

ICAR Research Complex for NEH Region Mizoram Centre, Kolasib- 796081, MIZORAM

Mizoram Centre, Kolasib- 796081, MIZORAM Phone: +91 3837 220041, Fax: +91 3837 220560, E-mail: iaaskolasib@yahoo.in

ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Chhimtuipui

No: -438/2014/ Bulletin/English Dated: 05th August, 2014

Weather summary of		Weather forecast valid from 06 th August 2014 To 10 th August		
the past three days		2014.		
the past three days		and minimum temperatures for Maximum relative humidity is from 60-86%. Wind direction	to light rainfall during the next 2 day. The maximum rethe next 5 days may range for 28-30°C and 19-21°C expected in the range of 99-100% and minimum may would be southeasterly with the wind speed of 2-3 km weather will prevail during the next five days.	
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 and mulci with dry grass to conserve moisture and suppress the growth of weed. For canker, spray streoptomycin 2g/10 lt owater. Excess water removes from the base of the plant. 	
Banana	Vegetative/ harvesting	= 144	 Remove water sucker, keep 1or 2 plants in single place. Remove sword sucker and use it as new plantin material. Excess water removes from the base of the plant Fertilizer application in split dose or recommended dose. 	
Pineapple	Vegetative stage		 Clean the vicinity of plants by weeding an loosen up the soil. Remove slips and use it as a new plantin 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. Weeding near the plant Draining of excess water and preparation mound near the base. 	



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Olema	Vogetation		Wooding poor the plant
Okra	Vegetation		✓ Weeding near the plant ✓ Fertilizer application in split dose of
	stage		✓ Fertilizer application in split dose of recommended dose.
		W.Maker	✓ Draining of excess water and preparation
			mound near the base.
		D.	
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	o 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 litre of
			water per acre for the control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of water acre.
		Worm-	
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres
			of water
Brinjal	Vegetation		 Weeding near the plant
	stage		Fertilizer application in split dose of
			recommended dose.
			 Draining of excess water and preparation
		157 (188	mound near the base.
		Disease:	o Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		1 8	disease.
		Pest:	o Sulfur fungicides can be used to control this
		Mites and hoppers-	pest.
Cowpea	Vegetative		♣ Trilling into bower structure.
•	stage		Fertilizer application in split dose of
			recommended dose.
			♣ Draining of excess water and preparation
			mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger &	Vegetation		✓ Weeding in turmeric and ginger field
_			
Turmeric	stage		✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or
			Bavistin @ 1g/litre of water, 2-3 sprayings
			should be given forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was found
			effective against leaf spot.
Maize	Flowering		✓ Weeding in maize plot
	stage		✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial wilt.	- Field sanitation.
		I	l .



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District: Chhimtuipui

			- Crop rotation with leguminous crop.
		Pest: Corn earworm	- If earworm damage occurs, clipp off the tip of the ear and any affected kernels. The rest of the should be fine to eat.
Rice	Maximum Seedling stage	- Military	✓ One hand weed will require.✓ Application of split dose of Urea.
	stage	Rice Stem borer	To manage the attack a Spray of either validamycin 3L @ 2.5 ml or Hexaconazole 5 EC @ 2.0 ml or Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
		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.
		Bl <mark>ack Quarter</mark> (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Ages	Ra <mark>nikhet Disease.</mark>	• F1 vaccine at 0 days and R ₂ B vaccine for adult birds.
		Coccidiosis	Amprolium or coccidiostat



ICAR Research Complex for NEH Region





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IMD PUNE Altitude-635MSL

District: Kolasib

No: -438/2014/ Bulletin/English Dated: 05th August, 2014

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Weather summary of		Weather forecast valid	d from 06 th August 2014 To 10 th August
the past three days		2014.	
The temperature range for maximum and minimum were 29.8-31.3°C and 23.9-24.6°C respectively. Partially Cloudy weather was observed. Wind direction is southwesterly. Maximum RH observed 46-71% & minimum of 25-33%. Rainfall recorded for the past three days is 088.0 mm.		and minimum temperatures for Maximum relative humidity is from 64-83%. Wind direction	to light rainfall during the next 3 day. The maximum of the next 5 days may range for 28-32°C and 22-23°C, expected in the range of 98-100% and minimum may would be southeasterly with the wind speed of 2-4 km weather will prevail during the next five days.
Main Crop/ Animal	Stage	Cultural practices/ Pest/ Diseases	Agricultural/Horticultural/ animal husbandry advisories
/Fisheries			Takera.
Khasi	Vegetative	Canker	 Prune the diseased and dead twigs.
Mandarin	stage		 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. Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting		 ✓ Remove water sucker, keep 1 or 2 plants in a single place. ✓ Remove sword sucker and use it as new planting material. ✓ Excess water removes from the base of the plant. ✓ Fertilizer application in split dose of recommended dose.
Pineapple	Vegetative stage		 Clean the vicinity of plants by weeding and loosen up the soil. Remove slips and use it as a new planting material. Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. Weeding and intercultural operation.
Cucurbits	Vegetation stage	- 1	 Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant Draining of excess water and preparation



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District: Kolasib

		District: Ko	T
			mound near the base.
Okra	Vegetation stage	///history	 ✓ Weeding near the plant ✓ Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and preparation mound near the base.
		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-	o Spray 560 ml of Malathion 50 EC in 350 litre of water per acre for the control of vector.
		Pest: Worm-	o Spray 150 ml malathion 50 litres of water acre.
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage		 Weeding near the plant Fertilizer application in split dose or recommended dose.
		2 %	Draining of excess water and preparation mound near the base.
		Disease: Damping off-	 Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	O 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 preparation mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger & Turmeric	Vegetation stage	, =	✓ Weeding in turmeric and ginger field✓ Gap filling
		Leaf spot	 Spraying Dithane M-45 @ 2.5g/litre of water of Bavistin @ 1g/litre of water, 2-3 spraying should be given forthnightly intervals. Spraying of Blitox @ 3 g/l of water was foun effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.



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		Stewart`s bac <mark>ter</mark> ial wilt.	- Field sanitation.
			- Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the tip of
		Corn earworm	the ear and any affected kernels. The rest of the
		ANTIHONES OF	should be fine to eat.
Rice	Maximum		✓ One hand weed will require.
	Seedling		✓ Application of split dose of Urea.
	stage	Rice Stem borer	To manage the attack a Spray of either validamycin
			3L @ 2.5 ml or Hexaconazole 5 EC @ 2.0 ml or
		Harris Co.	Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
J		Respiratory Syndrome (PRRS).	
		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.
		Bl <mark>ack Quarter (</mark> BQ)	Black Quarter Vaccine (BQV).
		9.00	❖ Primary vaccination 6 month or above
			Revaccination annually
Poultry	Ages	Ra <mark>nikhet Disease.</mark>	• F1 vaccine at 0 days and R ₂ B vaccine for adult
•			birds.
		Coccidiosis	1. Amprolium or coccidiostat



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District: Lawngtalai

Dated: 05thAugust, 2014 No: -438/2014/ Bulletin/English

			5 /
Weather summary of		Weather forecast valid from 06 th August 2014 To 10 th August	
the past three days		2014.	
•	V	and minimum temperatures for Maximum relative humidity is from 62-84%. Wind direction v	to light rainfall during the next 5 days. The maximum the next 5 days may range for 28-30°C and 21-22°C. expected in the range of 96-99% and minimum may would be southeasterly with the wind speed of 4-5 km weather will prevail during the next five days.
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 and mulch with dry grass to conserve moisture and suppress the growth of weed. For canker, spray streoptomycin 2g/10 lt of water. Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting		 ✓ Remove water sucker, keep 1or 2 plants in a single place. ✓ Remove sword sucker and use it as new planting material. ✓ Excess water removes from the base of the plant. ✓ Fertilizer application in split dose of recommended dose.
Pineapple	Vegetative stage		 Clean the vicinity of plants by weeding and loosen up the soil. Remove slips and use it as a new planting material. Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. Weeding and intercultural operation.
Cucurbits	Vegetation stage		 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.



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Olema	Vogetation		Wooding poor the plant
Okra	Vegetation		✓ Weeding near the plant ✓ Fertilizer application in split dose of
	stage		✓ Fertilizer application in split dose of recommended dose.
		W.Maker	✓ Draining of excess water and preparation
			mound near the base.
		D.	
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	o 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 litre of
			water per acre for the control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of water acre.
		Worm-	
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres
			of water
Brinjal	Vegetation		 Weeding near the plant
	stage		Fertilizer application in split dose of
			recommended dose.
			 Draining of excess water and preparation
		57 (48	mound near the base.
		Disease:	o Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		1 8	disease.
		Pest:	o Sulfur fungicides can be used to control this
		Mites and hoppers-	pest.
Cowpea	Vegetative		♣ Trilling into bower structure.
•	stage		Fertilizer application in split dose of
			recommended dose.
			♣ Draining of excess water and preparation
			mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger &	Vegetation		✓ Weeding in turmeric and ginger field
_			
Turmeric	stage		✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or
			Bavistin @ 1g/litre of water, 2-3 sprayings
			should be given forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was found
			effective against leaf spot.
Maize	Flowering		✓ Weeding in maize plot
	stage		✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial wilt.	- Field sanitation.
		I	l .



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IMD PUNE Altitude-635MSL

District: Lawngtalai

			- Crop rotation with leguminous crop.
		Pest: Corn earworm	- If earworm damage occurs, clipp off the tip of the ear and any affected kernels. The rest of the should be fine to eat.
Rice	Maximum Seedling stage	101111000	✓ One hand weed will require.✓ Application of split dose of Urea.
	stage	Rice Stem borer	To manage the attack a Spray of either validamycin 3L @ 2.5 ml or Hexaconazole 5 EC @ 2.0 ml or Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
		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.
		Bl <mark>ack Quarter</mark> (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Ages	Ra <mark>nikhet Disease.</mark>	• F1 vaccine at 0 days and R ₂ B vaccine for adult birds.
		Coccidiosis	1. Amprolium or coccidiostat



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IMD PUNE Altitude-635MSL

District: Lunglei

No: -438//2014/ Bulletin/English Dated: 05th August, 2014

Duted of Hugust			
Weather summary of		Weather forecast valid from 06 th August 2014 To 10 th August	
the past three days		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 29-31°C and 20-22°C. Maximum relative humidity is expected in the range of 98-99% and minimum may from 56-71%. Wind direction would be southeasterly with the wind speed of 3-4 km per hour. Partially cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:019.0mm	
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural/Horticultural/ animal husbandry advisories
Khasi	Vegetative	Canker	Prune the diseased and dead twigs.
Mandarin	stage		Wound dressing with Bordeaux paste and mulch
	8		with dry grass to conserve moisture and suppress the growth of weed. • For canker, spray streoptomycin 2g/10 lt of
			water.
Banana	Vagatatival	O flexible	• Excess water removes from the base of the plant.
Danana	Vegetative/ harvesting		✓ Remove water sucker, keep 1 or 2 plants in a single place.
	nai vesting		Remove sword sucker and use it as new planting
			material.
			✓ Excess water removes from the base of the plant.
		-1.22	✓ Fertilizer application in split dose of
Dingannla	Vegetative		recommended dose. O Clean the vicinity of plants by weeding and
Pineapple	stage		loosen up the soil.
	Suige.	Marie Control	o Remove slips and use it as a new planting material.
		00	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		4 Trilling into bower structure.
	stage		4 Fertilizer application in split dose of
			recommended dose.
			Weeding near the plant
			4 Draining of excess water and preparation mound near the base.



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Olema	Vogetation		Wooding poor the plant
Okra	Vegetation		✓ Weeding near the plant ✓ Fertilizer application in split dose of
	stage		✓ Fertilizer application in split dose of recommended dose.
		W.Maker	✓ Draining of excess water and preparation
			mound near the base.
		D.	
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	o 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 litre of
			water per acre for the control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of water acre.
		Worm-	
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres
			of water
Brinjal	Vegetation		 Weeding near the plant
	stage		Fertilizer application in split dose of
			recommended dose.
			 Draining of excess water and preparation
		157 (188	mound near the base.
		Disease:	o Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		1 8	disease.
		Pest:	o Sulfur fungicides can be used to control this
		Mites and hoppers-	pest.
Cowpea	Vegetative		♣ Trilling into bower structure.
•	stage		Fertilizer application in split dose of
			recommended dose.
			♣ Draining of excess water and preparation
			mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger &	Vegetation		✓ Weeding in turmeric and ginger field
_			
Turmeric	stage		✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or
			Bavistin @ 1g/litre of water, 2-3 sprayings
			should be given forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was found
			effective against leaf spot.
Maize	Flowering		✓ Weeding in maize plot
	stage		✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial wilt.	- Field sanitation.
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IMD PUNE Altitude-635MSL

District: Lunglei

			- Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the tip of
		Corn e <mark>arworm</mark>	the ear and any affected kernels. The rest of the
		Old Malacon	should be fine to eat.
Rice	Maximum	70011457.00	✓ One hand weed will require.
	Seedling		✓ Application of split dose of Urea.
	stage	Rice Stem borer	To manage the attack a Spray of either validamycin
			3L @ 2.5 ml or Hexaconazole 5 EC @ 2.0 ml or
			Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
		Respiratory Syndrome	
		(PRRS).	
		Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months
			and yearly interval/6 month interval
Cattle	Ages	Foot and Mouth Disease	• FMD vaccine at 16 week and repeat every 6
		(FMD)	month.
		Black Quarter (BQ)	Black Quarter Vaccine (BQV).
			 Primary vaccination 6 month or above
		0.00	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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IMD PUNE Altitude-635MSL

District: Mamit

No: -437/2014/ Bulletin/English Dated: 05th August, 2014

Weather summary of		Weather forecast valid	d from 06 th August 2014 To 10 th August	
the past three days			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 29-32°C and 22-23°C Maximum relative humidity is expected in the range of 98-100% and minimum may from 66-79%. Wind direction would be southeasterly with the wind speed of 4-6 km per hour. Partially cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:031.0mm		
Main Crop/	Stage	Cultural practices/ Pest/	Agricultural/Horticultural/ animal husbandry	
Animal /Fisheries		Diseases	advisories	
Khasi	Vegetative	Canker	 Prune the diseased and dead twigs. 	
Mandarin	stage		 Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppres the growth of weed. For canker, spray streoptomycin 2g/10 lt o water. Excess water removes from the base of the plant. 	
Banana	Vegetative/ harvesting	S heeb	 Remove water sucker, keep 1or 2 plants in single place. 	
		m (Aire)	 ✓ Remove sword sucker and use it as new plantin material. ✓ Excess water removes from the base of the plant ✓ Fertilizer application in split dose or recommended dose. 	
Pineapple	Vegetative stage		 Clean the vicinity of plants by weeding an loosen up the soil. Remove slips and use it as a new plantin material. Sucker dipping treatment with Bavistin @ 3g - Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. 	
Cucurbits	Vegetation stage		 Weeding and intercultural operation. Trilling into bower structure. Fertilizer application in split dose of recommended dose. Weeding near the plant Draining of excess water and preparation mound near the base. 	



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Longitude-92⁰40'52"E

Olema	Vogetation		Wooding poor the plant
Okra	Vegetation		✓ Weeding near the plant ✓ Fertilizer application in split dose of
	stage		✓ Fertilizer application in split dose of recommended dose.
		W.Maker	✓ Draining of excess water and preparation
			mound near the base.
		D.	
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	o 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 litre of
			water per acre for the control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of water acre.
		Worm-	
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres
			of water
Brinjal	Vegetation		 Weeding near the plant
	stage		Fertilizer application in split dose of
			recommended dose.
			 Draining of excess water and preparation
		157 (188	mound near the base.
		Disease:	o Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		1 8	disease.
		Pest:	o Sulfur fungicides can be used to control this
		Mites and hoppers-	pest.
Cowpea	Vegetative		♣ Trilling into bower structure.
•	stage		Fertilizer application in split dose of
			recommended dose.
			♣ Draining of excess water and preparation
			mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger &	Vegetation		✓ Weeding in turmeric and ginger field
_			
Turmeric	stage		✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or
			Bavistin @ 1g/litre of water, 2-3 sprayings
			should be given forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was found
			effective against leaf spot.
Maize	Flowering		✓ Weeding in maize plot
	stage		✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial wilt.	- Field sanitation.
		I	l .



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Mamit

			- Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the tip of
		Corn earworm	the ear and any affected kernels. The rest of the should be fine to eat.
Rice	Maximum Seedling stage	100011270	✓ One hand weed will require.✓ Application of split dose of Urea.
	stage	Rice Stem borer	To manage the attack a Spray of either validamycin 3L @ 2.5 ml or Hexaconazole 5 EC @ 2.0 ml or Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
		Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	Ages	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
		Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Primary vaccination 6 month or above Revaccination annually
Poultry	Ages	Ra <mark>nikhet Disease.</mark>	• F1 vaccine at 0 days and R ₂ B vaccine for adult birds.
		Coccidiosis	Amprolium or coccidiostat



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Serchhip

No: -438/2014/ Bulletin/English Dated: 05th August, 2014

Weather summary of		Weather forecast valid	d from 06 th August 2014 To 10 th August
the past three days			2014.
•	V	minimum temperatures for the Maximum relative humidity is from 54-69%. Wind direction v	ninfall during the next 2 days. The maximum and e next 5 days may range for 28-31°C and 19-21°C. expected in the range of 98-100% and minimum may would be southeasterly with the wind speed of 0-2 km weather will prevail during the next five days. 4.0mm
Main Crop/	Stage	Cultural practices/ Pest/	Agricultural/Horticultural/ animal husbandry
Animal /Fisheries		Diseases	advisories
Khasi	Vegetative	Canker	Prune the diseased and dead twigs.
Mandarin	stage		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.
		G Benth	• Excess water removes from the base of the plant.
Banana	Vegetative/		Remove water sucker, keep 1 or 2 plants in a
	harvesting		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
		0.100	recommended dose.
Pineapple	Vegetative		o Clean the vicinity of plants by weeding and
	stage		loosen up the soil.
			o Remove slips and use it as a new planting
			material.
			Sucker dipping treatment with Bavistin @ 3g +
		Lawrence Company	Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.
			Weeding and intercultural operation.
Cucurbits	Vegetation		Trilling into bower structure.
	stage		4 Fertilizer application in split dose of
			recommended dose.
			Weeding near the plant
			♣ Draining of excess water and preparation
			mound near the base.



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

Olema	Vogetation		Wooding poor the plant
Okra	Vegetation		✓ Weeding near the plant ✓ Fertilizer application in split dose of
	stage		✓ Fertilizer application in split dose of recommended dose.
		W.Maker	✓ Draining of excess water and preparation
			mound near the base.
		D.	
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	o 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 litre of
			water per acre for the control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of water acre.
		Worm-	
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres
			of water
Brinjal	Vegetation		 Weeding near the plant
	stage		Fertilizer application in split dose of
			recommended dose.
			 Draining of excess water and preparation
		157 (188	mound near the base.
		Disease:	o Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		1 8	disease.
		Pest:	o Sulfur fungicides can be used to control this
		Mites and hoppers-	pest.
Cowpea	Vegetative		♣ Trilling into bower structure.
•	stage		Fertilizer application in split dose of
			recommended dose.
			♣ Draining of excess water and preparation
			mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger &	Vegetation		✓ Weeding in turmeric and ginger field
_			
Turmeric	stage		✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or
			Bavistin @ 1g/litre of water, 2-3 sprayings
			should be given forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was found
			effective against leaf spot.
Maize	Flowering		✓ Weeding in maize plot
	stage		✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial wilt.	- Field sanitation.
		I	l .



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Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Serchhip

			- Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the tip of
		Corn <mark>earworm</mark>	the ear and any affected kernels. The rest of the
		N Makery.	should be fine to eat.
Rice	Maximum		✓ One hand weed will require.
	Seedling		✓ Application of split dose of Urea.
	stage	Rice Stem borer	To manage the attack a Spray of either validamycin
			3L @ 2.5 ml or Hexaconazole 5 EC @ 2.0 ml or
			Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
		Respiratory Syndrome	
		(PRRS).	
		Swine fe <mark>v</mark> er.	2. Vaccination of pigs with SF vaccines at 2 months
			and yearly interval/6 month interval
Cattle	Ages	Fo <mark>ot and Mouth</mark> Disease	• FMD vaccine at 16 week and repeat every 6
		(FMD)	month.
		Black Quarter (BQ)	Black Quarter Vaccine (BQV).
			Primary vaccination 6 month or above
		0.00	Revaccination annually
Poultry	Ages	Ra <mark>nikhet Dise</mark> ase.	• F1 vaccine at 0 days and R ₂ B vaccine for adult
			birds.
		Coccidiosis	1. Amprolium or coccidiostat



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Aizawl

Dated: 05th August, 2014 No: -438/2014/ Bulletin/English

Weather summary of		Weather forecast valid	d from 06 th August 2014 To 10 th August	
the past three days		2014.		
		and minimum temperatures for Maximum relative humidity is from 63-77%. Wind direction v	to light rainfall during the next 4 days. The maximum of the next 5 days may range for 28-31°C and 20-22°C expected in the range of 99-100% and minimum may would be southeasterly with the wind speed of 3-5 km weather will prevail during the next five days.	
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 and mulci with dry grass to conserve moisture and suppress the growth of weed. For canker, spray streoptomycin 2g/10 lt owater. Excess water removes from the base of the plant. 	
Banana	Vegetative/ harvesting		 ✓ Remove water sucker, keep 1or 2 plants in 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 or recommended dose. 	
Pineapple	Vegetative stage		 Clean the vicinity of plants by weeding an loosen up the soil. Remove slips and use it as a new plantin 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. Weeding near the plant Draining of excess water and preparation mound near the base. 	



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

Okra	Vegetation stage	N. Holeson	 ✓ Weeding near the plant ✓ Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and preparation mound near the base.
		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-	o Spray 560 ml of Malathion 50 EC in 350 litre of water per acre for the control of vector.
		Pest: Worm-	o Spray 150 ml malathion 50 litres of water acre.
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres of water
Brinjal	Vegetation stage		 Weeding near the plant Fertilizer application in split dose of recommended dose.
		o he	Draining of excess water and preparation mound near the base.
		Disease: Damping off-	 Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	o 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 preparation mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger & Turmeric	Vegetation stage		✓ Weeding in turmeric and ginger field✓ Gap filling
		Leaf spot	 Spraying Dithane M-45 @ 2.5g/litre of water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Maize	Flowering stage		✓ Weeding in maize plot✓ Topdressing with urea fertilizer.
		Disease: Stewart`s bacterial wilt.	Used of resistant varieties.Field sanitation.



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Aizawl

			- Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the tip of
		Corn <mark>earworm</mark>	the ear and any affected kernels. The rest of the
		A Makes	should be fine to eat.
Rice	Maximum		✓ One hand weed will require.
	Seedling		✓ Application of split dose of Urea.
	stage		
		Rice Stem borer	To manage the attack a Spray of either validamycin
			3L @ 2.5 ml or Hexaconazole 5 EC @ 2.0 ml or
		400000000000000000000000000000000000000	Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive	1. Culling of positive pigs or piglets.
G		Respiratory Syndrome (PRRS).	
		Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	Ages	Fo <mark>ot and Mouth Disease (FMD)</mark>	• FMD vaccine at 16 week and repeat every 6 month.
		Bl <mark>ack Quarter</mark> (BQ)	Black Quarter Vaccine (BQV).
		200	 Primary vaccination 6 month or above Revaccination annually
Poultry	Ages	Ra <mark>nikhet Disease.</mark>	• F1 vaccine at 0 days and R ₂ B vaccine for adult birds.
		Coccidiosis	1. Amprolium or coccidiostat



ICAR Research Complex for NEH Region Mizoram Centre, Kolasib- 796081, MIZORAM





ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Champhai

No: -438/2014/ Bulletin/English Dated: 05th August, 2014

	S		3 ,
Weather summary of		Weather forecast valid from 06 th August 2014 To 10 th August	
the past three days		2014.	
the past tiffee days		There is a chance of moderate to light rainfall during the next 3 days. The maximum and minimum temperatures for the next 5 days may range for 28-31°C and 20-21°C. Maximum relative humidity is expected in the range of 97-100% and minimum may from 60-75%. Wind direction would be southeasterly with the wind speed of 2-4 km per hour. Partially cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:031.0mm	
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 and mulch with dry grass to conserve moisture and suppress the growth of weed. For canker, spray streoptomycin 2g/10 lt of water. Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting		 ✓ Remove water sucker, keep 1or 2 plants in a single place. ✓ Remove sword sucker and use it as new planting material. ✓ Excess water removes from the base of the plant. ✓ Fertilizer application in split dose of recommended dose.
Pineapple	Vegetative stage		 Clean the vicinity of plants by weeding and loosen up the soil. Remove slips and use it as a new planting material. Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect. Weeding and intercultural operation.
Cucurbits	Vegetation stage		 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.



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

Olema	Vogetation		Wooding poor the plant
Okra	Vegetation		✓ Weeding near the plant ✓ Fertilizer application in split dose of
	stage		✓ Fertilizer application in split dose of recommended dose.
		W.Maker	✓ Draining of excess water and preparation
			mound near the base.
		D.	
		Disease:	o Crop rotation with chillies, tomato etc.
		Wilt-	o 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 litre of
			water per acre for the control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of water acre.
		Worm-	
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres
			of water
Brinjal	Vegetation		 Weeding near the plant
	stage		Fertilizer application in split dose of
			recommended dose.
			 Draining of excess water and preparation
		157 (188	mound near the base.
		Disease:	o Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
		1 8	disease.
		Pest:	o Sulfur fungicides can be used to control this
		Mites and hoppers-	pest.
Cowpea	Vegetative		♣ Trilling into bower structure.
•	stage		Fertilizer application in split dose of
			recommended dose.
			♣ Draining of excess water and preparation
			mound near the base.
		Scab and leaf blight disease	✓ Use of resistant varieties.
Ginger &	Vegetation		✓ Weeding in turmeric and ginger field
_			
Turmeric	stage		✓ Gap filling
		Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water or
			Bavistin @ 1g/litre of water, 2-3 sprayings
			should be given forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was found
			effective against leaf spot.
Maize	Flowering		✓ Weeding in maize plot
	stage		✓ Topdressing with urea fertilizer.
		Disease:	- Used of resistant varieties.
		Stewart's bacterial wilt.	- Field sanitation.
		I	l .



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Champhai

			- Crop rotation with leguminous crop.
		Pest:	- If earworm damage occurs, clipp off the tip of
		Corn <mark>earworm</mark>	the ear and any affected kernels.
Rice	Maximum Seedling	White	✓ One hand weed will require.✓ Application of split dose of Urea.
	stage	Rice Stem borer	To manage the attack a Spray of either validamycin 3L @ 2.5 ml or Hexaconazole 5 EC @ 2.0 ml or Propiconazole 25 EC @ 1 mlper liter of water.
Pig	Ages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
		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.
		Bl <mark>ack Quarter</mark> (BQ)	 Black Quarter Vaccine (BQV). 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	1. Amprolium or coccidiostat
·	·		