

ICAR Research Complex for NEH Region



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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Kolasib

Weather summary of		Weather forecast vali	d from 09 th August 2014 To 13 th August
	•	vvedenci iorecust van	2014.
the past three days The temperature range for maximum and minimum were 30.0-30.8°C and 23.4-24.6°C respectively. Partially Cloudy weather was observed. Wind direction is southwesterly. Maximum RH observed 46-59% & minimum of 25-34%. Rainfall recorded for the past three days is 016.3 mm.		minimum temperatures for the Maximum relative humidity is from 56-84%. Wind direction	rainfall during the next 1 day. The maximum and the next 5 days may range for 31-32°C and 21-22°C. It is expected in the range of 98-99% and minimum may would be southeasterly with the wind speed of 4-6 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.
Banana	Vegetative/ harvesting		 Excess water removes from the base of the plant. ✓ 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	V	 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. IXO	244(7217
		A	mound near the base.
Okra	Vegetation stage	70 Miles 2	 ✓ Weeding near the plant ✓ Fertilizer application in split dose of recommended dose. ✓ Draining of excess water and preparation mound near the base.
		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 o
		Tenow veni mosaic	water per acre for the control of vector.
		Pest:	o Spray 150 ml malathion 50 litres of water acre.
		Worm-	o spray 130 m maratmon 30 miles of water acre.
		Spider mite-	o Spray 250 ml of metasystox 25 EC in 125 litres
		Spider inite-	of water
Brinjal	Vegetation		❖ Weeding near the plant
Dilijai	stage		 Weeding hear the plant Fertilizer application in split dose
	stage		recommended dose.
			 Draining of excess water and preparation
		0.00	mound near the base.
		Disease:	o Seed treatment with captan, thiram or
		Disease. Damping off-	chlorothalonil will effectively control this
		Damping on-	disease.
		Pest:	o Sulfur fungicides can be used to control this
		Mites and hoppers-	pest.
Cowpea	Vegetative	wittes and hoppers-	Trilling into bower structure.
Cowpea	stage		Fertilizer application in split dose
	stage		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 &	Vegetation		✓ Weeding in turmeric and ginger field
Turmeric	stage		✓ Gap filling
- 41 1110110	buge	Leaf spot	o Spraying Dithane M-45 @ 2.5g/litre of water of
		Lear spot	Bavistin @ 1g/litre of water, 2-3 spraying
			should be given forthnightly intervals.
			o Spraying of Blitox @ 3 g/l of water was foun
			effective against leaf spot.
Maize	Flowering		✓ Weeding in maize plot
11IMIZIC	stage		✓ Topdressing with urea fertilizer.
	Sing.	Disease:	- Used of resistant varieties.
		Disease:	- Used of resistant varieties.



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		Stewart`s bacterial wilt.	- Field sanitation.
		Stewart S Bacterial Witt.	- 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		✓ 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	1. Amprolium or coccidiostat



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District: Lawngtalai

	O		0 /
Weather summary of		Weather forecast valid from 09 th August 2014 To 13 th August	
the past three days		2014.	
		minimum temperatures for the Maximum relative humidity is from 62-76%. Wind direction via	ainfall during the next 5 days. The maximum and e next 5 days may range for 28-30°C and 20-21°C. expected in the range of 97-98% and minimum may would be southeasterly with the wind speed of 6-7 km weather will prevail during the next five days.
Main Crop/ Animal	Stage	Cultural practices/ Pest/ Diseases	Agricultural/Horticultural/ animal husbandry advisories
/Fisheries		Diseases	auvisories
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 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	Line of	 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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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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District: Lunglei

	G ,		
Weather summary of		Weather forecast valid from 09 th August 2014 To 13 th August	
the past three days		2014.	
•	V	There is a chance of light rainfall during the next 4 day. The maximum and minimum temperatures for the next 5 days may range for 29-31°C and 20°C. Maximum relative humidity is expected in the range of 99% and minimum may from 56-69%. Wind direction would be southeasterly with the wind speed of 3-5 km per hour. Partially cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:012.0mm	
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
Mandarin	suge	O Beautiful	 would dressing with Bordeaux paste and march 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/		✓ 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 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.
		S. S. Sangelo	 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 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: 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.
		Bl <mark>ack Quarter</mark> (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

Dated: 08th August, 2014 No: -439/2014/ Bulletin/English

Weather summary of		Weather forecast valid	d from 09 th August 2014 To 13 th August
the past three days			2014.
•		minimum temperatures for the relative humidity is expected in 77%. Wind direction would be	rainfall during the next 1 day. The maximum and next 5 days may range for 31°C and 22°C. Maximum in the range of 96-98% and minimum may from 60 be southeasterly with the wind speed of 5-7 km petther 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 owater. Excess water removes from the base of the plant.
Banana	Vegetative/	S Amel	✓ Remove water sucker, keep 1or 2 plants in
	harvesting	m 1++4	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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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.
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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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District: Serchhip

Weather summary of		Weather forecast valid	d from 09 th August 2014 To 13 th August
the past three days			2014.
•	~	minimum temperatures for the Maximum relative humidity is from 51-70%. Wind direction v	ainfall during the next 2 days. The maximum and the next 5 days may range for 29-30°C and 19°C. It is expected in the range of 100% and minimum may awould be southeasterly with the wind speed of 2-4 km weather 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.
Banana	Vagatatival	O Best	 Excess water removes from the base of the plant. Remove water sucker, keep 1 or 2 plants in a
Danana	Vegetative/ harvesting		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 1100	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		4 Fertilizer application in split dose of
			recommended dose.
			Weeding near the plantDraining of excess water and preparation
		100	mound near the base.
			mount neur the ouse.



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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 .



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

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ICAR RC NEHR Latitude-24°12'77" N

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
		All 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

Weather summary of		Weather forecast valid	d from 09 th August 2014 To 13 th August	
the past three days		2014.		
one past ca	aree days	minimum temperatures for the Maximum relative humidity is from 56-82%. Wind direction was a second to the control of the contr	rainfall during the next 1 day. The maximum and ne next 5 days may range for 30-31°C and 20°C expected in the range of 98-99% and minimum may would be southeasterly with the wind speed of 3-6 km weather will prevail during the next five days.	
Main Crop/ Animal	Stage	Cultural practices/ Pest/ Diseases	Agricultural/Horticultural/ animal husbandry advisories	
/Fisheries		Diseases	auvisories	
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 owater. Excess water removes from the base of the plant. 	
Banana	Vegetative/ harvesting		 ✓ Remove water sucker, keep 1 or 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 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	Ö.	 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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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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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.
J		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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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Champhai

Weather summary of		Weather forecast valid	d from 09 th August 2014 To 13 th August	
the past three days		2014.		
, , , , , , , , , , , , , , , , , , ,		minimum temperatures for the Maximum relative humidity is from 54-82%. Wind direction v	ainfall during the next 2 days. The maximum and the next 5 days may range for 30-31°C and 19-20°C. expected in the range of 98-100% and minimum may would be southeasterly with the wind speed of 3-4 km weather will prevail during the next five days.	
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 Bents	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 1.444	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	
ттеарріс	stage		loosen up the soil.	
	25-		o Remove slips and use it as a new planting	
			material.	
		7	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.	
			Weeding near the plant Draining of excess water and preparation	
			Draining of excess water and preparation mound near the base.	
			mound hear 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
		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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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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ICAR RC NEHR Latitude-24°12'77" N

Longitude-92⁰40'52"E

IMD PUNE Altitude-635MSL

District: Chhimtuipui

Weather summary of		Weather forecast valid	d from 09 th August 2014 To 13 th August	
the past three days		1.0	2014.	
•	V	There is a chance of light rainfall during the next 1 day. The maximum and minimum temperatures for the next 5 days may range for 28-30°C and 19-20°C Maximum relative humidity is expected in the range of 98-99% and minimum may from 57-76%. Wind direction would be southeasterly with the wind speed of 4 km per hour. Partially cloudy sky weather will prevail during the next five days. Weekly cumulative rainfall:003.0mm		
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 mulci	
			with dry grass to conserve moisture and suppres	
			the growth of weed.	
			• For canker, spray streoptomycin 2g/10 lt o	
		A Beauty	water.	
		51 110001	• Excess water removes from the base of the plant.	
Banana	Vegetative/		Remove water sucker, keep 1 or 2 plants in	
	harvesting		single place. Remove sword sucker and use it as new planting	
			material.	
			Excess water removes from the base of the plant.	
		- 110	Fertilizer application in split dose of	
		- 1100	recommended dose.	
Pineapple	Vegetative		o Clean the vicinity of plants by weeding and	
11	stage		loosen up the soil.	
			o Remove slips and use it as a new planting	
			material.	
			o Sucker dipping treatment with Bavistin @ 3g	
			Chloropyriphos @ 1 g/lt of water to protect	
			against soil borne disease and insect.	
Cucurbits	Vogotation		Weeding and intercultural operation. Trilling into hower structure.	
Cucurbits	Vegetation stage		Trilling into bower structure.Fertilizer application in split dose of	
	stage		recommended dose.	
			Weeding near the plant	
			4 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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Longitude-92⁰40'52"E

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