

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 14.02.2015 16.02.2015 **Parameters** 15.02.2015 17.02.2015 18.02.2015 Rainfall (mm) 0 0 0 0 0 Max Temp (oC) 25 25 26 28 26 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 7292 Min RH (%) 22 25 20 19 18 Wind Speed (KmpH) 4 4 4 4 4 ***Wind Direction** Е 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 Kolasib- 0.00 mm Kolasib- 0.00 mm Kolasib- 0.00 mm (0.00mm)(0.00mm)(0.00mm)(0.00mm)Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm Serchhip-0.00mm (0.00mm)(0.00mm)(0.00mm)(0.00mm)Weather forecast valid from 14th February, 2015 To 19th Weather summary of the past SERCHHIP February, 2015. three days 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°C and 6-8°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 Agricultural / Horticultural/ animal Main Crop/ Cultural practices/ Stage Animal Pest/ Diseases husbandry advisories /Fisheries Vegetative/ Provide irrigation 10-15 days internal. Khasi Application of dry leaf mulch or paddy Harvesting stage Mandarin LAWNGTLA husk to a thickness of about 8 cm. in the SAIHA basin keeps down the weed growth and decreases the number of irrigations and also improves fruit quality. 1 | Page



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		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
		and the second state of th
		disorders which may lead to decline of the
	1	whole orchard.
	(Apply Bordeaux mixture to the plant after
	7	pruning.
	1	Fruits are harvested when they attain full
	l l	size, develop attractive colour with
	Smanut	optimum sugar and acid blend.
Oil plam	MAMIT Vocatotivo/	
Oil plam	Vegetative/	AIZAWL Provide irrigation 10-15 days internal. AIZAWL Application of dry leaf mulch or paddy
	Harvesting stage	husk to a thickness of about 8 cm. in the
	1	
	h, h	basin keeps down the weed growth and
		decreases the number of irrigations and
		also improves fruit quality.
		Application of split dose of fertilizer 600:
		SERCHHIP 200:100 (g/pt).
		Apply micro-nutrients viz. zinc, copper, manganese, iron, boron and molybdenum
		are required in ample quantities for supplying putrients and also reduce serious
		supplying nutrients and also reduce serious
		LUNGLEI disorders which may lead to decline of the whole orchard.
	2	
	1	Apply Bordeaux mixture to the plant after
		pruning.
		size, develop attractive colour with
		-
Donono	Vagatatival	optimum sugar and acid blend.
Banana	Vegetative/	Provide irrigation 10-15 days internal.
	harvesting	
		SAIHA basin keeps down the weed growth and decreases the number of irrigations and
		also improves fruit quality.



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Pineapple	Vegetative stage	KOLASIB	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	LONGLEI	4 Weeding near the plant
		-	+ Fertilizer application in split dose of
		a ?~	recommended dose.
			Provide irrigation in the plant.
		Disease:	• Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
			disease.
		Pest:	• Sulfur fungicides can be used to control
	T	Mites and hoppers-	this pest.
Cucurbitaceous	Fruiting stage	C SAIHA	Provide irrigation every 7 days interval which will give better yield
crop			which will give better yield. In large gardens apply carbaryl 0.2 per
			3 P a g e



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	\sum	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	The l	 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 stageMAMIT	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	SERCHHI	 Weeding in the toria plot. Provide irrigation in the field. Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage	LUNGAphid	 Weeding in the pea plot. Provide irrigation in the field. In case of aphid infestation apply Imidachloprid 1.5ml/lt 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 LAWNGTLAL SAIHA	 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
		Leaf spot and leaf	at 10-15 DAS are effective. Spraying Dithane M-45 @ 2.5g/litre of 4 P a g e

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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly
	5	\sum	 intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB	 Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging
	AMMIT	The second secon	 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.
	5	AIZAWL C	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_2B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
		Mr.N	2





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Period:

14-18

February,



2015

District: Kolasib

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	KOIOASIB	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 (Km	p H) 4	4	4	4	4
*Wind Direction	S-E	S-E	E	E	E
	Northerly- N, Nort				
STATUS OF MON	Southerly- S, So				
Kolasib- 0.00			Kolasib- 0.00 n		ib- 0.00 mm
(0.00		(0.00mm)	(0.00m		(0.00mm)
Serchhip-0.00			Serchhip-0.00n	nm Serch	hip-0.00mm
(0.00		(0.00mm)	(0.00m		(0.00mm)
Weather summary of the past Weather forecast valid from 14 th February, 2015 To 1				, 2015 To 19th	
	e days	SERCHHIP February, 2015.			
and minimum we 12.1-14.3°C resp was observed.	range for maximum ere 26.2-28.3 ⁰ C and ectively. Clear sky Wind direction is	minimum tempera 12 ⁰ C. Maximum and minimum	tures for the next relative humidity may from 22-2	5 days may rang is expected in the 25%. Wind dire	The maximum and ge for 26-28 ⁰ C and e range of 70-96% ection would be
•	m RH observed 56-			of 4 km per hou	r. Clear sky will
	of 22-28%. Rainfall	prevail during the	next five days.		
	past three days is	2			
00.0mm.	A .			e rainfall: 00.0 m	
Main Crop/	Stage	Cultural practi		ultural / Horticul	
Animal		Pest/ Disease	s /	husbandry advi	isories
/Fisheries					
Khasi	Vegetative/	1 × (the second se	e irrigation 10-15	•
Mandarin	Harvesting stage				mulch or paddy
			HUSK I		bout 8 cm. in the
		(Uasiii I		weed growth and
					of irrigations and
			also im	proves fruit qualit	у.
					110
			1		1 P a g e



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		Application of split dose of fertilizer 600:
		200:100 (g/pt).
		Apply micro-nutrients viz. zinc, copper,
		manganese, iron, boron and molybdenum
	\rightarrow	are required in ample quantities for
		and the second state and share and s
		KOLASIB disorders which may lead to decline of the
		whole orchard.
	(Apply Bordeaux mixture to the plant after
	2	pruning.
		Fruits are harvested when they attain full
		size, develop attractive colour with
	AMAMIT	optimum sugar and acid blend.
Oil plam	Vegetative/	 Provide irrigation 10-15 days internal.
On plain	Harvesting stage	AIZAWL Application of dry leaf mulch or paddy
	Haivesting stage	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:
		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
		LUNGLEI Visorders 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/	Provide irrigation 10-15 days internal.
	harvesting	Application of dry leaf mulch or paddy
		LAWNGTLAL
		SAIHA basin keeps down the weed growth and
		decreases the number of irrigations and
		also improves fruit quality.
		\downarrow \downarrow \downarrow \downarrow \downarrow Application of split dose of fertilizer 600:
		2 Page



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Pineapple	Vegetative stage	KOLASIB AIZAWIL SERCHHII	 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. 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. 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
		LUNCLEI	conservation.
Brinjal	Fruiting stage		 Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	• Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	• Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage	SAIHA	 Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per
		AN Y	3 P a g e
			5 1 ag c

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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	"End	 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 stageMAMIT	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	SERCHH	 Weeding in the toria plot. Provide irrigation in the field. Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage	LUNG Aphid	 Weeding in the pea plot. Provide irrigation in the field. In case of aphid infestation apply Imidachloprid 1.5ml/lt 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 LAWNGTLAI SAIHA	
		Leaf spot and leaf	at 10-15 DAS are effective.



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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly
	5	\sum	 intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation		 Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging
	AMAMIT	The	 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.
	MAMIT	AIZAWL O	 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_2B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
		M.N	2





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District: Lawngtalai

Period: 14-18	February,	2015
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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	KOIOASID	0	0	0
Max Temp (oC)	26	26	27	27	29
Min Temp (oC)	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 (Kmp	H) 4	4	5	4	4
*Wind Direction	S ELANIT	E	E	E	Е
	Northerly- N, Nort Southerly- S, Sout	h-Easterly- <mark>N-E</mark> , Ea h-Westerly- <mark>S-W</mark> , W			·
Kolasib- 0.00 (0.00	SOON- January 1-31, mm Kolasib- mm)	2015 (Percent of dev 0.00 mm 1 (0.00mm)	iation from norma Kolasib- 0.00 n (0.00n	ul in parenthesis) nm Kolas nm)	ib- 0.00 mm (0.00mm)
Serchhip-0.00 (0.001		p-0.00mm \$	Serchhip-0.00n (0.00m		hip-0.00mm
					(0.00mm)
	summary of the past Weather forecast valid from 14 th February, 2015 To 19 th three days				
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.					
Main Crop/	Stage	Cultural practic	ces/ Agric	ultural / Horticul	ltural/ animal
Animal		Pest/ Diseases	; [)	husbandry advi	isories
/Fisheries					
Khasi	Vegetative/		🖊 Provid	e irrigation 10-15	days internal.
Mandarin	Harvesting stage		Application of dry lea		•
		LAWNGTLAL	husk te		bout 8 cm. in the
		/ s/	STELLS 1		weed growth and
				-	of irrigations and
				proves fruit qualit	
		N N	17		1 P a g e



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			↓ Application of split dose of fertilizer 600:
			200:100 (g/pt).
			4 Apply micro-nutrients viz. zinc, copper,
		1	manganese, iron, boron and molybdenum
			are required in ample quantities for
		KOLASIB	supplying nutrients and also reduce serious
		, KULASIB	disorders which may lead to decline of the
		LA N	whole orchard.
	(3 4 /	4 Apply Bordeaux mixture to the plant after
	2		pruning.
	1		Fruits are harvested when they attain full
			size, develop attractive colour with
	A MAMIT		optimum sugar and acid blend.
Oil plam	Vegetative/		 Provide irrigation 10-15 days internal.
	Harvesting stage	AIZAWL C	Application of dry leaf mulch or paddy
	ind vesting stage		husk to a thickness of about 8 cm. in the
		5	basin keeps down the weed growth and
	5		decreases the number of irrigations and
) 🏊		also improves fruit quality.
			4 Application of split dose of fertilizer 600:
		SERCHHI	
			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
		LUNGLEI	whole orchard.
		_	Apply Bordeaux mixture to the plant after
	L L		pruning.
			Fruits are harvested when they attain full
			size, develop attractive colour with
			optimum sugar and acid blend.
Banana	Vegetative/		+ Provide irrigation 10-15 days internal.
	harvesting		Application of dry leaf mulch or paddy
			husk to a thickness of about 8 cm. in the
		/ SAIHA	basin keeps down the weed growth and
			decreases the number of irrigations and
		1 C	💫 also improves fruit quality.
		2 1 1 5	4 Application of split dose of fertilizer 600:
		V V T	2 P a g e



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

based on District wise Weather Forecast receiv Guwahati)



			200:100 (g/pt).
			\downarrow Apply micro-nutrients viz. zinc, copper,
		5	manganese, iron, boron and molybdenum
		1	are required in ample quantities for
		5	supplying nutrients and also reduce serious
		KOLASIB	disorders which may lead to decline of the
	L		whole orchard.
)	(A)	4 Pruning on a regular basis removes
	ς	2 1 (unwanted or suckers, keeps production
			mats in optimum condition, saves fertilizer,
			reduces pest and disease.
	l l		Fruits are harvested when they attain full
	/ MAMIT		size, develop attractive yellow colour.
Pineapple	Vegetative stage	AIZAWL O	Colocassia, yam, chilies, cabbage,
			cauliflower, sweet potato, pigeon pea,
			green gram, black gram, sesame, etc.
	<u> </u>		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.
		SERCHHI	Cover crops like sweet potato, etc., can also
			be grown to conserve soil moisture.
			4 Mulching with straw and other plant
	j j	N 100	materials is the technique for soil moisture
			conservation.
Brinjal	Fruiting stage	LUNGLEI	Weeding near the plant
J	0		Fertilizer application in split dose of
	L		recommended dose.
	,		4 Provide irrigation in the plant.
		Disease:	• Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
			disease.
		Pest:	Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cucurbitaceous	Fruiting stage	SAIHA	Provide irrigation every 7 days interval
crop			which will give better yield.
		l l l	4 In large gardens apply carbaryl 0.2 per
		V N N	
			3 P a g e

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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	"EL	 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 stageMAMIT	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	SERCHHI	 Weeding in the toria plot. Provide irrigation in the field. Top dressing with urea if available or apply cow dung.
Pea	Flowering Stage	LUNGAphid	 Weeding in the pea plot. Provide irrigation in the field. In case of aphid infestation apply Imidachloprid 1.5ml/lt 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 LAWNGTLAL SAIHA	 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	O Spraying Dithane M-45 @ 2.5g/litre of
		<u> </u>	4 P a g e

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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly
	5	\sum	 intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB	 Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging
		The second	 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.
	AMAMIT	AIZAWL O	 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_2B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
		Mr.	2





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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: Lunglei

Bulletin No: -492	2/2015/ Bulletin/	English	Date of	issue: 13 th Feb	oruary, 2015
Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	KOIOASIR	0	0	0
Max Temp (oC)	26	26	27	27	29
Min Temp (oC)	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 (Kmp	H) 4	4	4	4	4
*Wind Direction	S ELANIT	E	Е	E	E
	Southerly- S, Sout		esterly-W, North	-westerly- N-W.	
STATUS OF MONSOON- January 1-31, 2015 (Percent of deviation from normal in parenthesis)Kolasib- 0.00 mmKolasib- 0.00 mmKolasib- 0.00 mmKolasib- 0.00 mm(0.00mm)(0.00mm)(0.00mm)(0.00mm)					
(0.001		(0.00mm)	(0.00m		(0.00mm)
Weather sum	Weather summary of the past three days Weather forecast valid from 14 th February, 2015 To 19 th SERCHHIP 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.					ge for 26-29 ⁰ C and e range of 85-96% ald be easterly with vail during the next m
Main Crop/	Stage	Cultural practic		ultural / Horticu	
Animal		Pest/ Diseases		husbandry adv	isories
/Fisheries					
Khasi	Vegetative/		🖊 Provide	irrigation 10-15	days internal.
Mandarin	Harvesting stage	1	4 Applica	tion of dry leaf	f mulch or paddy
		LAWNGTLA	husk to		about 8 cm. in the
		/" SA			weed growth and
				-	of irrigations and
				proves fruit qualit	-
			1		1 P a g e



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

Guwahati)



			4 Application of split dose of fertilizer 600:
			200:100 (g/pt).
			4 Apply micro-nutrients viz. zinc, copper,
		1	manganese, iron, boron and molybdenum
			are required in ample quantities for
		KOLASIB	supplying nutrients and also reduce serious
		NOCASID >	disorders which may lead to decline of the
	}	Le V	whole orchard.
	(3 1	4 Apply Bordeaux mixture to the plant after
	1		pruning.
			Fruits are harvested when they attain full
			size, develop attractive colour with
	A MAMIT		optimum sugar and acid blend.
Oil plam	Vegetative/		 Provide irrigation 10-15 days internal.
	Harvesting stage	AIZAWL C	+ Application of dry leaf mulch or paddy
	Hui vesting stage	1	husk to a thickness of about 8 cm. in the
		ι (<u></u>	basin keeps down the weed growth and
	5		decreases the number of irrigations and
) 🔊		also improves fruit quality.
	\ <u>\</u>		Application of split dose of fertilizer 600:
		SERCHHI	
	l i i i i i i i i i i i i i i i i i i i		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
		LUNGLEI	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/		Provide irrigation 10-15 days internal.
	harvesting		Application of dry leaf mulch or paddy
	0		husk to a thickness of about 8 cm. in the
		- SAIHA	basin keeps down the weed growth and
			decreases the number of irrigations and
			also improves fruit quality.
		1221	$\stackrel{\frown}{=}$ Application of split dose of fertilizer 600:
L			2 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Pincapple Vegetative stage Pincapple Vegetative stage Pincapple Vegetative stage SERCHN SERCHN SERCHN SERCHN Brinjal Fruiting stage Brinjal Fruiting stage Brinjal Fruiting stage Brinjal Fruiting stage Objecase: 0 Seed treatment with captan, thiram or 0 Seed treatment with captan, thiram or				
Brinjal Fruiting stage Weeding near the plant Brinjal Fruiting stage Weeding near the plant Fertilizer application in split dose. Fertilizer application in the plant. Disease: Disease: Damping off- Seed treatment with captan, thiram or chlorothalonil will effectively control t disease. Cucurbitaceous crop Fruiting stage Fruiting stage SAIHA Provide irrigation every 7 days into which will give better yield.	Pineapple		AIZAWL	 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. 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.
Brinjal Fruiting stage Weeding near the plant Brinjal Fruiting stage Weeding near the plant Fruiting stage Fertilizer application in split dose recommended dose. Provide irrigation in the plant. Provide irrigation in the plant. Disease: Seed treatment with captan, thiram or chlorothalonil will effectively control the disease. Pest: Sulfur fungicides can be used to control this pest. Cucurbitaceous crop Fruiting stage SAIHA Provide irrigation every 7 days intervented with will give better yield.				materials is the technique for soil moisture
Herrilizer application in split dose Disease: Damping off- Damping off- Herrilizer application in the plant. Oseed treatment with captan, thiram or chlorothalonil will effectively control the disease. Herrilizer application every 7 days intervention Cucurbitaceous crop Fruiting stage SAIHA Herrilizer application every 7 days intervention Which will give better yield.			LUNGLEI	
Disease: • Seed treatment with captan, thiram or chlorothalonil will effectively control t disease. Damping off- • Seed treatment with captan, thiram or chlorothalonil will effectively control t disease. Description • Sulfur fungicides can be used to control this pest. Cucurbitaceous crop • Fruiting stage Fruiting stage • Salition • Provide irrigation every 7 days intervented with will give better yield.	Brinjal	Fruiting stage	a p	Fertilizer application in split dose of recommended dose.
Damping off- chlorothalonil will effectively control t Image: Cucurbitaceous crop Fruiting stage O Sulfur fungicides can be used to control this pest. Image: Cucurbitaceous crop Fruiting stage SAIHA Provide irrigation every 7 days intervented to which will give better yield.			Disease:	
Pest: Sulfur fungicides can be used to control Mites and hoppers- Sulfur fungicides can be used to control Cucurbitaceous Fruiting stage SAIHA Provide irrigation every 7 days into crop Mites and hoppers- SAIHA Provide irrigation every 7 days into				chlorothalonil will effectively control this
Mites and hoppers- this pest. Cucurbitaceous crop Fruiting stage SAIHA Provide irrigation every 7 days into which will give better yield.				
Cucurbitaceous crop Fruiting stage SAIHA Provide irrigation every 7 days into which will give better yield.				C
crop which will give better yield.	C	T:4::		
		Fruiting stage	SAIHA	which will give better yield.
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Mizoram Centre, Kolasib- 796081, MIZORAM

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



			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
		1	beetle.
		KOLADID	+ Provide split doses of urea (70g/pt) at the
			time of full blooming.
Okra	Sowing stage	LA V	Plough the field with the help of spade.
		13 A L	4 Sow 2 seed 45 X 45 cm spacing.
	2		4 Before sowing seed provide one or two
		2 2 1	irrigation.
Broccoli	Card formation		✤ Provide split dose of fertilizer to the plant
	stageMAMIT		(50 g/pt).
			+ Provide additional amount of irrigation to
	<u> </u>	AIZAWL C	the plant for formation of card.
		1 S S S S S S S S S S S S S S S S S S S	4 Reduce moisture less with intercrop with
			different legume like pea, lentil and gram.
	\ \		4 Sow one or two mustard line after every
	1 1 1		25 rows of broccoli.
Mustard and	Flowering stage		• Weeding in the toria plot.
toria	Sec.	SERCHHI	
			• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage		\checkmark Weeding in the pea plot.
			Provide irrigation in the field.
		LUNG Aphid	• In case of aphid infestation apply
			Imidachloprid 1.5ml/lt of water.
Tomato	Vegetative stage	Land preparation	★ Weeding near the plant
			\diamond Fertilizer application in split dose of
			recommended dose.
		(Sal	Provide irrigation to the plant.
		Damping off	Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LAWNGTLAL	✓ Drenching 1% Bordeaux mixture or 2 g
		SAIHA	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
			415
			4 P a g e

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		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly
	5		 intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation		 Clear the field during February-March and burn the weeds, stubbles, roots etc. in situ. Prepare the land by ploughing or digging
	AMAMIT	The second	 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.
	- {	AIZAWL	 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_2B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
		M N	2





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





2015

Period:, 14-18 February,

District: Mamit

Bulletin No: -492	2/2015/ Bulletin/	English	Date of	issue: 13th Feb	ruary, 2015
Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	KOLASIB	0	0	0
Max Temp (oC)	26	27	28	28	29
Min Temp (oC)	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 (Km	pH) 4	4	4	3	2
*Wind Direction	S-E	S-E	E	E	E
		h-Easterly- N-E, E			
STATUS OF MON	Southerly- <mark>S</mark> , South SOON- January 1-31,				
Kolasib- 0.00			Kolasib- 0.00 n		<mark>ib- 0.00 mm</mark>
(0.00		(0.00mm)	(0.00m		(0.00mm)
Serchhip-0.00			Serchhip-0.00n		hip-0.00mm
(0.00		(0.00mm)	(0.00m		(0.00mm)
Weather sum	mary of the past	Weather fore	cast valid from	14 th February	2015 To 19 th
Weather summary of the past three days Weather forecast valid from 14 th February, 2015 To 19 SERCHHIP February, 2015.				, 2010 10 17	
There is no chance of rainfall during the next 5 day. The maximum inimum temperatures for the next 5 days may range for 26-29 12°C. Maximum relative humidity is expected in the range of 7 and minimum may from 20-24%. Wind direction wou southeasterly with the wind speed of 2-4 km per hour. Clear shared by prevail during the next five days.				e for 26-29 ⁰ C an e range of 76-979 ection would b	
		<u> </u>		· · · · · · · · · · · · · · · · · · ·	
Main Crop/	Stage	Cultural practic		<u>e rainfall:</u> 00.0 m ultural / Horticul	
Animal	Blage	Pest/ Diseases		husbandry advi	
/Fisheries		I CSU DISCUSCS	1	nusbanui y auvi	1901109
Khasi	Vegetative/		Duovid.	imization 10 15	dava internal
	0		and the second se	e irrigation 10-15	•
Mandarin	Harvesting stage			ation of dry leaf	
			N I I I N	b a thickness of a	
			Uasiii I	keeps down the	ē
				ses the number	
			🔜 🗌 🗹 also im	proves fruit qualit	у.
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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD,

Guwahati)



		\frown 4 Application of s	plit dose of fertilizer 600:
		200:100 (g/pt).	
		Apply micro-nu	trients viz. zinc, copper,
			, boron and molybdenum
			n ample quantities for
			nts and also reduce serious
			may lead to decline of the
		whole orchard.	
	(mixture to the plant after
	2	pruning.	minitare to the plant after
			sted when they attain full
			attractive colour with
	AMAMIT	optimum sugar a	
Oil plam	Vegetative/	·	n 10-15 days internal.
On plain	Harvesting stage		dry leaf mulch or paddy
	Haivesting stage		less of about 8 cm. in the
			wn the weed growth and
			umber of irrigations and
		also improves fru	
	L		plit dose of fertilizer 600:
		SERCHHIP 200:100 (g/pt).	phi dose of fertilizer ooo.
			trients viz. zinc, copper,
			, boron and molybdenum
			n ample quantities for
			nts and also reduce serious
		disorders which	may lead to decline of the
		LUNGLE / whole orchard.	may read to decline of the
			mixture to the plant after
		pruning.	mixture to the plant after
			sted when they attain full
			attractive colour with
		optimum sugar a	
Banana	Vegetative/		n 10-15 days internal.
2 ununu	harvesting		dry leaf mulch or paddy
			less of about 8 cm. in the
			wn the weed growth and
			umber of irrigations and
		also improves fr	-
			plit dose of fertilizer 600:
۲	1		2 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION

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

basea on District wise weather Porecast receiv Guwahati)



Pineapple	Vegetative stage	KOLASIB	 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. 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. 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
		LUNCLEI	conservation.
Brinjal	Fruiting stage		 Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	• Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	• Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage	SAIHA	 Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per
		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	2 - D
			3 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



			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
		1 3	beetle.
		KOLACID	♣ Provide split doses of urea (70g/pt) at the
			time of full blooming.
Okra	Sowing stage	W. Y	+ Plough the field with the help of spade.
		3 1	4 Sow 2 seed 45 X 45 cm spacing.
	1		4 Before sowing seed provide one or two
	1	1 2 3	irrigation.
Broccoli	Card formation		+ Provide split dose of fertilizer to the plant
	stageMAMIT		(50 g/pt).
	ζ.		+ Provide additional amount of irrigation to
	5	AIZAWL	the plant for formation of card.
		- S	4 Reduce moisture less with intercrop with
	1		different legume like pea, lentil and gram.
			4 Sow one or two mustard line after every
			25 rows of broccoli.
Mustard and	Flowering stage		\circ Weeding in the toria plot.
toria		SERCHHI	$P \circ$ Provide irrigation in the field.
			• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage		\checkmark Weeding in the pea plot.
			Provide irrigation in the field.
		LUNG Aphid	• In case of aphid infestation apply
	2		Imidachloprid 1.5ml/lt of water.
Tomato	Vegetative stage	Land preparation	↓ Weeding near the plant
		n (~~	◆ Fertilizer application in split dose of
			recommended dose.
		1 Sal	 Provide irrigation to the plant.
		Damping off	Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LAWNGTLAL	\checkmark Drenching 1% Bordeaux mixture or 2 g
		SAIHA	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
		\sim	
			4 P a g e



ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly
	5		 intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB	 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
	MAMIT	AIZAWL	 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 gr <mark>oup</mark>	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_2B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
		Mr.	2





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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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					ruary, 2015
Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	0	KOIOASIB	0	0	0
Max Temp (oC)	24	24	25	26	27
Min Temp (oC)	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 (Kmp	pH) 4	4	4	4	4
*Wind Direction	S ELANIT	E	E	E	E
	Northerly- N, Nort				
	Southerly- S, South				
	SOON- January 1-31,				
Kolasib- 0.00			Kolasib- 0.00 n		ib- 0.00 mm
(0.00	· · · · · · · · · · · · · · · · · · ·	(0.00mm)	(0.00m		(0.00mm)
Serchhip-0.00			Serchhip-0.00n		hip-0.00mm
(0.001		(0.00mm) (0.00mm) (0.00mm) Weather forecast valid from 14 th February, 2015 To 19 th			
	mary of the past				7, 2015 To 19 th
thre	e days 🛛 🚩	SERCHHIP 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 $24-27^{\circ}$ 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.			
		<u>\</u>	Veekly cumulative	e rainfall: 00.0 m	m
Main Crop/	Stage	Cultural practic	es/ <mark>\ Agric</mark>	ultural / Horticul	tural/ animal
Animal		Pest/ Diseases	; [)	husbandry advi	isories
/Fisheries					
Khasi	Vegetative/		🖊 Provide	e irrigation 10-15	days internal.
Mandarin	Harvesting stage	1	4 Applic	ation of dry leaf	mulch or paddy
		LAWNGTLAL	husk to	o a thickness of a	
		(S/	AIHA basin l	keeps down the	weed growth and
				ses the number	
				proves fruit qualit	
	1			_	
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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)



		Application of split dose of fertilizer	600:
		200:100 (g/pt).	
		Apply micro-nutrients viz. zinc, co	pper,
		manganese, iron, boron and molybde	
		are required in ample quantities	
		KOLASIB	
		disorders which may lead to decline of	
		whole orchard.	
	(Apply Bordeaux mixture to the plant	after
	2	pruning.	unter
		Fruits are harvested when they attain	ı full
		size, develop attractive colour	
	AMAMIT	optimum sugar and acid blend.	witti
Oil plam	Vegetative/	 Provide irrigation 10-15 days internal. 	
On plain	Harvesting stage	AIZAWL Application of dry leaf mulch or p	whee
	Haivesting stage	husk to a thickness of about 8 cm. ii	
		basin keeps down the weed growth	
		decreases the number of irrigations	
		also improves fruit quality.	anu
	L	Application of split dose of fertilizer	600.
		SERCHHIP 200:100 (g/pt).	000.
		Apply micro-nutrients viz. zinc, co	nner
		manganese, iron, boron and molybde	
		are required in ample quantities	
		supplying nutrients and also reduce se	
		disorders which may lead to decline of	
		LUNGLEI whole orchard.	'i the
		Apply Bordeaux mixture to the plant	after
		pruning.	anoi
		Fruits are harvested when they attain	ı full
		size, develop attractive colour	
		optimum sugar and acid blend.	vv 1011
Banana	Vegetative/	Provide irrigation 10-15 days internal.	
2 ununu	harvesting	Application of dry leaf mulch or p	addv
		LAWNGTLAL	
		SAIHA basin keeps down the weed growth	
		also improves fruit quality.	
		Application of split dose of fertilizer	600:
۲	1	2 P a	



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basea on District wise weather Porecast recei Guwahati)



Pineapple	Vegetative stage	KOLASIB	green gram, black gram, sesame, etc. intercrop with pine apple which give additional income to farmer.
	P	SERCHHI	 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.
			Hulching with straw and other plant materials is the technique for soil moisture conservation.
Brinjal	Fruiting stage	A C	 Weeding near the plant Fertilizer application in split dose of recommended dose. Provide irrigation in the plant.
		Disease: Damping off-	• Seed treatment with captan, thiram or chlorothalonil will effectively control this disease.
		Pest: Mites and hoppers-	• Sulfur fungicides can be used to control this pest.
Cucurbitaceous crop	Fruiting stage	SAIHA	 Provide irrigation every 7 days interval which will give better yield. In large gardens apply carbaryl 0.2 per
		r A p	3 P a g e



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Mizoram Centre, Kolasib- 796081, MIZORAM

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			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.
		KOLASIB	+ Provide split doses of urea (70g/pt) at the
			time of full blooming.
Okra	Sowing stage	(A)	Plough the field with the help of spade.
	ι (1 1	Sow 2 seed 45 X 45 cm spacing.
	1		4 Before sowing seed provide one or two
			irrigation.
Broccoli	Card formation		Provide split dose of fertilizer to the plant
	stage		(50 g/pt).
	5	AIZAWL	+ Provide additional amount of irrigation to
			the plant for formation of card.
	1		4 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	Flowering stage		• Weeding in the toria plot.
toria		SERCHH	C
			• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage		✓ Weeding in the pea plot.
		Anhid	 Provide irrigation in the field. In case of aphid infestation apply
		LUNGAPhid	• In case of aphid infestation apply Imidachloprid 1.5ml/lt of water.
Tomato	Vegetative stage	Land preparation	Weeding near the plant
Tomato		Land preparation	\Rightarrow 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
		SAIHA	1 11 7
			at 10-15 DAS are effective.
		Leaf spot and leaf	Spraying Dithane M-45 @ 2.5g/litre of
			4 P a g e

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



		blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly
	5	\sum	 intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation		 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
	AMMIT	AIZAWL	 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_2B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
		Mr.	2





ICAR RESEARCH COMPLEX FOR NEH REGION

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

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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)



Period:

14-18



2015

February,

District: Aizawl

S	S-E Northerly- N, Nort outherly- <mark>S</mark> , South	15.02.2015 0 26 12 Clear sky -93 25 4 S-E h-Easterly- N-E, E h-Westerly- S-W, W			18.02.2015 0 28 12 Clear sky 96 22 4 E
Max Temp (oC) Min Temp (oC) Cloud Coverage Max RH (%) Min RH (%) Wind Speed (KmpH) *Wind Direction	26 12 Clear sky 70 23 4 S-E Northerly- N, Nort outherly- S, South	26 12 Clear sky 93 25 4 S-E h-Easterly- N-E, E	26 12 Clear sky 88 22 4 E asterly- E , South	27 12 Clear sky 91 23 4 E -Easterly- S-E ,	28 12 Clear sky 96 22 4
Min Temp (oC) Cloud Coverage Max RH (%) Min RH (%) Wind Speed (KmpH) *Wind Direction	12 Clear sky 70 23 4 S-E Northerly- N, Nort outherly- S, South	26 12 Clear sky 93 25 4 S-E h-Easterly- N-E, E	12 Clear sky 88 22 4 E asterly- E, South	12 Clear sky 91 23 4 E E -Easterly- S-E ,	12 Clear sky 96 22 4
Cloud Coverage Max RH (%) Min RH (%) Wind Speed (KmpH) *Wind Direction	Clear sky 70 23 4 S-E Northerly- N, Nort outherly- S, South	Clear sky 93 25 4 S-E h-Easterly- N-E, E	Clear sky 88 22 4 E asterly- E, South	Clear sky 91 23 4 E -Easterly- S-E,	Clear sky 96 22 4
Max RH (%) Min RH (%) Wind Speed (KmpH) *Wind Direction	70 23 4 S-E Northerly- N, Nort outherly- <mark>S</mark> , South	93 25 4 S-E h-Easterly- N-E, E	88 22 4 E asterly- E, South	91 23 4 E -Easterly- S-E,	96 22 4
Min RH (%) Wind Speed (KmpH) *Wind Direction	23 4 S-E Northerly- <mark>N</mark> , Nort outherly- <mark>S</mark> , South	25 4 S-E h-Easterly- <u>N-E</u>, E	22 4 E asterly- E, South	23 4 E - Easterly- S-E ,	22 4
Wind Speed (KmpH) *Wind Direction	4 S-E Northerly- <mark>N</mark> , Nort outherly- <mark>S</mark> , South	4 S-E h-Easterly- N-E, E	4 E asterly- E, South	4 E I- Easterly - S-E,	4
*Wind Direction	S-E Northerly- N, Nort outherly- <mark>S</mark> , South	S-E h-Easterly- N-E, E	E asterly- E, South	E - Easterly- <mark>S-E</mark>,	
I Se	Northerly- <mark>N</mark> , Nort outherly- <mark>S</mark> , Soutl	h-Easterly- N-E, E	asterly- E, South	-Easterly- <mark>S-E</mark> ,	E
S	outherly- <mark>S</mark> , Soutl				
		1-Westerly- <mark>S-W</mark> . W			
	ON- January 1-31.				
		2015 (Percent of dev			
Kolasib- 0.00 mr			Kolasib- 0.00 m		ib- 0.00 mm
(0.00mr	•	(0.00mm)	(0.00m		(0.00mm)
Serchhip-0.00m	· · · · · · · · · · · · · · · · · · ·		Serchhip-0.00m		hip-0.00mm
			(0.00m		(0.00mm)
Weather summary of the past Weather forecast valid from 14 th February, 2015 To 19				, 2015 To 19 th	
three days SERCHHIP February, 2015.			ry, 2015.		
There is no chance of rainfall during the next 5 day. The maximum minimum temperatures for the next 5 days may range for 26-28 ^o C 12 ^o C. Maximum relative humidity is expected in the range of 70-9 and minimum may from 22-25%. Wind direction would southeasterly with the wind speed of 4 km per hour. Partially closely will prevail during the next five days.					e for 26-28 ⁰ C and range of 70-96% ction would be Partially cloudy n
Main Crop/	Stage	Cultural praction	ces/ Agric	ultural / Horticul	tural/ animal
Animal	J	Pest/ Diseases		husbandry advi	
/Fisheries		$() \vee$	16	·	
Khasi	Vegetative/		🔰 Provide	e irrigation 10-15 d	lays internal.
	Iarvesting stage			•	mulch or paddy
		LAWNGTLAL			bout 8 cm. in the
		/ S/	N I I I I I I I I I I I I I I I I I I I		weed growth and
			Odsiii F	-	of irrigations and
			and the second sec	proves fruit quality	U U
		201		proves nun qualit	у.
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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)



		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
		KOLASIB
		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
	J	size, develop attractive colour with
	A MAMIT	optimum sugar and acid blend.
Oil plam	Vegetative/	Provide irrigation 10-15 days internal
	Harvesting stage	AIZAWL Application of dry leaf mulch or paddy
	8 8	husk to a thickness of about 8 cm. in the
	5	basin keeps down the weed growth and
		decreases the number of irrigations and
		also improves fruit quality.
		Application of split dose of fertilizer 600:
		SERCHHIP 200:100 (g/pt).
	1	Apply micro-nutrients viz. zinc, copper,
		manganese, iron, boron and molybdenum
		are required in ample quantities for
		supplying nutrients and also reduce serious
		LUNGLEI 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/	Provide irrigation 10-15 days internal.
	harvesting	Application of dry leaf mulch or paddy
		husk to a thickness of about 8 cm. in the
		SAIHA 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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			200:100 (g/pt). ♣ Apply micro-nutrients viz. zinc, copper,
			manganese, iron, boron and molybdenum
	5		are required in ample quantities for
		<pre></pre>	supplying nutrients and also reduce serious
		KOLASIB	disorders which may lead to decline of the
			whole orchard.
)	W. Y	4 Pruning on a regular basis removes
	(1 1	unwanted or suckers, keeps production
	()		mats in optimum condition, saves fertilizer,
			reduces pest and disease.
			4 Fruits are harvested when they attain full
	A MAMIT		size, develop attractive yellow colour.
Pineapple	Vegetative stage	AIZAWL	+ Colocassia, yam, chilies, cabbage,
	<u> </u>	S ALLANTE O	cauliflower, sweet potato, pigeon pea,
	1 N N		green gram, black gram, sesame, etc.
	λ.		intercrop with pine apple which give
			additional income to farmer.
	- (p	\sim γ γ	+ Pineapple plants should be irrigated with
			five or six irrigations during the dry months
		SERCHHI	-
			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
Dwinial	Emiting stops	LUNGLEI	Conservation.
Brinjal	Fruiting stage		 Weeding near the plant Fertilizer application in split dose of
		- 5~	recommended dose.
		A A	 Provide irrigation in the plant.
		Disease:	• Seed treatment with captan, thiram or
		Damping off-	chlorothalonil will effectively control this
			disease.
		Pest:	• Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cucurbitaceous	Fruiting stage	/ SAIHA	Provide irrigation every 7 days interval
crop			which will give better yield.
-		0	🔸 In large gardens apply carbaryl 0.2 per
		2 1 1 5	<u> </u>
			3 P a g e

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



			cent or malathion 0.15 per cent suspension
			containing sugar or jaggery at 10 g/l at
			fortnightly intervals at flowering and fruit
		1	initiation against fruit fly and pumpkin
		1	beetle.
		KOLASIB	♣ Provide split doses of urea (70g/pt) at the
		KULASIB	time of full blooming.
Okra	Sowing stage	LA Y	4 Plough the field with the help of spade.
		3 1	Sow 2 seed 45 X 45 cm spacing.
	1		4 Before sowing seed provide one or two
	1	221	irrigation.
Broccoli	Card formation		♣ Provide split dose of fertilizer to the plant
	stageMAMIT		(50 g/pt).
	ι ζ	AIZAWL	4 Provide additional amount of irrigation to
	1	CAICAVIL	the plant for formation of card.
			4 Reduce moisture less with intercrop with
			different legume like pea, lentil and gram.
	1		Sow one or two mustard line after every
	1 1		25 rows of broccoli.
Mustard and	Flowering stage		• Weeding in the toria plot.
toria		SERCHHI	P o Provide irrigation in the field.
			• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage		\checkmark Weeding in the pea plot.
			Provide irrigation in the field.
		LUNG Aphid	• In case of aphid infestation apply
			Imidachloprid 1.5ml/lt of water.
Tomato	Vegetative stage	Land preparation	✓ ♦ Weeding near the plant
			\uparrow \diamond Fertilizer application in split dose of
			recommended dose.
		1 SAL	Provide irrigation to the plant.
		Damping off	Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LAWNGTLAL	\checkmark Drenching 1% Bordeaux mixture or 2 g
		SAIHA	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
		\sim	
			4 P a g e



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Ginger and turmeric Land preparation FOLASIE Spraying of Blitox @ 3 g/l of water v found effective against leaf spot. Ginger and turmeric Land preparation FOLASIE Clear the field during February-March a burn the weeds, stubbles, roots etc. in sit Prepare the land by ploughing or diggiby spade. Prepare beds of convenient length (acret the slope where the land is undulating) m width, 25 cm height with 40 cm space between the beds. Pig All stages Porcine Respiratory Syndrome (PRRS). Syndrome (PRRS). Swine fever. 2. Vaccination of pigs with SF vaccines a months and yearly interval/6 month interval/6 month interval/6 month interval/6 month interval/6 month or above in the slope. Cattle All age group Foot and Mouth Disease (FMD) P Black Quarter (BQ) Young stage Black Quarter (BQ) Black Quarter Vaccine (BQV).			blotch	water or Bavistin @ 1g/litre of water, 2-3
Ginger and turmeric Land preparation FOLASIB Clear the field during February-March a burn the weeds, stubbles, roots etc. in sit Ginger and turmeric Hand preparation FOLASIB Clear the field during February-March a burn the weeds, stubbles, roots etc. in sit MAMIT Prepare the land by ploughing or diggination burn the weeds, stubbles, roots etc. in sit Prepare the land by ploughing or diggination of the slope where the land is undulating) m width, 25 cm height with 40 cm space between the beds. Prig All stages Porcine Reproductive Respiratory Syndrome (PRRS). Syndrome (PRRS). Serection Cattle All age group Foot and Mouth Disease (FMD) Young stage Black Quarter (BQ) Young stage Black Quarter (BQ) Poultry Adult stage Ranikhet Disease.				sprayings should be given forthnightly
Ginger and turmeric Land preparation FOLASIB Clear the field during February-March a burn the weeds, stubbles, roots etc. in si 9 Prepare the land by ploughing or diggi by spade. MAMIT Prepare beds of convenient length (acre the slope where the land is undulating) m width, 25 cm height with 40 cm space between the beds. Prig All stages Porcine Reproductive Respiratory Syndrome (PRRS). Adult stage Swine fever. Young stage Foot and Mouth Disease (FMD) Young stage Black Quarter (BQ) Young stage Ranikhet Disease. Poultry Adult stage				intervals.
Ginger and turmeric Land preparation KOLASIB Clear the field during February-March a burn the weeds, stubbles, roots etc. in sit Prepare the land by ploughing or diggi by spade. MAMIT MAMIT Prepare the land by ploughing or diggi by spade. Prepare the land by ploughing or diggi by spade. Prig All stages Porcine Reproductive Respiratory Syndrome (PRRS). Provide drainage channels, one for ever 25 beds on flat lands Pig Adult stage Swine fever. 2. Vaccination of pigs with SF vaccines a months and yearly interval/6 month interv box Cattle All age group Foot and Mouth Disease (FMD) 2. Vaccination of pigs with SF vaccines a 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 vaccine for adult birds.			1	
turmeric Image: Second Sec			F 5	<u> </u>
Pig All stages Porcine Reproductive Reproductive Provide drainage channels, one for ever 25 beds on flat lands 1. Culling of positive pigs or piglets. Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). Swine fever. 2. Vaccination of pigs with SF vaccines a months and yearly interval/6 month interv Cattle All age group Foot and Mouth Disease (FMD) Young stage Black Quarter (BQ) • FMD vaccine at 16 week and repeat every month. Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.		Land preparation	KOLASIB	4 Clear the field during February-March and
MAMIT MAMIT by spade. MAMIT Prepare beds of convenient length (acret the slope where the land is undulating) m width, 25 cm height with 40 cm space between the beds. Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). Syndrome (PRRS). Swine fever. Cattle All age group Foot and Mouth Disease (FMD) Young stage Black Quarter (BQ) Young stage Black Quarter (BQ) Poultry Adult stage	turmeric			
Pig All stages Porcine Image: Constructive response of the stage of the)	(A)	
MAMIT MAMIT the slope where the land is undulating) m width, 25 cm height with 40 cm space between the beds. Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). Provide drainage channels, one for evore 25 beds on flat lands Adult stage Swine fever. 2. Vaccination of pigs with SF vaccines at months and yearly interval/6 month interv		5		
MAMIT m width, 25 cm height with 40 cm space between the beds. Pig All stages Porcine Reproductive Reproductive 1. Culling of positive pigs or piglets. Syndrome (PRRS). Swine fever. 2. Vaccination of pigs with SF vaccines a months and yearly interval/6 month interver between the beds. Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every 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 vaccine for adult birds.		1	5 6 1	
MAMIT between the beds. Pig All stages Porcine Reproductive Respiratory Provide drainage channels, one for eva 25 beds on flat lands Pig All stages Porcine Reproductive Respiratory 1. Culling of positive pigs or piglets. Adult stage Swine fever. 2. Vaccination of pigs with SF vaccines at months and yearly interval/6 month interv Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Young stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). * Primary vaccination 6 month or above * Revaccination annually • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.				
Pig All stages Porcine Reproductive Respiratory Syndrome (PRRS). Porcine of positive pigs or piglets. Adult stage Swine fever. 2. Vaccination of pigs with SF vaccines at months and yearly interval/6 month interv bisease (FMD) Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Young stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.				
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 a months and yearly interval/6 month interv Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Voung stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.		/ MAMIT		
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 a months and yearly interval/6 month interv Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Young stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.		1 2	AIZAWL	
Reproductive Respiratory Syndrome (PRRS). Reproductive Respiratory Syndrome (PRRS). Adult stage Swine fever. 2. Vaccination of pigs with SF vaccines at months and yearly interval/6 month interv months and yearly interval/6 month interv month. Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Voung stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.	D:a	All stages	Domino	
Respiratory Syndrome (PRRS). Respiratory Syndrome (PRRS). Adult stage Swine fever. 2. Vaccination of pigs with SF vaccines at months and yearly interval/6 month interv Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Voung stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). • Primary vaccination 6 month or above • Revaccination annually • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.	rig	All stages		1. Cutting of positive pigs of piglets.
Adult stage Syndrome (PRRS). Adult stage Swine fever. 2. Vaccination of pigs with SF vaccines at months and yearly interval/6 month interval/6 month interval/6 month interval/6 month interval/6 month interval/6 month interval/6 month. Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Voung stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.		1 K	-	
Adult stageSwine fever.2. Vaccination of pigs with SF vaccines at months and yearly interval/6 month intervCattleAll age groupFoot and Mouth Disease (FMD)• FMD vaccine at 16 week and repeat every month.Young stageBlack Quarter (BQ)• Black Quarter Vaccine (BQV). • Primary vaccination 6 month or above • Revaccination annuallyPoultryAdult stageRanikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.				
Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Voung stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.		Adult stage		2. Vaccination of pigs with SF vaccines at 2
Cattle All age group Foot and Mouth Disease (FMD) • FMD vaccine at 16 week and repeat every month. Young stage Black Quarter (BQ) • Black Quarter Vaccine (BQV). Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.				
Disease (FMD) 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 vaccine for adult birds.	Cattle	All age group		
Poultry Adult stage Ranikhet Disease. Primary vaccination 6 month or above Poultry Adult stage Ranikhet Disease. F1 vaccine at (1-6) days of birth and R vaccine for adult birds.			Disease (FMD)	
Poultry Adult stage Ranikhet Disease. Primary vaccination 6 month or above Poultry Adult stage Ranikhet Disease. F1 vaccine at (1-6) days of birth and R vaccine for adult birds.		Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
Poultry Adult stage Ranikhet Disease. • F1 vaccine at (1-6) days of birth and R vaccine for adult birds.				Primary vaccination 6 month or above
vaccine for adult birds.			LUNGLE	Revaccination annually
	Poultry	Adult stage		• F1 vaccine at (1-6) days of birth and R_2B
Early stage Coccidiosis 1. Amprolium or coccidiostat			<u>S.</u>	vaccine for adult birds.
		Early stage	Coccidiosis	1. Amprolium or coccidiostat
			M	>



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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)



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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)

Period:

14-18



2015

February,

District: Aizawl

Parameters	14.02.2015	15.02.2015	16.02.2015	17.02.2015	18.02.2015
Rainfall (mm)	14.02.2015	13.02.2013	0	0	0
Max Temp (oC)	24		24	24	26
Min Temp (oC)	9	9	9	9	20
Cloud Coverage	-	ALC: NOT THE REAL PROPERTY OF	_	-	-
	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 (Kmj		4	4	4	4
*Wind Direction	S-E	S-E	S-E	S-E	S-E
	Northerly- N, Nort Southerly- S, South				
STATUS OF MON	SOON- January 1-31,				
Kolasib- 0.00			Kolasib- 0.00 m		ib- 0.00 mm
(0.00		(0.00mm)	(0.00 m		(0.00mm)
Serchhip-0.00	· · · · · · · · · · · · · · · · · · ·		Serchhip-0.00m		hip-0.00mm
		(0.00mm)	(0.00m		(0.00mm)
Weather summary of the past Weather forecast valid from 14 th February, 2015 To				, 2015 10 19	
thre	e days 🛛 🚩	<pre>SER</pre>	CHHIP Februa i	ry, 2015.	
		There is no chance	e of rainfall during	g the next 5 day.	The maximum an
		minimum tempera	tures for the next	5 days may rang	e for 24-26 ⁰ C an
		9 ⁰ C. Maximum re			
		and minimum		1	U
		southeasterly with			
	>	prevail during the		or thin per nou	in clour sky wi
			next five duys.		
	L		Veely aumulating	e rainfall: 00.0 mr	~
Main Crop/	Stage	Cultural practi		ultural / Horticul	
-	Stage				
Animal		Pest/ Diseases	s /	husbandry advi	sories
/Fisheries					
Khasi	Vegetative/	1 × (e irrigation 10-15 d	•
Mandarin	Harvesting stage	LAWNGTLAL		ation of dry leaf	
			5 I I I S	o a thickness of a	
		(5)		keeps down the	•
			decreas	ses the number of	of irrigations an
				proves fruit qualit	
				• • •	-
			1		1 Page



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

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		Application of split dose of fertilizer	600:
		200:100 (g/pt).	
		Apply micro-nutrients viz. zinc, co	pper,
		manganese, iron, boron and molybde	enum
		are required in ample quantities	
		KOLASIB	
		disorders which may lead to decline of	
	}	whole orchard.	
	(Apply Bordeaux mixture to the plant	after
	(pruning.	
	(Fruits are harvested when they attain	ı full
		size, develop attractive colour	
	A MAMIT	optimum sugar and acid blend.	
Oil plam	Vegetative/	Provide irrigation 10-15 days internal	
• • • • •	Harvesting stage	AIZAWL Application of dry leaf mulch or p	oaddv
		husk to a thickness of about 8 cm. it	
		basin keeps down the weed growth	
	S	decreases the number of irrigations	
) 🏊	also improves fruit quality.	
		Application of split dose of fertilizer	600:
		SERCHHIP 200:100 (g/pt).	
		Apply micro-nutrients viz. zinc, co	pper.
		manganese, iron, boron and molybde	
		are required in ample quantities	
		supplying nutrients and also reduce se	
		disorders which may lead to decline c	
		LUNGLEI Kusorders which may lead to deeline of whole orchard.	
		Apply Bordeaux mixture to the plant	after
		pruning.	
	1	Fruits are harvested when they attain	ı full
		size, develop attractive colour	
		optimum sugar and acid blend.	
Banana	Vegetative/	Provide irrigation 10-15 days internal.	
	harvesting	Application of dry leaf mulch or p	addy
		husk to a thickness of about 8 cm. i	
		SAIHA basin keeps down the weed growth	
		decreases the number of irrigations	and
		also improves fruit quality.	
		Application of split dose of fertilizer	600:
		2 P a	ge



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asea on instrict wise weather Porecast recei Guwahati)



Pineapple	Vegetative stage	KOLASIB	 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. 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. 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
D · · · I		LUNGLEI	conservation.
Brinjal	Fruiting stage		Weeding near the plant
		S	Fertilizer application in split dose of
		A ST	recommended dose.
		Disease:	 Provide irrigation in the plant. Seed treatment with captan, thiram or
		Disease: Damping off-	chlorothalonil will effectively control this
		Dumping on-	disease.
		Pest:	• Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cucurbitaceous	Fruiting stage	SAIHA	 Provide irrigation every 7 days interval
crop			which will give better yield.
- F		0	4 In large gardens apply carbaryl 0.2 per
	·	2015	
			3 P a g e



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			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
	1 1	1	beetle.
			♣ Provide split doses of urea (70g/pt) at the
		KOLASIB	time of full blooming.
Okra	Sowing stage	LA Y	Plough the field with the help of spade.
		13 A L	Sow 2 seed 45 X 45 cm spacing.
			4 Before sowing seed provide one or two
	1	1 2 2 1	irrigation.
Broccoli C	Card formation		+ Provide split dose of fertilizer to the plant
	stageMAMIT		(50 g/pt).
		AIZAWL	+ Provide additional amount of irrigation to
	- N	CALAWE	the plant for formation of card.
	- Y	() () () () () () () () () ()	4 Reduce moisture less with intercrop with
	1		different legume like pea, lentil and gram.
			4 Sow one or two mustard line after every
			25 rows of broccoli.
	lowering stage		\circ Weeding in the toria plot.
toria		SERCHHI	C
			• Top dressing with urea if available or apply
			cow dung.
Pea F	lowering S <mark>tage</mark>		\checkmark Weeding in the pea plot.
			Provide irrigation in the field.
		LUNGAphid	• In case of aphid infestation apply
			Imidachloprid 1.5ml/lt of water.
Tomato V	egetative stage	Land preparation	• Weeding near the plant
		A 1 ~	\bullet Fertilizer application in split dose of
			recommended dose.
		Density of	 Provide irrigation to the plant.
		Damping off	Seed treatment with thiram 3g/kg seed or
		Y I	Trichoderma viride $4g$ + metalaxyl $4g$
			 ✓ (Apron)/ kg seed ✓ Drenching 1% Bordeaux mixture or 2 g
		SAIHA	captan or 3 copper oxychloride/ lt of water
			- at 10-15 DAS are effective.
		Leaf spot and leaf	
		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 forthnightly
	5	\sum	 intervals. Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.
Ginger and turmeric	Land preparation	KOLASIB	 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
	AMMIT	AIZAWL	 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_2B vaccine for adult birds.
	Early stage	Coccidiosis	1. Amprolium or coccidiostat
		M.N	2



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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)



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