

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: Lawngtalai

Weather su	mmary of	Weathe <mark>r forecast v</mark> ali	d from 13 th August 2014 To 17 th August
the past three days		2014.	
		There is a chance of moderate to light rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 29°C and 21°C Maximum relative humidity is expected in the range of 94-97% and minimum may from 64-68%. Wind direction would be southeasterly with the wind speed of 6-7 km per hour. Partially cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:035.0mm	
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 mulc
			with dry grass to conserve moisture and suppres
			the growth of weed.
			• For canker, spray streoptomycin 2g/10 lt o
			water.
		O Bendin	1
Banana	Vegetative/		Remove water sucker, keep 1 or 2 plants in
	harvesting		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 of
		0.149	recommended dose.
Pineapple	Vegetative		o Clean the vicinity of plants by weeding an
PP	stage		loosen up the soil.
	8		o Remove slips and use it as a new plantin
			material.
			o Sucker dipping treatment with Bavistin @ 3g
		Lampin	Chloropyriphos @ 1 g/lt of water to protect
			against soil borne disease and insect.
<u> </u>	T 7		o Weeding and intercultural operation.
Cucurbits	Vegetation		Trilling into bower structure.
	stage		Fertilizer application in split dose of recommended dose.
		ALC: VI	Weeding near the plant
			 ♣ Draining of excess water and preparatio
		100	mound near the base.
	1		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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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

Weather su	mmary of	Weather forecast valid	d from 13 th August 2014 To 17 th August
Weather summary of the past three days		2014.	
the past ti	ince days	minimum temperatures for the Maximum relative humidity if from 59-65%. Wind direction	rainfall during the next 4 day. The maximum and the next 5 days may range for 28-30°C and 20°C as expected in the range of 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 or 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 o 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 or 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 (84)	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: 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

Weather su	mmary of	Weather forecast valid	d from 13 th August 2014 To 17 th August	
the past three days		2014.		
•	,	There is a chance of light rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 30-31°C and 22°C Maximum relative humidity is expected in the range of 96-98% and minimum may from 59-77%. Wind direction would be southeasterly with the wind speed of 6-8 km per hour. Partially cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:022.0mm		
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 mulc with dry grass to conserve moisture and suppress the growth of weed. For canker, spray streoptomycin 2g/10 lt owater. 	
Banana	Vegetative/	O family	• Excess water removes from the base of the plant • Remove water sucker, keep 1 or 2 plants in	
	harvesting	m (inter	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 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
		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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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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IMD PUNE Altitude-635MSL

District: Serchhip

Weather summary of		Weather forecast valid	d from 13 th August 2014 To 17 th August
the past three days			2014.
		temperatures for the next 5 or relative humidity is expected in 61%. Wind direction would be	g the next 5 day. The maximum and minimum days may range for 28-30°C and 19°C. Maximum in the range of 99-100% and minimum may from 53-e southeasterly with the wind speed of 3-4 km per ther will prevail during the next five days.
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.
D	X 74-4*1	- C Bendi	• Excess water removes from the base of the plant.
Banana	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.
			✓ Fertilizer application in split dose of
		11 11/1	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 +
			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		Fertilizer application in split dose of
		100	recommended dose.
			Weeding near the plantDraining of excess water and preparation
			mound near the base.



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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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District: Serchhip

			- 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
		A STATE OF THE PARTY.	should be fine to eat.
Rice	Maximum	A WHEN S	✓ 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.
		Bl <mark>ack Quarter</mark> (BQ)	Black Quarter Vaccine (BQV).
			 Primary vaccination 6 month or above
		2.74	Revaccination annually
Poultry	Ages	Ranikhet Disease.	• F1 vaccine at 0 days and R ₂ B vaccine for adult
			birds.
		Coccidiosis	Amprolium or coccidiostat



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IMD PUNE Altitude-635MSL

District: Aizawl

Weather summary of the past three days Weather forecast valid from 13 th August 2014.	O
There is a chance of light rainfall during the next 5 d minimum temperatures for the next 5 days may range Maximum relative humidity is expected in the range of 9 from 55-76%. Wind direction would be southeasterly with the per hour. Partially cloudy sky weather will prevail during the Weekly cumulative rainfall:022.0mm	for 27-31°C and 20°C. 98% and minimum may he wind speed of 4-6 km
Main Crop/ Stage Cultural practices/ Pest/ Agricultural/Horticultur	al/ animal husbandry
Animal Diseases advisor /Fisheries	ries
Khasi Vegetative Canker • Prune the diseased and de	
Mandarin stage • Wound dressing with Bo	
with dry grass to conserv	e moisture and suppress
the growth of weed.	
• For canker, spray street	optomycin 2g/10 It of
water. • Excess water removes from	om the bese of the plant
Banana Vegetative/ ✓ Remove water sucker, 1	
harvesting single place.	keep for 2 plants in a
✓ Remove sword sucker an	nd use it as new planting
material.	
✓ Excess water removes from	_
✓ Fertilizer application	in split dose of
recommended dose.	.1
Pineapple Vegetative stage o Clean the vicinity of loosen up the soil.	plants by weeding and
stage loosen up the soil. o Remove slips and use	it as a new nlanting
material.	it as a new planting
	nt with Bavistin @ 3g +
	g/lt of water to protect
against soil borne disease	
o Weeding and interculture	
Cucurbits Vegetation 4 Trilling into bower structure and interest and	
stage	in split dose of
Weeding near the plant	
	water and preparation
	mater and proparation
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



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IMD PUNE Altitude-635MSL

District: Champhai

Weather su	mmary of	Weather forecast valid	d from 13 th August 2014 To 17 th August	
the past three days			2014.	
vice pulse vi		There is a chance of light rainfall during the next 1 day. The maximum an minimum temperatures for the next 5 days may range for 27-30°C and 20°C Maximum relative humidity is expected in the range of 97-100% and minimum ma from 60-69%. Wind direction would be southeasterly with the wind speed of 2-4 kr per hour. Partially cloudy sky weather will prevail during the next five days. *Weekly cumulative rainfall:003.0mm*		
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	
			with dry grass to conserve moisture and suppress	
			the growth of weed.	
			• For canker, spray streoptomycin 2g/10 lt of	
		O Best	water.	
			• 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.	
		m Line	Excess water removes from the base of the plant.Fertilizer application in split dose of	
			recommended dose.	
Pineapple	Vegetative		o Clean the vicinity of plants by weeding and	
1 meappie	stage		loosen up the soil.	
	~		o Remove slips and use it as a new planting	
			material.	
		15 -11 -1	o 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		Trilling into bower structure.	
	stage	100	Fertilizer application in split dose of	
			recommended dose.	
		100	Weeding near the plant	
			♣ Draining of excess water and preparation mound near the base.	
			mound hear 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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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 e <mark>arworm</mark>	the ear and any affected kernels.
Rice	Maximum Seedling	(A) Missioner	✓ 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	Amprolium or coccidiostat



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IMD PUNE Altitude-635MSL

District: Chhimtuipui

Weather summary of		Weather forecast valid	d from 13 th August 2014 To 17 th August
the past three days		2014.	
•	2	minimum temperatures for the Maximum relative humidity is from 60-65%. Wind direction	ainfall during the next 2 days. The maximum and ne next 5 days may range for 28-29°C and 19°C expected in the range of 96-98% and minimum may would be southeasterly with the wind speed of 4 kn weather will prevail during the next five days. 1.0mm
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 mulc.
			with dry grass to conserve moisture and suppres
			the growth of weed.
			• For canker, spray streoptomycin 2g/10 lt o
		S Daniel	water.
D.	T 7 4 4 1		• Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting		✓ Remove water sucker, keep 1 or 2 plants in single place.
	nai vesting		Remove sword sucker and use it as new planting
			material.
			✓ Excess water removes from the base of the plant.
		an Line	✓ Fertilizer application in split dose of
			recommended dose.
Pineapple	Vegetative		o Clean the vicinity of plants by weeding an
	stage		loosen up the soil.
			o Remove slips and use it as a new plantin
		9	material.
		S. S. Santonia	O 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		Trilling into bower structure.
	stage		♣ Fertilizer application in split dose o
			recommended dose.
			Weeding near the plant
		100	♣ Draining of excess water and preparatio
			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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IMD PUNE Altitude-635MSL

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	1. Amprolium or coccidiostat



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Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Kolasib

Dated: 12th August, 2014 No: -440/2014/ Bulletin/English

Weather su	mmary of	Weather forecast vali	d from 13 th August 2014 To 17 th August
the past three days			2014.
The temperatur maximum and r 29.1-31.2°C and respectively. Pa weather was obtained to the control of the contro	re range for minimum were d 23.2-23.7°C rtially Cloudy oserved. Wind southwesterly. observed 74- m of 22-31%. d for the past	There is a chance of moderate to light rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 27-32°C and 21-22°C Maximum relative humidity is expected in the range of 97-98% and minimum may from 54-83%. Wind direction would be southeasterly with the wind speed of 4-7 km per hour. Partially cloudy sky weather will prevail during the next five days. **Weekly cumulative rainfall:043.0mm**	
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	ō	 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	· ·	 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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Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

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