



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
 Mizoram Centre, Kolasib- 796081, MIZORAM
(Prepared based on District wise Weather Forecast received from IMD, Guwahati)



District: Chhimtuipui

Period: 14-18 February, 2015

Bulletin No: -492/2015/ Bulletin/English

Date of issue: 13th February, 2015

Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	0	0	0	0
Max Temp (oC)	25	25	26	26	28
Min Temp (oC)	7	7	7	8	6
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	70	76	73	72	92
Min RH (%)	22	25	20	19	18
Wind Speed (Kmph)	4	4	4	4	4
*Wind Direction	E	E	E	E	E
Northerly- N , North-Easterly- N-E , Easterly- E , South-Easterly- S-E , Southerly- S , South-Westerly- S-W , Westerly- W , North-westerly- N-W .					
STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)					
Kolasib- 0.00 mm (0.00mm)		Kolasib- 0.00 mm (0.00mm)		Kolasib- 0.00 mm (0.00mm)	
Serchhip-0.00mm (0.00mm)		Serchhip-0.00mm (0.00mm)		Serchhip-0.00mm (0.00mm)	
Weather summary of the past three days		Weather forecast valid from 14 th February, 2015 To 19 th February, 2015.			
		There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 25-26 ⁰ C and 6-8 ⁰ C. Maximum relative humidity is expected in the range of 70-92% and minimum may from 18-25%. Wind direction would be easterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days.			
		Weekly cumulative rainfall: 00.0 mm			
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories		
Khasi Mandarin	Vegetative/ Harvesting stage		✚ Provide irrigation 10-15 days internal. ✚ Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality.		



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			<ul style="list-style-type: none"> Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Oil plam	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Banana	Vegetative/ harvesting		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600:



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			<p>200:100 (g/pt).</p> <ul style="list-style-type: none"> Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Pruning on a regular basis removes unwanted or suckers, keeps production mats in optimum condition, saves fertilizer, reduces pest and disease. Fruits are harvested when they attain full size, develop attractive yellow colour.
Pineapple	Vegetative stage		<ul style="list-style-type: none"> Colocassia, yam, chilies, cabbage, cauliflower, sweet potato, pigeon pea, green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer. Pineapple plants should be irrigated with five or six irrigations during the dry months at intervals of 20–25 days. Cover crops like sweet potato, etc., can also be grown to conserve soil moisture. Mulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage		<ul style="list-style-type: none"> Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	<ul style="list-style-type: none"> Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	<ul style="list-style-type: none"> Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage		<ul style="list-style-type: none"> Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per



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		KOLASIB	cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation against fruit fly and pumpkin beetle. ✚ Provide split doses of urea (70g/pt) at the time of full blooming.
Okra	Sowing stage		✚ Plough the field with the help of spade. ✚ Sow 2 seed 45 X 45 cm spacing. ✚ Before sowing seed provide one or two irrigation.
Broccoli	Card formation stage	AIZAWL	✚ Provide split dose of fertilizer to the plant (50 g/pt). ✚ Provide additional amount of irrigation to the plant for formation of card. ✚ Reduce moisture less with intercrop with different legume like pea, lentil and gram. ✚ Sow one or two mustard line after every 25 rows of broccoli.
Mustard and toria	Flowering stage	SERCHHIP	○ Weeding in the toria plot. ○ Provide irrigation in the field. ○ Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot. ✓ Provide irrigation in the field.
		LUNGLE Aphid	○ In case of aphid infestation apply Imidachloprid 1.5ml/ltr of water.
Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant ❖ Fertilizer application in split dose of recommended dose. ❖ Provide irrigation to the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ ltr of water at 10-15 DAS are effective.
		Leaf spot and leaf	○ Spraying Dithane M-45 @ 2.5g/litre of



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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given fortnightly intervals. ○ Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB MAMIT AIZAWL CHAMPA	<ul style="list-style-type: none"> Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging by spade. Prepare beds of convenient length (across the slope where the land is undulating), 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels, one for every 25 beds on flat lands
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	• Black Quarter Vaccine (BQV). ❖ Primary vaccination 6 month or above ❖ Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat



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Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	26	26	26	27	28
Min Temp (°C)	12	12	12	12	12
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	70	93	88	91	96
Min RH (%)	23	25	22	23	22
Wind Speed (Kmph)	4	4	4	4	4
*Wind Direction	S-E	S-E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)

Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)
Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)

Weather summary of the past three days

The temperature range for maximum and minimum were 26.2-28.3°C and 12.1-14.3°C respectively. Clear sky was observed. Wind direction is easterly. Maximum RH observed 56-65% & minimum of 22-28%. Rainfall recorded for the past three days is 00.0mm.

Weather forecast valid from 14th February, 2015 To 19th February, 2015.

There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 26-28°C and 12°C. Maximum relative humidity is expected in the range of 70-96% and minimum may from 22-25%. Wind direction would be southeasterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days interval. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality.



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			<ul style="list-style-type: none"> Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Oil plam	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Banana	Vegetative/ harvesting		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600:



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Pineapple	Vegetative stage		<ul style="list-style-type: none"> Colocassia, yam, chilies, cabbage, cauliflower, sweet potato, pigeon pea, green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer. Pineapple plants should be irrigated with five or six irrigations during the dry months at intervals of 20–25 days. Cover crops like sweet potato, etc., can also be grown to conserve soil moisture. Mulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage		<ul style="list-style-type: none"> Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	<ul style="list-style-type: none"> Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	<ul style="list-style-type: none"> Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage		<ul style="list-style-type: none"> Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per



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Okra	Sowing stage		✚ Plough the field with the help of spade. ✚ Sow 2 seed 45 X 45 cm spacing. ✚ Before sowing seed provide one or two irrigation.
Broccoli	Card formation stage	AIZAWL	✚ Provide split dose of fertilizer to the plant (50 g/pt). ✚ Provide additional amount of irrigation to the plant for formation of card. ✚ Reduce moisture less with intercrop with different legume like pea, lentil and gram. ✚ Sow one or two mustard line after every 25 rows of broccoli.
Mustard and toria	Flowering stage	SERCHHIP	○ Weeding in the toria plot. ○ Provide irrigation in the field. ○ Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot. ✓ Provide irrigation in the field.
		LUNGLE Aphid	○ In case of aphid infestation apply Imidachloprid 1.5ml/lit of water.
Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant ❖ Fertilizer application in split dose of recommended dose. ❖ Provide irrigation to the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
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Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
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Min Temp (°C)	8	9	9	9	8
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	72	79	74	72	85
Min RH (%)	21	24	21	20	19
Wind Speed (Kmph)	4	4	5	4	4
*Wind Direction	E	E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)

Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)
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Weather summary of the past three days

Weather forecast valid from 14th February, 2015 To 19th February, 2015.

There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 26-29°C and 8-9°C. Maximum relative humidity is expected in the range of 72-85% and minimum may from 19-24%. Wind direction would be easterly with the wind speed of 4-5 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days interval. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality.



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			<p>200:100 (g/pt).</p> <ul style="list-style-type: none"> Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Pruning on a regular basis removes unwanted or suckers, keeps production mats in optimum condition, saves fertilizer, reduces pest and disease. Fruits are harvested when they attain full size, develop attractive yellow colour.
Pineapple	Vegetative stage		<ul style="list-style-type: none"> Colocassia, yam, chilies, cabbage, cauliflower, sweet potato, pigeon pea, green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer. Pineapple plants should be irrigated with five or six irrigations during the dry months at intervals of 20–25 days. Cover crops like sweet potato, etc., can also be grown to conserve soil moisture. Mulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage		<ul style="list-style-type: none"> Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	<ul style="list-style-type: none"> Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	<ul style="list-style-type: none"> Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage		<ul style="list-style-type: none"> Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



		KOLASIB	cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation against fruit fly and pumpkin beetle. ✚ Provide split doses of urea (70g/pt) at the time of full blooming.
Okra	Sowing stage		✚ Plough the field with the help of spade. ✚ Sow 2 seed 45 X 45 cm spacing. ✚ Before sowing seed provide one or two irrigation.
Broccoli	Card formation stage	AIZAWL	✚ Provide split dose of fertilizer to the plant (50 g/pt). ✚ Provide additional amount of irrigation to the plant for formation of card. ✚ Reduce moisture less with intercrop with different legume like pea, lentil and gram. ✚ Sow one or two mustard line after every 25 rows of broccoli.
Mustard and toria	Flowering stage	SERCHHIP	○ Weeding in the toria plot. ○ Provide irrigation in the field. ○ Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot. ✓ Provide irrigation in the field.
		LUNGLE Aphid	○ In case of aphid infestation apply Imidachloprid 1.5ml/lit of water.
Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant ❖ Fertilizer application in split dose of recommended dose. ❖ Provide irrigation to the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
		Leaf spot and leaf	○ Spraying Dithane M-45 @ 2.5g/litre of



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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given fortnightly intervals. ○ Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB MAMIT AIZAWL CHAMPAI	<ul style="list-style-type: none"> Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging by spade. Prepare beds of convenient length (across the slope where the land is undulating), 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels, one for every 25 beds on flat lands
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	• Black Quarter Vaccine (BQV). ❖ Primary vaccination 6 month or above ❖ Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat



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Mizoram Centre, Kolasib- 796081, MIZORAM

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lunglei

Period: 14-18 February, 2015

Bulletin No: -492/2015/ Bulletin/English

Date of issue: 13th February, 2015

Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	26	26	27	27	29
Min Temp (°C)	5	6	6	6	6
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	85	96	95	94	94
Min RH (%)	22	26	21	21	19
Wind Speed (Kmph)	4	4	4	4	4
*Wind Direction	E	E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)

Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)
Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)

Weather summary of the past three days

Weather forecast valid from 14th February, 2015 To 19th February, 2015.

There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 26-29°C and 5-6°C. Maximum relative humidity is expected in the range of 85-96% and minimum may from 19-26%. Wind direction would be easterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days interval. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



			<ul style="list-style-type: none"> Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Oil plam	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Banana	Vegetative/ harvesting		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600:



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			<p>200:100 (g/pt).</p> <ul style="list-style-type: none"> Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Pruning on a regular basis removes unwanted or suckers, keeps production mats in optimum condition, saves fertilizer, reduces pest and disease. Fruits are harvested when they attain full size, develop attractive yellow colour.
Pineapple	Vegetative stage		<ul style="list-style-type: none"> Colocassia, yam, chilies, cabbage, cauliflower, sweet potato, pigeon pea, green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer. Pineapple plants should be irrigated with five or six irrigations during the dry months at intervals of 20–25 days. Cover crops like sweet potato, etc., can also be grown to conserve soil moisture. Mulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage		<ul style="list-style-type: none"> Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	<ul style="list-style-type: none"> Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	<ul style="list-style-type: none"> Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage		<ul style="list-style-type: none"> Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per



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		KOLASIB	cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation against fruit fly and pumpkin beetle. ✚ Provide split doses of urea (70g/pt) at the time of full blooming.
Okra	Sowing stage		✚ Plough the field with the help of spade. ✚ Sow 2 seed 45 X 45 cm spacing. ✚ Before sowing seed provide one or two irrigation.
Broccoli	Card formation stage	AIZAWL	✚ Provide split dose of fertilizer to the plant (50 g/pt). ✚ Provide additional amount of irrigation to the plant for formation of card. ✚ Reduce moisture less with intercrop with different legume like pea, lentil and gram. ✚ Sow one or two mustard line after every 25 rows of broccoli.
Mustard and toria	Flowering stage	SERCHHIP	○ Weeding in the toria plot. ○ Provide irrigation in the field. ○ Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot. ✓ Provide irrigation in the field.
		LUNGLE Aphid	○ In case of aphid infestation apply Imidachloprid 1.5ml/lit of water.
Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant ❖ Fertilizer application in split dose of recommended dose. ❖ Provide irrigation to the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
		Leaf spot and leaf	○ Spraying Dithane M-45 @ 2.5g/litre of



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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given fortnightly intervals. ○ Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB MAMIT AIZAWL CHAMPHAI	<ul style="list-style-type: none"> Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging by spade. Prepare beds of convenient length (across the slope where the land is undulating), 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels, one for every 25 beds on flat lands
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	• Black Quarter Vaccine (BQV). ❖ Primary vaccination 6 month or above ❖ Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat



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Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Mamit

Period: 14-18 February, 2015

Bulletin No: -492/2015/ Bulletin/English

Date of issue: 13th February, 2015

Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	26	27	28	28	29
Min Temp (°C)	12	12	12	12	12
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	76	94	91	97	94
Min RH (%)	22	24	21	22	20
Wind Speed (Kmph)	4	4	4	3	2
*Wind Direction	S-E	S-E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)

Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)
Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)

Weather summary of the past three days

Weather forecast valid from 14th February, 2015 To 19th February, 2015.

There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 26-29°C and 12°C. Maximum relative humidity is expected in the range of 76-97% and minimum may from 20-24%. Wind direction would be southeasterly with the wind speed of 2-4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days interval. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality.



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			<ul style="list-style-type: none"> Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Oil plam	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Banana	Vegetative/ harvesting		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600:



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			<p>200:100 (g/pt).</p> <ul style="list-style-type: none"> Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Pruning on a regular basis removes unwanted or suckers, keeps production mats in optimum condition, saves fertilizer, reduces pest and disease. Fruits are harvested when they attain full size, develop attractive yellow colour.
Pineapple	Vegetative stage		<ul style="list-style-type: none"> Colocassia, yam, chilies, cabbage, cauliflower, sweet potato, pigeon pea, green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer. Pineapple plants should be irrigated with five or six irrigations during the dry months at intervals of 20–25 days. Cover crops like sweet potato, etc., can also be grown to conserve soil moisture. Mulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage		<ul style="list-style-type: none"> Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	<ul style="list-style-type: none"> Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	<ul style="list-style-type: none"> Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage		<ul style="list-style-type: none"> Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per



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		KOLASIB	cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation against fruit fly and pumpkin beetle. ✚ Provide split doses of urea (70g/pt) at the time of full blooming.
Okra	Sowing stage		✚ Plough the field with the help of spade. ✚ Sow 2 seed 45 X 45 cm spacing. ✚ Before sowing seed provide one or two irrigation.
Broccoli	Card formation stage	AIZAWL	✚ Provide split dose of fertilizer to the plant (50 g/pt). ✚ Provide additional amount of irrigation to the plant for formation of card. ✚ Reduce moisture less with intercrop with different legume like pea, lentil and gram. ✚ Sow one or two mustard line after every 25 rows of broccoli.
Mustard and toria	Flowering stage	SERCHHIP	○ Weeding in the toria plot. ○ Provide irrigation in the field. ○ Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot. ✓ Provide irrigation in the field.
		LUNGLE Aphid	○ In case of aphid infestation apply Imidachloprid 1.5ml/lit of water.
Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant ❖ Fertilizer application in split dose of recommended dose. ❖ Provide irrigation to the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
		Leaf spot and leaf	○ Spraying Dithane M-45 @ 2.5g/litre of



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given fortnightly intervals. ○ Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB MAMIT AIZAWL CHAMPAI	<ul style="list-style-type: none"> Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging by spade. Prepare beds of convenient length (across the slope where the land is undulating), 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels, one for every 25 beds on flat lands
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	• Black Quarter Vaccine (BQV). ❖ Primary vaccination 6 month or above ❖ Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat



GRAMIN KRISHI MAUSAM SEWA
ICAR RESEARCH COMPLEX FOR NEH REGION
Mizoram Centre, Kolasib- 796081, MIZORAM
(Prepared based on District wise Weather Forecast received from IMD,
Guwahati)



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GRAMIN KRISHI MAUSAM SEWA

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Serchhip

Period: 14-18 February, 2015

Bulletin No: -492/2015/ Bulletin/English

Date of issue: 13th February, 2015

Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	24	24	25	26	27
Min Temp (°C)	5	5	5	5	5
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	89	100	98	99	97
Min RH (%)	24	28	22	22	20
Wind Speed (Kmph)	4	4	4	4	4
*Wind Direction	E	E	E	E	E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)

Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)
Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)

Weather summary of the past three days

Weather forecast valid from 14th February, 2015 To 19th February, 2015.

There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 24-27°C and 5°C. Maximum relative humidity is expected in the range of 89-100% and minimum may from 20-28%. Wind direction would be easterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days interval. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality.



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			<ul style="list-style-type: none"> Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Oil plam	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Banana	Vegetative/ harvesting		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600:



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			<p>200:100 (g/pt).</p> <ul style="list-style-type: none"> Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Pruning on a regular basis removes unwanted or suckers, keeps production mats in optimum condition, saves fertilizer, reduces pest and disease. Fruits are harvested when they attain full size, develop attractive yellow colour.
Pineapple	Vegetative stage		<ul style="list-style-type: none"> Colocassia, yam, chilies, cabbage, cauliflower, sweet potato, pigeon pea, green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer. Pineapple plants should be irrigated with five or six irrigations during the dry months at intervals of 20–25 days. Cover crops like sweet potato, etc., can also be grown to conserve soil moisture. Mulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage		<ul style="list-style-type: none"> Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	<ul style="list-style-type: none"> Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	<ul style="list-style-type: none"> Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage		<ul style="list-style-type: none"> Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per



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		KOLASIB	cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation against fruit fly and pumpkin beetle. ✚ Provide split doses of urea (70g/pt) at the time of full blooming.
Okra	Sowing stage		✚ Plough the field with the help of spade. ✚ Sow 2 seed 45 X 45 cm spacing. ✚ Before sowing seed provide one or two irrigation.
Broccoli	Card formation stage	AIZAWL	✚ Provide split dose of fertilizer to the plant (50 g/pt). ✚ Provide additional amount of irrigation to the plant for formation of card. ✚ Reduce moisture less with intercrop with different legume like pea, lentil and gram. ✚ Sow one or two mustard line after every 25 rows of broccoli.
Mustard and toria	Flowering stage	SERCHHIP	○ Weeding in the toria plot. ○ Provide irrigation in the field. ○ Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot. ✓ Provide irrigation in the field.
		LUNGLE Aphid	○ In case of aphid infestation apply Imidachloprid 1.5ml/lit of water.
Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant ❖ Fertilizer application in split dose of recommended dose. ❖ Provide irrigation to the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
		Leaf spot and leaf	○ Spraying Dithane M-45 @ 2.5g/litre of



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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given fortnightly intervals. ○ Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB MAMIT AIZAWL CHAMPAI	<ul style="list-style-type: none"> Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging by spade. Prepare beds of convenient length (across the slope where the land is undulating), 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels, one for every 25 beds on flat lands
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	• Black Quarter Vaccine (BQV). ❖ Primary vaccination 6 month or above ❖ Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat



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District: Aizawl

Period: 14-18 February, 2015

Bulletin No: -492/2015/ Bulletin/English

Date of issue: 13th February, 2015

Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	0	0	0	0
Max Temp (oC)	26	26	26	27	28
Min Temp (oC)	12	12	12	12	12
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	70	93	88	91	96
Min RH (%)	23	25	22	23	22
Wind Speed (Kmph)	4	4	4	4	4
*Wind Direction	S-E	S-E	E	E	E
Northerly- N , North-Easterly- N-E , Easterly- E , South-Easterly- S-E , Southerly- S , South-Westerly- S-W , Westerly- W , North-westerly- N-W .					
STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)					
Kolasib- 0.00 mm (0.00mm)		Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	
Serchhip-0.00mm (0.00mm)		Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	
Weather summary of the past three days		Weather forecast valid from 14 th February, 2015 To 19 th February, 2015.			
		There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 26-28 ⁰ C and 12 ⁰ C. Maximum relative humidity is expected in the range of 70-96% and minimum may from 22-25%. Wind direction would be southeasterly with the wind speed of 4 km per hour. Partially cloudy sky will prevail during the next five days.			
		Weekly cumulative rainfall: 00.0 mm			
Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories		
Khasi Mandarin	Vegetative/ Harvesting stage		<div><div></div><div>Provide irrigation 10-15 days internal.</div></div> <div><div></div><div>Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality.</div></div>		



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			<ul style="list-style-type: none"> Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Oil plam	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Banana	Vegetative/ harvesting		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600:



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Pineapple	Vegetative stage		<ul style="list-style-type: none"> Colocassia, yam, chilies, cabbage, cauliflower, sweet potato, pigeon pea, green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer. Pineapple plants should be irrigated with five or six irrigations during the dry months at intervals of 20–25 days. Cover crops like sweet potato, etc., can also be grown to conserve soil moisture. Mulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage		<ul style="list-style-type: none"> Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	<ul style="list-style-type: none"> Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	<ul style="list-style-type: none"> Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage		<ul style="list-style-type: none"> Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per



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		KOLASIB	cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation against fruit fly and pumpkin beetle. ✚ Provide split doses of urea (70g/pt) at the time of full blooming.
Okra	Sowing stage		✚ Plough the field with the help of spade. ✚ Sow 2 seed 45 X 45 cm spacing. ✚ Before sowing seed provide one or two irrigation.
Broccoli	Card formation stage	AIZAWL	✚ Provide split dose of fertilizer to the plant (50 g/pt). ✚ Provide additional amount of irrigation to the plant for formation of card. ✚ Reduce moisture less with intercrop with different legume like pea, lentil and gram. ✚ Sow one or two mustard line after every 25 rows of broccoli.
Mustard and toria	Flowering stage	SERCHHIP	○ Weeding in the toria plot. ○ Provide irrigation in the field. ○ Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot. ✓ Provide irrigation in the field.
		LUNGLE Aphid	○ In case of aphid infestation apply Imidachloprid 1.5ml/lit of water.
Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant ❖ Fertilizer application in split dose of recommended dose. ❖ Provide irrigation to the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
		Leaf spot and leaf	○ Spraying Dithane M-45 @ 2.5g/litre of



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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given fortnightly intervals. ○ Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB MAMIT AIZAWL CHAMPAI	<ul style="list-style-type: none"> Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging by spade. Prepare beds of convenient length (across the slope where the land is undulating), 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels, one for every 25 beds on flat lands
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	• Black Quarter Vaccine (BQV). ❖ Primary vaccination 6 month or above ❖ Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat



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District: Aizawl

Period: 14-18 February, 2015

Bulletin No: -492/2015/ Bulletin/English

Date of issue: 13th February, 2015

Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	24	24	24	24	26
Min Temp (°C)	9	9	9	9	9
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	75	91	92	96	96
Min RH (%)	25	28	25	26	25
Wind Speed (Kmph)	4	4	4	4	4
*Wind Direction	S-E	S-E	S-E	S-E	S-E

Northerly- N, North-Easterly- N-E, Easterly- E, South-Easterly- S-E, Southerly- S, South-Westerly- S-W, Westerly- W, North-westerly- N-W.

STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)

Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)	Kolasib- 0.00 mm (0.00mm)
Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)	Serchhip-0.00mm (0.00mm)

Weather summary of the past three days

Weather forecast valid from 14th February, 2015 To 19th February, 2015.

There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 24-26°C and 9°C. Maximum relative humidity is expected in the range of 75-96% and minimum may from 25-28%. Wind direction would be southeasterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days interval. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality.



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			<ul style="list-style-type: none"> Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Oil plam	Vegetative/ Harvesting stage		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600: 200:100 (g/pt). Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Apply Bordeaux mixture to the plant after pruning. Fruits are harvested when they attain full size, develop attractive colour with optimum sugar and acid blend.
Banana	Vegetative/ harvesting		<ul style="list-style-type: none"> Provide irrigation 10-15 days internal. Application of dry leaf mulch or paddy husk to a thickness of about 8 cm. in the basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. Application of split dose of fertilizer 600:



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			<p>200:100 (g/pt).</p> <ul style="list-style-type: none"> Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum are required in ample quantities for supplying nutrients and also reduce serious disorders which may lead to decline of the whole orchard. Pruning on a regular basis removes unwanted or suckers, keeps production mats in optimum condition, saves fertilizer, reduces pest and disease. Fruits are harvested when they attain full size, develop attractive yellow colour.
Pineapple	Vegetative stage		<ul style="list-style-type: none"> Colocassia, yam, chilies, cabbage, cauliflower, sweet potato, pigeon pea, green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer. Pineapple plants should be irrigated with five or six irrigations during the dry months at intervals of 20–25 days. Cover crops like sweet potato, etc., can also be grown to conserve soil moisture. Mulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage		<ul style="list-style-type: none"> Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	<ul style="list-style-type: none"> Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	<ul style="list-style-type: none"> Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage		<ul style="list-style-type: none"> Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per



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		KOLASIB	cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation against fruit fly and pumpkin beetle. ✚ Provide split doses of urea (70g/pt) at the time of full blooming.
Okra	Sowing stage		✚ Plough the field with the help of spade. ✚ Sow 2 seed 45 X 45 cm spacing. ✚ Before sowing seed provide one or two irrigation.
Broccoli	Card formation stage	AIZAWL	✚ Provide split dose of fertilizer to the plant (50 g/pt). ✚ Provide additional amount of irrigation to the plant for formation of card. ✚ Reduce moisture less with intercrop with different legume like pea, lentil and gram. ✚ Sow one or two mustard line after every 25 rows of broccoli.
Mustard and toria	Flowering stage	SERCHHIP	○ Weeding in the toria plot. ○ Provide irrigation in the field. ○ Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot. ✓ Provide irrigation in the field.
		LUNGLE Aphid	○ In case of aphid infestation apply Imidachloprid 1.5ml/lit of water.
Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant ❖ Fertilizer application in split dose of recommended dose. ❖ Provide irrigation to the plant.
		Damping off	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
		Leaf spot and leaf	○ Spraying Dithane M-45 @ 2.5g/litre of



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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given fortnightly intervals. ○ Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB MAMIT AIZAWL CHAMPA	<ul style="list-style-type: none"> Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging by spade. Prepare beds of convenient length (across the slope where the land is undulating), 1 m width, 25 cm height with 40 cm spacing between the beds. Provide drainage channels, one for every 25 beds on flat lands
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2 months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth Disease (FMD)	• FMD vaccine at 16 week and repeat every 6 month.
	Young stage	Black Quarter (BQ)	• Black Quarter Vaccine (BQV). ❖ Primary vaccination 6 month or above ❖ Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R ₂ B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat



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