	100	100	100	100	100
Min RH (%)	66	65	88	85	55
Wind Speed (KmpH)	0	2	2	2	4
Wind Direction	North-easterly	North-westerly	North-easterly	North-easterly	Easterly

STATUS OF MONSOON- August 1-30, 2014 (Percent of deviation from normal in parenthesis)

Kolasib- 372.1mm Champhai- 329.7mm Aizawl-378.0mm Mamit-376.0 mm (19.16)(-28.00)(-20.69)(7.33)

Lunglei- 371.4 mm Serchhip- 166.7 mm Lawngtalia- 365.4 mm Chhimtuipui- 367.8 mm (-32.04)(-64.68)(-16.55)(-32.04)

Weather forecast valid from 03rd September, 2014 To 07th Weather summary of the past three days September, 2014. There is a chance of moderate to light rainfall during the next 3 day. The

maximum and minimum temperatures for the next 5 days may range for 29-33°C and 18-20°C. Maximum relative humidity is expected in the range of 100% and minimum may from 55-88%. Wind direction would be north-easterly with the wind speed of 2-4 km per hour. dense cloudy sky weather will prevail during the next five days.

		Weekly cumulative rainfall: 25.0mm		
Main Crop/	Stage	Cultural practices/	Agricultural / Horticultural/ animal	
Animal		Pest/ Diseases	husbandry advisories	
/Fisheries				
Khasi	Vegetative stage	Canker	 Prune the diseased and dead twigs. 	
Mandarin		# SAIHA	 Wound dressing with Bordeaux paste and 	
			mulch with dry grass to conserve moisture	
			and suppress the growth of weed.	

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



	5	1	 For canker, spray streoptomycin 2g + copperoxycholoride 8 g /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.
	nui vesting	KOLROID	Remove sword sucker and use it as new
	1	(A)	planting material.
	7	(-1)	✓ Excess water removes from the base of the plant.
		3	✓ Fertilizer application in split dose of recommended dose.
) MAMIT	(✓ Harvest fruits when the flower tips of the
	{	AIZAWA	fruit dehiscent.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and
	1	3	loosen up the soil. Remove slips and use it as a new planting
	1	1 58	material.
	()		o Sucker dipping treatment with Bavistin @
	1)		3g + Chloropyriphos @ 1 g/lt of water to
		SERCHI	Professional State Control of the Co
	1	V 1-7	insect.Weeding and intercultural operation.
Cucurbits	Vegetative stage		Nursery raising for offseason cucurbits.
	3	Damping off	Seed treatment with thiram 3g/kg seed or
		LUNGLEI	Trichoderma viride 4g+ metalaxyl 4g
	((Apron)/ kg seed
	L. Carrier	A 8%	Drenching 1% Bordeaux mixture or 2 g
		D\ \	captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
Brinjal	Vegetative stage	900	 Weeding near the plant
	, agains a singe	1 63 4	Fertilizer application in split dose of
		Y	recommended dose.
		LAWNGTLAN	Draining of excess water and preparation mound near the base.
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this disease.
		4 1	311
			2 P a g e

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



		Pest:	Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	And the second	Trilling into bower structure.
_	15	3	Weeding near the plant
	3 1	2	♣ Draining of excess water and preparation
		KOLASIB	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
)	disease	
Early Cole crop	Nursery stage	Land preparation	✓ Nursery preparation for cabbage,
•			cauliflower, broccoli and knolkhol.
	1		Raised bed, nursery bed solarisation.
	J	/ 2	♣ Bed should be 1m width and
	7 MAMIT		conventional length.
	7 A CONTROL	1.	Application of FYM (1.5-2.0 kg/ m ²)
	\$	(AIZAVVL)	Line sowing of seeds (7-10cm)
	\ \	Damping off	✓ Seed treatment with thiram 3g/kg seed or
	1		Trichoderma viride 4g+ metalaxyl 4g
		1 1/6	(Apron)/ kg seed
) 🏊		✓ Drenching 1% Bordeaux mixture or 2 g
))		captan or 3 copper oxychloride/ lt of water
		SERCHHI	
		Mustard sawfly	✓ Application of carbofuran 3G @100g/m² in
			nursery is quite effective.
Ginger &	Vegetation stage		✓ Weeding in turmeric and ginger field.
Turmeric	3		
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	>	blotch	water or Bavistin @ 1g/litre of water, 2-3
	1		sprayings should be given forthnightly
	<u> </u>	A 35~	intervals.
			o Spraying of Blitox @ 3 g/l of water was
			found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot
	8 8	1 2	Topdressing with urea fertilizer.
		Pest:	- If earworm damage occurs, clipp off the tip
		Corn earworm	of the ear and any affected kernels. The rest
		/ SAIHA	of should be fine to eat.
			- Crop rotation with leguminous crop.
		Birds	- Reflecting tape poly propylene metallic
			the poly propriete metallic

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Rice	Flowering Stage	KOLASIB	 shine tape and the other silver that reflects sunlight causing flashing effect is effective in scaring birds. Automatic acetylene exploders or birds scaring gun that produce periodically loud noise have been suggested. One hand weed will require.
		(A	✓ Application of split dose of Urea.
	}	Rice Stem borer	 Destroy egg masses. Spraying of monocrotophos 20ml/10lt water or Imidacloprid 20ml/10lt water.
	MAMIT	Gundhi bug	 Spray monocrotophos 36 WSC @ 1.5 ml/lt or endosulfan 35 EC @ 1.5 ml/ml Insecticide application should be done if the population reaches ETL of 1 nymph or adult/ hill.
		Leaf blast SERCHHI	 Judicious application of nitrogenous fertilizer. Spraying with triclozole (Beam) @0.5gm/lt or edifenphos @ 1ml/lt when first symptom are notice.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat

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Mizoram Centre, Kolasib- 796081, MIZORAM





Dated: 2nd September, 2014

strict: Mamit Period: 3-7 September, 2014

Bulletin No: -446/2014/ Bulletin/English

Parameters	03-09-2014	04-09-2014	05-09-2014	06-09-2014	07-09-2014
Rainfall (mm)	0	0	3	20	3
Max Temp (oC)	32	32	32	31	31
Min Temp (oC)	21	22	22	22	22
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	100	99	100	100	99
Min RH (%)	65	68	67	71	73
Wind Speed (KmpH)	2	2	2	2	2
Wind Direction	Easterly	South-easterly	Easterly	North-Easterly	Easterly

STATUS OF MONSOON- August 1-30, 2014 (Percent of deviation from normal in parenthesis)

Aizawl-378.0mm Kolasib- 372.1mm Champhai- 329.7mm Mamit-376.0 mm (19.16)(-28.00)(-20.69)(7.33)

Lunglei- 371.4 mm Serchhip- 166.7 mm Lawngtalia- 365.4 mm Chhimtuipui- 367.8 mm (-32.04)(-64.68)(-16.55)(-32.04)

Weather forecast valid from 03rd September, 2014 To 07th Weather summary of the past three days September, 2014. There is a chance of moderate to light rainfall during the next 3 day. The

maximum and minimum temperatures for the next 5 days may range for 31-32°C and 21-22°C. Maximum relative humidity is expected in the range of 99-100% and minimum may from 65-73%. Wind direction would be southeasterly with the wind speed of 2 km per hour. Desne cloudy sky weather will prevail during the next five days.

		Weekly cumulative rainfall: 26.0mm		
Main Crop/	Stage	Cultural practices/	Agricultural / Horticultural/ animal	
Animal		Pest/ Diseases	husbandry advisories	
/Fisheries				
Khasi	Vegetative stage	Canker	 Prune the diseased and dead twigs. 	
Mandarin		# SAIHA	• Wound dressing with Bordeaux paste and	
			mulch with dry grass to conserve moisture	
		1	and suppress the growth of weed.	

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



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		A	• For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.
	5		• 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.
	5	La S	Remove sword sucker and use it as new planting material.
	}	L-1	✓ Excess water removes from the base of the plant.
	1		✓ Fertilizer application in split dose of recommended dose.
	A MAMIT)	✓ Harvest fruits when the flower tips of the fruit dehiscent.
Pineapple	Vegetative stage	Alcavar	O Clean the vicinity of plants by weeding and loosen up the soil.
	1		o Remove slips and use it as a new planting material.
	35		 Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to
		SERCHI	protect against soil borne disease and
	(V (7	insect.Weeding and intercultural operation.
Cucurbits	Vegetative stage		Nursery raising for offseason cucurbits.
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g
	1		(Apron)/ kg seed
		m 85	Drenching 1% Bordeaux mixture or 2 g
		D1 1	captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
Brinjal	Vegetative stage	7 (1)	❖ Weeding near the plant
9	8 8	1 63 4	Fertilizer application in split dose of
		Y Y	recommended dose.
		LAWNGTLAND	Draining of excess water and preparation mound near the base.
		Disease:	Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
			disease.
			210

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



		Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Vegetative stage	The second	Trilling into bower structure.
	1. 1	1	Weeding near the plant
	1 1-7	£ 5	♣ Draining of excess water and preparation
		KOLASIB	mound near the base.
	4	Scab and leaf blight	✓ Use of resistant varieties.
	<u> </u>	disease	
Early Cole crop	Nursery stage	La <mark>nd preparatio</mark> n	✓ Nursery preparation for cabbage,
	1		cauliflower, broccoli and knolkhol.
	1		Raised bed, nursery bed solarisation.
			Bed should be 1m width and
	7 MAMIT	().	conventional length.
	5	AIZAVIL	Application of FYM (1.5-2.0 kg/ m ²)
		Culentif	Line sowing of seeds (7-10cm)
		Damping off	✓ Seed treatment with thiram 3g/kg seed or
	}		Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
	1 6		✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
		SERCHHI	at 10-15 DAS are effective.
		Mustard sawfly	✓ Application of carbofuran 3G @100g/m² in
	C.		nursery is quite effective.
Ginger &	Vegetation stage	1100	✓ Weeding in turmeric and ginger field.
Turmeric			
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	7	blotch	water or Bavistin @ 1g/litre of water, 2-3
		Č.	sprayings should be given forthnightly
			intervals.
			o Spraying of Blitox @ 3 g/l of water was
	- 3	(P A	found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot
		(- V	✓ Topdressing with urea fertilizer.
		Pest:	- If earworm damage occurs, clipp off the tip
		Corn earworm	of the ear and any affected kernels. The rest
		/ SAIHA	
			- Crop rotation with leguminous crop.
		Birds	- Reflecting tape poly propylene metallic
		THE PARTY NAMED IN	

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		KOLASIB	shine tape and the other silver that reflects sunlight causing flashing effect is effective in scaring birds. - Automatic acetylene exploders or birds scaring gun that produce periodically loud noise have been suggested.
Rice	Flowering Stage	la S	✓ One hand weed will require. ✓ Application of split dose of Urea.
	}	Rice Stem borer	 Destroy egg masses. Spraying of monocrotophos 20ml/10lt water or Imidacloprid 20ml/10lt water.
	MAMIT	Gundhi bug	 Spray monocrotophos 36 WSC @ 1.5 ml/lt or endosulfan 35 EC @ 1.5 ml/ml Insecticide application should be done if the population reaches ETL of 1 nymph or adult/ hill.
	3	Leaf blast	 Judicious application of nitrogenous fertilizer. Spraying with triclozole (Beam) @0.5gm/lt or edifenphos @ 1ml/lt when first symptom are notice.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



Dated: 2nd September, 2014

District: Lunglei Period: 3-7 September, 2014

Bulletin No: -446/2014/ Bulletin/English

Parameters	03-09-2014	04-09-2014	05-09-2014	06-09-2014	07-09-2014
Rainfall (mm)	0	0	0	4	7
Max Temp (oC)	31	31	30	30	33
Min Temp (oC)	19	21	21	21	20
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	100	100	100	100	100
Min RH (%)	65	65	85	82	60
Wind Speed (KmpH)	2	2	2	3	4
Wind Direction	Easterly	Westerly	North-Easterly	North-Easterly	North-Easterly

STATUS OF MONSOON- August 1-30, 2014 (Percent of deviation from normal in parenthesis)

Kolasib- 372.1mm Champhai- 329.7mm Mamit-376.0 mm Aizawl-378.0mm (19.16) (-28.00) (-20.69) (7.33)

Serchhip- 166.7 mm Lawngtalia- 365.4 mm Lunglei- 371.4 mm Chhimtuipui- 367.8 mm (-32.04) (-64.68) (-16.55) (-32.04)

Weather summary of the past three days

Weather forecast valid from 03rd September, 2014 To 07th
September, 2014.

There is a chance of light rainfall during the next 2 day. The maximum and minimum temperatures for the next 5 days may range for 30-33^oC

and minimum temperatures for the next 5 days may range for 30-33°C and 19-21°C. Maximum relative humidity is expected in the range of 100% and minimum may from 60-85%. Wind direction would be easterly and westerly with the wind speed of 2-4 km per hour. Dense cloudy sky weather will prevail during the next five days.

Wookly cumulative rainfall: 11 0mm

octions/ A gricultural / Honticultural / onimal
actices/
 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.
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			• For canker, spray streoptomycin 2g +
			copperoxycholoride 8 g /10 lt of water.
			• Excess water removes from the base of the
	7 7	3	plant.
Banana	Vegetative/	5	✓ Remove water sucker, keep 1 or 2 plants in a
	harvesting	KOLASIB	single place.
	4		✓ Remove sword sucker and use it as new
	1	(AP)	planting material.
	>		✓ Excess water removes from the base of the
	7	7 5	plant.
) /	✓ Fertilizer application in split dose of recommended dose.
	> MAMIT		✓ Harvest fruits when the flower tips of the
	2	1	fruit dehiscent.
Pineapple	Vegetative stage	(AIZAVIL	o Clean the vicinity of plants by weeding and
1 meappie	vegetative stage		loosen up the soil.
	\	1	o Remove slips and use it as a new planting
		(1 1) 80	material.
	1 0		o Sucker dipping treatment with Bavistin @
	11	-	3g + Chloropyriphos @ 1 g/lt of water to
		SERCHH	Professional Profe
	No.	K (-)	insect.
C h:4	V		Weeding and intercultural operation. Name of the second operation.
Cucurbits	Vegetative stage		4 Nursery raising for offseason cucurbits.
		Damping off	Seed treatment with thiram 3g/kg seed or
	7	LUNGLEI	Trichoderma viride 4g+ metalaxyl 4g
	1		(Apron)/ kg seed
	7	n 8~	Drenching 1% Bordeaux mixture or 2 g
		31	captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
Brinjal	Vegetative stage		* Weeding near the plant
Dillijai	vegetative stage		Fertilizer application in split dose of
		1 20	recommended dose.
		1	 Draining of excess water and preparation
		LAWNGTLAN	mound near the base.
		Disease:	 Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		12 2	disease.
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(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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	5	KOLASIB	 shine tape and the other silver that reflects sunlight causing flashing effect is effective in scaring birds. Automatic acetylene exploders or birds scaring gun that produce periodically loud noise have been suggested.
Rice	Flowering Stage		✓ One hand weed will require.
	- (Rice Stem borer	✓ Application of split dose of Urea. ■ Destroy egg masses.
	}	Rice Stell bore.	 Spraying of monocrotophos 20ml/10lt water or Imidacloprid 20ml/10lt water.
	MAMIT	Gundhi bug	 Spray monocrotophos 36 WSC @ 1.5 ml/lt or endosulfan 35 EC @ 1.5 ml/ml Insecticide application should be done if the population reaches ETL of 1 nymph or adult/ hill.
	25	Leaf blast SERCHH	 Judicious application of nitrogenous fertilizer. Spraying with triclozole (Beam) @0.5gm/lt or edifenphos @ 1ml/lt when first symptom are notice.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat

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