

#### ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



strict: Kolasib **Period:** 07 - 11, February, 2015

Bulletin No: -490/2015/ Bulletin/English

Date of issue: 06th February, 2015

<b>Parameters</b>	07.02.2015	08.02.2015	09.02.2015	10.02.2015	11.02.2015
Rainfall (mm)	0	VAOLEID	0	0	0
Max Temp (oC)	26	26	27	27	27
Min Temp (oC)	5	<u>, 5</u>	6	8	10
Cloud Coverage	Mainly cloudy	Ma <mark>inly cloudy</mark>	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	97	97	84	94	75
Min RH (%)	22	21	21	22	24
Wind Speed (KmpH)	4	2	4	4	4
*Wind Direction	S-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 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 summary of the past three days

The temperature range for maximum and minimum were 23.1-26.4°C and 13.0-16.0°C respectively. Clear sky was observed. Wind direction is easterly. Maximum RH observed 61-75% & minimum of 25-34%. Rainfall recorded for the past three days is

Weather forecast valid from 07th February, 2015 To 11th 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 26-27°C and 5-10°C. Maximum relative humidity is expected in the range of 75-97% and minimum may from 21-24%. Wind direction would be southeasterly with the wind speed of 2-4 km per hour. Dense cloudy will prevail during the next five days.

#### Weekly cumulative rainfall: 00.0 mm 00.0mm.

Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Khasi Mandarin	Vegetative stage	Canker LAWNGTLAL SAIHA	<ul> <li>Prune the diseased and dead twigs.</li> <li>Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed.</li> <li>For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.</li> </ul>

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			• Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting		✓ Remove water sucker, keep 1 or 2 plants in a single place.
	nai vesting	KOLASIB	✓ Remove sword sucker and use it as new planting material.
	5	hy 5	✓ Provide irrigation to the base of the plant. ✓ Fertilizer application in split dose of
	}	£4 (	recommended dose.  ✓ Harvest fruits when the flower tips of the fruit dehiscent.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and loosen up the soil.
	\$	AIZAVIL C	o Remove slips and use it as a new planting material.
	Ì		<ul> <li>Sucker dipping treatment with Bavistin @</li> <li>3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and</li> </ul>
	10	~ } / ~	insect.  • Weeding and intercultural operation.
		SERCHHI	
Cucurbits	Vegetative stage	V	Land is ploughed to a fine tilth and pits of 60 cm diameter and 30-45cm depth are made at a spacing of 2.0-2.5x 2.0-2.5 m, 2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for
		LUNGLEI	pumpkin, bottle gourd cucumber respectively. Well rotten FYM should be
	1	~	applied in pits and filled with top soil up to
		A. I	3/4th height and 2-3 seeds will be sown in each pit.
		( ) ( )	☐ In case of chow-chow, fruit are planted
		1 63 4	with broad end downwards, 2/3rd portion below soil at a spacing of 3.5 x 2.0 m.
		LAWNGTLAN	Polythene nursery raising can be done/initiate
		Damping off and  A	✓ Seed treatment with thiram 3g/kg seed or
		Blight	Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed

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			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
		A 222	at 10-15 DAS are effective.
Brinjal	Fruiting stage	1 3	❖ Weeding near the plant
	1		❖ Fertilizer application in split dose of
		KOLASIB	recommended dose.
	- 1	1.	❖ Provide irrigation to the plant.
	1	Disease:	o Seed treatment with captan, thiram or
	5	<b>Damping off-</b>	chlorothalonil will effectively control this
		5500 L	disease.
		Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Fruiting stage	1	Trilling into bower structure.
	5	AIZAVIL C	Weeding near the plant.
	1	A contract of	♣ Draining of excess water and preparation
		)	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
	1	disease	
Early Cole crop	Vegetative stage	Card formation stage	Application of Nitrogenous fertilizer urea
	1.1		in card formation stage.
		SERCHHI	Provide irrigation to the plant.
		V	Weeding near the plant.
	\ \\	Damping off	✓ Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	3	and vertically	captan or 3 copper oxychloride/ lt of water
	2 7	60	at 10-15 DAS are effective.
		Mustard sawfly	✓ Application of carbofuran 3G @ 100g/m²
	1		in nursery is quite effective.
Mustard and	Flowering stage	190	Weeding in the toria plot.
toria			o Provide irrigation in the field.
			o Top dressing with urea if available or apply
		1	cow dung.
Pea	Flowering Stage	LAWNGTLAN	✓ Weeding in the pea plot.
		F SAIHA	✓ Provide irrigation in the field.
		<b>Aph</b> id	o In case of aphid infestation apply
		Carl I	Imidachloprid 1.5ml/lt of water.
		The state of the s	

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Tomato	Vegetative stage	Land preparation	<ul> <li>Weeding near the plant</li> </ul>
			❖ Fertilizer application in split dose of
		for the same	recommended dose.
	- 7	/	<ul> <li>Provide irrigation to the plant.</li> </ul>
	) \	Damping off	✓ Seed treatment with thiram 3g/kg seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	1,		(Apron)/ kg seed
	)	(A/A)	✓ Drenching 1% Bordeaux mixture or 2 g
	5		captan or 3 copper oxychloride/ lt of water
	1		at 10-15 DAS are effective.
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	K	blotch	water or Bavistin @ 1g/litre of water, 2-3
	7 MAMIT		sprayings should be given forthnightly
	8	L'AIZAVIL 10	intervals.
			<ul> <li>Spraying of Blitox @ 3 g/l of water was found effective against leaf spot.</li> </ul>
Rice	Harvesting stage	( 3	✓ Harvest rice crop
Rice	Hai vesting stage		✓ Cut residue 20 cm from the base.
	) ~		✓ Open the furrow with the help of furrow
	) )		opener.
		SERCHHI	
	1	V	✓ Place the seed and cover by soil.
Pig	All stages	Porcine	1. Culling of positive pigs or piglets.
		Reproductive	Ch J
	-	Respiratory	3
		Syndrome (PRRS).	- j-2
	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	• FMD vaccine at 16 week and repeat every 6
		Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
		1 63 4	Primary vaccination 6 month or above
Doy-14	A dult stars	Danikhat Disassa	Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R <sub>2</sub> B vaccine for adult birds.
	Early stage	Coccidiosis	
	Early stage	Coccidiosis	Amprolium or coccidiostat

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LAWNGTLAL

SAIHA

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**District:** Lawngtalai **Period:** 07 - 11, February, 2015

Bulletin No: -490/2015/ Bulletin/English

Date of issue: 06th February, 2015

		00.00.0017		10.00.001=	1100001
Parameters	07.02.2015	08.02.2015	09.02.2015	10.02.2015	11.02.2015
Rainfall (mm)	0	MAIO CID	0	0	0
Max Temp (oC)	27	27	28	29	29
Min Temp (oC)	9	8	9	10	11
Cloud Coverage	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Partially cloudy
Max RH (%)	63	62	54	56	63
Min RH (%)	17	19	15	16	22
Wind Speed (KmpH)	4	4	4	4	5
*Wind Direction	N-E	N-E	E	N-E	N-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

Champhai- 0.00 mm

Mamit-0.00 mm

Aizawl-0.00 mm

(0.00mm)Serchhip-0.00mm

(0.00mm)

(0.00mm)

(0.00mm)Chhimtuipui-0.00mm

(0.00mm)

Lawngtalia-0.00mm (0.00mm) Lunglei-0.00mm (0.00mm)

(0.00mm)

Weather summary of the past three days

Weather forecast valid from 07th February, 2015 To 11th

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 27-29°C and 8-11°C. Maximum relative humidity is expected in the range of 56-63% and minimum may from 15-22%. Wind direction would be northeasterly with the wind speed of 4-5 km per hour. Dense cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/	Stage	Cultural practices/	Agricultural / Horticultural/ animal
Animal	8	Pest/ Diseases	husbandry advisories
/Fisheries	5		
Khasi	Vegetative stage	Canker	<ul> <li>Prune the diseased and dead twigs.</li> </ul>
Mandarin		LAWNGTLAL	<ul> <li>Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed.</li> </ul>
			• For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.

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			• Excess water removes from the base of the plant.
Banana	Vegetative/		✓ Remove water sucker, keep 1 or 2 plants in a
	harvesting	1	single place.  ✓ Remove sword sucker and use it as new
		KOLASIB	planting material.
	1	NOLHOLD C	Provide irrigation to the base of the plant.
		W/2	✓ Fertilizer application in split dose of
	5		recommended dose.
	7	5 5	✓ Harvest fruits when the flower tips of the fruit dehiscent.
Pineapple	Vegetative stage	<b>&gt;</b>	<ul><li>Clean the vicinity of plants by weeding and</li></ul>
1 meappie	) MAMIT		loosen up the soil.
	5	AIZAWL	o Remove slips and use it as a new planting
		C MILLIAN I	material.
	)	{	o Sucker dipping treatment with Bavistin @
	4		3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and
	) 6		insect.
	) )		<ul> <li>Weeding and intercultural operation.</li> </ul>
		SERCHHI	8
Cucurbits	Vegetative stage		Land is ploughed to a fine tilth and pits of
	7		60 cm diameter and 30-45cm depth are made at a spacing of 2.0-2.5x 2.0-2.5 m,
	J.		2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for
		LUNGLEI	pumpkin, bottle gourd cucumber
	7	ENUMERIC	respectively. Well rotten FYM should be
		23	applied in pits and filled with top soil up to
		S S	3/4th height and 2-3 seeds will be sown in each pit.
		2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	In case of chow-chow, fruit are planted
			with broad end downwards, 2/3rd portion
		1 2	below soil at a spacing of 3.5 x 2.0 m.
		1	♣ Polythene nursery raising can be done/
		Damping off and (A	initiate  ✓ Seed treatment with thiram 3g/kg seed or
		Blight	Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		The state of the s	

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			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
			at 10-15 DAS are effective.
Brinjal	Fruiting stage	3	<ul> <li>Weeding near the plant</li> </ul>
			❖ Fertilizer application in split dose of
		KOLASIB	recommended dose.
			<ul> <li>Provide irrigation to the plant.</li> </ul>
	)	Disease:	<ul> <li>Seed treatment with captan, thiram or</li> </ul>
	\$	Damping off-	chlorothalonil will effectively control this
	1		disease.
	1	Pest:	<ul> <li>Sulfur fungicides can be used to control</li> </ul>
		Mites and hoppers-	this pest.
Cowpea	Fruiting stage	( ).	Trilling into bower structure.
	5	AIZAVVL C	Weeding near the plant
		C MICHAEL TO	→ Draining of excess water and preparation
		)	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Vegetative stage	Card formation stage	Application of Nitrogenous fertilizer urea
_		<b>L</b>	in card formation stage.
		SERCHHI	❖ Provide irrigation to the plant.
		V	Weeding near the plant.
	\ \	Damping off	✓ Seed treatment with thiram 3g/kg seed or
		. 0	Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
	/	LUNGLEI	Drenching 1% Bordeaux mixture or 2 g
		5-50 00 5-5-1	captan or 3 copper oxychloride/ lt of water
	1	~	at 10-15 DAS are effective.
	-	Mustard sawfly	✓ Application of carbofuran 3G @ 100g/m²
			in nursery is quite effective.
Mustard and	Flowering stage	Fi A	Weeding in the toria plot.
toria	8 8		o Provide irrigation in the field.
		) ~ )	Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLAND	✓ Weeding in the pea plot.
	8 8	∫ SAIHA	✓ Provide irrigation in the field.
		Aphid	o In case of aphid infestation apply
		1	Imidachloprid 1.5ml/lt of water.
		D (	1

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Tomato	Vegetative stage	Land preparation	<ul> <li>Weeding near the plant</li> </ul>
			❖ Fertilizer application in split dose of
			recommended dose.
	- 7	/ 3	<ul><li>Provide irrigation to the plant.</li></ul>
	) \	Damping off	✓ Seed treatment with thiram 3g/kg seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	1		(Apron)/ kg seed
		W. )	✓ Drenching 1% Bordeaux mixture or 2 g
	ζ	2 1	captan or 3 copper oxychloride/ lt of water
	¥		at 10-15 DAS are effective.
	1	Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	Ł	blotch	water or Bavistin @ 1g/litre of water, 2-3
	7 MAMIT	1	sprayings should be given forthnightly
	5	AIZAWL C	intervals.
		A Linearity	o Spraying of Blitox @ 3 g/l of water was
			Toulid effective against leaf spot.
Rice	Harvesting stage		✓ Harvest rice crop
		( ) ) )	✓ Cut residue 20 cm from the base.
	1 0		✓ Open the furrow with the help of furrow
	12		opener.
		SERCHHI	✓ Place FYM and fertilizer.
		Was Lay	✓ Place the seed and cover by soil.
Pig	All stage <mark>s</mark>	Porcine	1. Culling of positive pigs or piglets.
	4	Reproductive	
		Respiratory	7
		Syndrome (PRRS).	2
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	2 7	- 0	months and yearly interval/6 month interval
Cattle	All age group 🦎	Foot and Mouth	FMD vaccine at 16 week and repeat every 6
	1.	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	<ul> <li>Black Quarter Vaccine (BQV).</li> </ul>
			♦ Primary vaccination 6 month or above
			❖ Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R <sub>2</sub> B
		LAWNGTLAV	vaccine for adult birds.
	Early stage	<b>Coccidiosis</b>	Amprolium or coccidiostat

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LAWNGTLAL

SAIHA

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**Parameters** Rainfall (mm)

Max Temp (oC)

Min Temp (oC)

Max RH (%)

Min RH (%)

**Cloud Coverage** 

\*Wind Direction

Wind Speed (KmpH)

### 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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N-E

**District:** Lunglei **Period:** 07 - 11, February, 2015

08.02.2015

25

5

Mainly cloudy

84

19

2

0

Bulletin No: -490/2015/ Bulletin/English

07.02.2015

0

26

6

Mainly cloudy

87

19

2

- 14		
09.02.2015	10.02.2015	11.02.2015
0	0	0
27	28	28
6	8	8
Mainly cloudy	Mainly cloudy	Mainly cloudy
72	83	82

18

3

Date of issue: 06th February, 2015

N-E N-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.

15

3

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 07th February, 2015 To 11th 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 25-28°C and 5-8°C. Maximum relative humidity is expected in the range of 72-87% and minimum may from 15-24%. Wind direction would be northeasterly with the wind speed of 2-4 km per hour. Dense 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	Vegetative stage	Canker	<ul> <li>Prune the diseased and dead twigs.</li> </ul>
Mandarin		LAWNGTLAL	<ul> <li>Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed.</li> </ul>
		1 2 1 5	• For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.

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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)



			• Excess water removes from the base of the plant.
Banana	Vegetative/		✓ Remove water sucker, keep 1 or 2 plants in a
	harvesting	1	single place.
	1 1		✓ Remove sword sucker and use it as new
		KOLASIB	planting material.
			✓ Provide irrigation to the base of the plant.
	1	(APS)	✓ Fertilizer application in split dose of
	5		recommended dose.
	1	5	✓ Harvest fruits when the flower tips of the
			fruit dehiscent.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and
	7 MAMIT	1	loosen up the soil.
	3	AIZAVIL 10	o Remove slips and use it as a new planting material.
	-	3	o Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to
	4	12	protect against soil borne disease and
	) &		insect.
	) )		<ul> <li>Weeding and intercultural operation.</li> </ul>
		SERCHHI	
Cucurbits	Vegetative stage	Vision	Land is ploughed to a fine tilth and pits of
			60 cm diameter and 30-45cm depth are
		100	made at a spacing of 2.0-2.5x 2.0-2.5 m,
			2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for
		LUNGLEI	pumpkin, bottle gourd cucumber
	3	ALCOVO EXCHANGE	respectively. Well rotten FYM should be
		27	applied in pits and filled with top soil up to
		10	3/4th height and 2-3 seeds will be sown in
	11		each pit.
		150 6	In case of chow-chow, fruit are planted
		1 63 9	with broad end downwards, 2/3rd portion below soil at a spacing of 3.5 x 2.0 m.
		Y	Polythene nursery raising can be done/
		LAWNGTIAN	initiate
		Damping off and	
		Blight	Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		1 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)



			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
		- FEET -	at 10-15 DAS are effective.
Brinjal	Fruiting stage	1	<ul> <li>Weeding near the plant</li> </ul>
			❖ Fertilizer application in split dose of
		KOLASIB	recommended dose.
			Provide irrigation to the plant.
	)	Disease:	<ul> <li>Seed treatment with captan, thiram or</li> </ul>
	\$	Damping off-	chlorothalonil will effectively control this
	<u> </u>	Carried Land	disease.
	1	Pest:	<ul> <li>Sulfur fungicides can be used to control</li> </ul>
	- E	Mites and hoppers-	this pest.
Cowpea	Fruiting stage	\ \	Trilling into bower structure.
	5	AIZAWL C	Weeding near the plant
		Current 1	♣ Draining of excess water and preparation
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	j 1	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Vegetative stage	Card formation stage	❖ Application of Nitrogenous fertilizer urea
		-	in card formation stage.
		SERCHHI	❖ Provide irrigation to the plant.
		V	Weeding near the plant.
	<u></u>	Damping off	✓ Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
	1	LUNGLEI	Drenching 1% Bordeaux mixture or 2 g
	>	HALL STREET	captan or 3 copper oxychloride/ lt of water
	1	ex.	at 10-15 DAS are effective.
	<u> </u>	Mustard sawfly	✓ Application of carbofuran 3G @ 100g/m²
			in nursery is quite effective.
Mustard and	Flowering stage	9 4	Weeding in the toria plot.
toria	8 8		o Provide irrigation in the field.
		1 2	o Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLAN	✓ Weeding in the pea plot.
	5 5	F SAIHA	✓ Provide irrigation in the field.
		Aphid	o In case of aphid infestation apply
		1	Imidachloprid 1.5ml/lt of water.
		E C	•

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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)



Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant
			❖ Fertilizer application in split dose of
		San Carlot	recommended dose.
	/ /	/	<ul> <li>Provide irrigation to the plant.</li> </ul>
	) \	Damping off	✓ Seed treatment with thiram 3g/kg seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	1		(Apron)/ kg seed
	)	W. )	✓ Drenching 1% Bordeaux mixture or 2 g
	5	2 1	captan or 3 copper oxychloride/ lt of water
	<b>S</b>		at 10-15 DAS are effective.
	1	Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
		blotch	water or Bavistin @ 1g/litre of water, 2-3
	7 MAMIT	A h	sprayings should be given forthnightly
	5	AIZAWL C	intervals.
		11000	o Spraying of Blitox @ 3 g/l of water was
	)		found effective against leaf spot.
Rice	Harvesting stage	3 8 6	✓ Harvest rice crop
		1 3 1	✓ Cut residue 20 cm from the base.
			✓ Open the furrow with the help of furrow
	12	acres and	opener.
		SERCHHI	<ul><li>✓ Place FYM and fertilizer.</li><li>✓ Place the seed and cover by soil.</li></ul>
D: <sub>~</sub>	All stages	Porcine	Culling of positive pigs or piglets.
Pig	All stage <mark>s</mark>	Reproductive	1. Culling of positive pigs of piglets.
		Respiratory	1
		Syndrome (PRRS).	
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	Tuuit stage	Swine rever	months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every 6
	im age group	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	- Jung buge	Zinch Quarter (DQ)	❖ Primary vaccination 6 month or above
		1 -1	Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R <sub>2</sub> B
I duiti j	Tauri Suge	LAWNGTLAL	vaccine for adult birds.
	Early stage	Coccidiosis	Amprolium or coccidiostat
	Luiiy Buige	Coccidiosis	1. Impronum of coccionom

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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)



**District: Mamit Period:** 07 - 11, February, 2015

Bulletin No: -490/2015/ Bulletin/English

Date of issue: 06th February, 2015

Donomotomo	07.02.2015	08.02.2015	09.02.2015	10.02.2015	11 00 001E
Parameters	07.02.2015	08.02.2015	09.02.2015	10.02.2015	11.02.2015
Rainfall (mm)	0	KAO ACID	0	0	0
Max Temp (oC)	27	27	28	28	28
Min Temp (oC)	6	6	7	8	9
Cloud Coverage	Mainly cloudy	Ma <mark>inly cloudy</mark>	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	95	93	76	93	74
Min RH (%)	21	19	19	20	23
Wind Speed (KmpH)	2	2	2	2	4
*Wind Direction	S	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 Kolasib- 0.00 mm Kolasib- 0.00 mm

(0.00mm)

(0.00mm)(0.00mm)

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

Serchhip-0.00mm Serchhip-0.00mm

Serchhip-0.00mm

(0.00mm)

Serchhip-0.00mm (0.00mm)

Weather summary of the past three days

(0.00mm)

SERCHHIP February, 2015.

Weather forecast valid from 07th February, 2015 To 11th

There is no chance of rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 27-28°C and 6-90°C. Maximum relative humidity is expected in the range of 74-95% and minimum may from 19-23%. Wind direction would be southeasterly with the wind speed of 2-4 km per hour. Partially cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

		in the second se	cumulative ratifatiti 00.0 mm
Main Crop/	Stage	Cultural practices/	Agricultural / Horticultural/ animal
Animal	2	Pest/ Diseases	husbandry advisories
/Fisheries	5		(
Khasi	Vegetative stage	Canker	<ul> <li>Prune the diseased and dead twigs.</li> </ul>
Mandarin		LAWNGTLAL	<ul> <li>Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed.</li> <li>For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.</li> </ul>

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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)



			• Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting		✓ Remove water sucker, keep 1 or 2 plants in a single place.
	nai vesting	KOLASIB	✓ Remove sword sucker and use it as new planting material.
	5	Ly 5	✓ Provide irrigation to the base of the plant. ✓ Fertilizer application in split dose of
	}	£ (	recommended dose.  ✓ Harvest fruits when the flower tips of the fruit dehiscent.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and loosen up the soil.
	{	AIZAVIL C	<ul> <li>Remove slips and use it as a new planting material.</li> </ul>
	1		o Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to
	10	A 1 3 2	protect against soil borne disease and insect.  • Weeding and intercultural operation.
		SERCHHI	
Cucurbits	Vegetative stage	~~	Land is ploughed to a fine tilth and pits of 60 cm diameter and 30-45cm depth are made at a spacing of 2.0-2.5x 2.0-2.5 m, 2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for
		LUNGLEI	pumpkin, bottle gourd cucumber respectively. Well rotten FYM should be
	(	. ~	applied in pits and filled with top soil up to 3/4th height and 2-3 seeds will be sown in
			each pit.
		1921	In case of chow-chow, fruit are planted
		1 13 4	with broad end downwards, 2/3rd portion below soil at a spacing of 3.5 x 2.0 m.
		LAWNGTLAN	♣ Polythene nursery raising can be done/ initiate
		Damping off and [A	
		Blight	Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed
		P. C.	

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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)



			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
		- FEET -	at 10-15 DAS are effective.
Brinjal	Fruiting stage	1	<ul> <li>Weeding near the plant</li> </ul>
			❖ Fertilizer application in split dose of
		KOLASIB	recommended dose.
			Provide irrigation to the plant.
	)	Disease:	<ul> <li>Seed treatment with captan, thiram or</li> </ul>
	\$	Damping off-	chlorothalonil will effectively control this
	<u> </u>	Carried Land	disease.
	1	Pest:	<ul> <li>Sulfur fungicides can be used to control</li> </ul>
	- E	Mites and hoppers-	this pest.
Cowpea	Fruiting stage	\ \	Trilling into bower structure.
	5	AIZAWL C	Weeding near the plant
		Current 1	♣ Draining of excess water and preparation
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	j 1	mound near the base.
	1	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Vegetative stage	Card formation stage	Application of Nitrogenous fertilizer urea
		-	in card formation stage.
		SERCHHI	❖ Provide irrigation to the plant.
		V	Weeding near the plant.
	<u></u>	Damping off	✓ Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
	1	LUNGLEI	Drenching 1% Bordeaux mixture or 2 g
	>		captan or 3 copper oxychloride/ lt of water
	1	esc.	at 10-15 DAS are effective.
	<u> </u>	Mustard sawfly	✓ Application of carbofuran 3G @ 100g/m²
			in nursery is quite effective.
Mustard and	Flowering stage	9 4	Weeding in the toria plot.
toria	0 0		o Provide irrigation in the field.
		1 2	• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLAN	✓ Weeding in the pea plot.
	5 5	F SAIHA	✓ Provide irrigation in the field.
		Aphid	o In case of aphid infestation apply
		1	Imidachloprid 1.5ml/lt of water.
		E C	•

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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)



Tomato	Vegetative stage	Land preparation	<ul> <li>Weeding near the plant</li> </ul>				
			❖ Fertilizer application in split dose of				
			recommended dose.				
	7	2	<ul> <li>Provide irrigation to the plant.</li> </ul>				
	) \-	<b>Damping off</b> ✓ Seed treatment with thiram 3g/kg s					
		Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed					
	4						
	.)	WA )	✓ Drenching 1% Bordeaux mixture or 2 g				
	5		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				
	· E	blotch	water or Bavistin @ 1g/litre of water, 2-3				
	7 MAMIT	1	sprayings should be given forthnightly				
	5	& AIZAWL TO	intervals.				
			o Spraying of Blitox @ 3 g/l of water was				
		)	found effective against leaf spot.				
Rice	Harvesting stage	3	✓ Harvest rice crop				
		1 3 1	✓ Cut residue 20 cm from the base.				
	1		✓ Open the furrow with the help of furrow				
	1.1	ocnoun	opener. ✓ Place FYM and fertilizer.				
		SERCHHI					
Dia	All stages	<ul><li>✓ Place the seed and cover by soil.</li><li>Porcine</li><li>1. Culling of positive pigs or piglets.</li></ul>					
Pig	All stages	Reproductive	1. Culling of positive pigs of piglets.				
		Respiratory					
		Syndrome (PRRS).					
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2				
	radit stage	months and yearly interval/6 month inter					
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every 6				
	im age group	Disease (FMD)	month.				
	Young stage	Black Quarter (BQ) • Black Quarter Vaccine (BQV).					
	2 0 4 1 5 1 1 5 1	(DQ)	❖ Primary vaccination 6 month or above				
		1 2	Revaccination annually				
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R <sub>2</sub> B				
	220000 2008	LAWNGTLAL	vaccine for adult birds.				
	Early stage	Coccidiosis	Amprolium or coccidiostat				
			r				

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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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LAWNGTLAL

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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:** 07 - 11, February, 2015

Bulletin No: -490/2015/ Bulletin/English

Date of issue: 06th February, 2015

Demonstrations	07.00.0015	00.00.0015	00.00.0015	10.00.0015	11.00.0015		
Parameters	07.02.2015	08.02.2015	09.02.2015	10.02.2015	11.02.2015		
Rainfall (mm)	0	KOIO SID	0	0	0		
Max Temp (oC)	25	24	26	26	26		
Min Temp (oC)	5	<u>A</u> 3	4	7	7		
Cloud Coverage	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy		
Max RH (%)	100	100	85	100	91		
Min RH (%)	19	20	17	19	25		
Wind Speed (KmpH)	2	2	2	3	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 MONSOO	N- January 1-31, 2	015 (Percent of de	viation from norm	al in parenthesis)			

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

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

Serchhip-0.00mm Serchhip-0.00mm

Serchhip-0.00mm

Serchhip-0.00mm

Weather summary of the past

(0.00mm)

(0.00mm)

(0.00mm)

(0.00mm)

three days

Weather forecast valid from 07th February, 2015 To 11th 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 24-26°C and 3-7°C. Maximum relative humidity is expected in the range of 85-100% and minimum may from 17-25%. Wind direction would be easterly with the wind speed of 2-3 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 stage	Canker LAWNGTLAU SAIHA	<ul> <li>Prune the diseased and dead twigs.</li> <li>Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed.</li> <li>For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water</li> </ul>

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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)



			• Excess water removes from the base of the plant.
Banana	Vegetative/ harvesting	KOLASIB	<ul> <li>✓ Remove water sucker, keep 1 or 2 plants in a single place.</li> <li>✓ Remove sword sucker and use it as new planting material.</li> <li>✓ Provide irrigation in the base.</li> </ul>
	}	721	<ul> <li>✓ Fertilizer application in split dose of recommended dose.</li> <li>✓ Harvest fruits when the flower tips of the fruit dehiscent.</li> </ul>
Pineapple	Vegetative stage	AIZAWL	<ul> <li>Clean the vicinity of plants by weeding and loosen up the soil.</li> <li>Remove slips and use it as a new planting material.</li> </ul>
		SERCHHI	<ul> <li>Sucker dipping treatment with Bavistin @ 3g + Chloropyriphos @ 1 g/lt of water to protect against soil borne disease and insect.</li> <li>Weeding and intercultural operation.</li> <li>Provide irrigation in the plant.</li> </ul>
Cucurbits	Vegetative stage	LUNGLEI	Land is ploughed to a fine tilth and pits of 60 cm diameter and 30-45cm depth are made at a spacing of 2.0-2.5x 2.0-2.5 m, 2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for pumpkin, bottle gourd cucumber
	,	M. J	respectively. Well rotten FYM should be applied in pits and filled with top soil up to 3/4th height and 2-3 seeds will be sown in each pit.  In case of chow-chow, fruit are planted with broad end downwards, 2/3rd portion
		LAWNGTLAN	below soil at a spacing of 3.5 x 2.0 m.  Polythene nursery raising can be done/initiate
		Damping off and IA Blight	✓ Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed

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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)



			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
D ' ' ' 1	D 44		at 10-15 DAS are effective.
Brinjal	Fruiting stage	S 8	• Weeding near the plant
		V.	Fertilizer application in split dose of recommended dose.
		KOLASIB	
		l Di	❖ Provide irrigation if require.
	7	Disease:	o Seed treatment with captan, thiram or
	>	Damping off-	chlorothalonil will effectively control this
	4	7 5	disease.
		Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Fruiting stage	1	♣ Trilling into bower structure.
	8	AIZAVIL C	Weeding near the plant
		<b>N</b>	■ Draining of excess water and preparation
			mound near the base.
	l,	Scab and leaf blight	✓ Use of resistant varieties.
		disease	
Early Cole crop	Vegetative stage	Card formation stage	Application of Nitrogenous fertilizer urea
	1.2		in card formation stage.
		SERCHHI	❖ Provide irrigation if require.
		V Long	❖ Weeding near the plant.
	4	Damping off	✓ Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	3	+0+4V4CECHIDI	captan or 3 copper oxychloride/ lt of water
	7	00	at 10-15 DAS are effective.
		Mustard sawfly	Application of carbofuran 3G @ 100g/m <sup>2</sup>
	1	3	in nursery is quite effective.
Mustard and	Flowering stage	19 0	• Weeding in the toria plot.
toria			o Provide irrigation in the field.
			• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLAN	✓ Weeding in the pea plot.
		/ SAIHA	✓ Provide irrigation in the field.
		<b>Aphid</b>	o In case of aphid infestation apply
		( )	Imidachloprid 1.5ml/lt of water.
		CALL TO ST	

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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)



Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant			
			❖ Fertilizer application in split dose of			
			recommended dose.			
	7.7	3	<ul> <li>Provide irrigation in the plant.</li> </ul>			
	1 1	Damping off	✓ Seed treatment with thiram 3g/kg seed or			
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g			
	4		(Apron)/ kg seed			
	1	W/2 )	✓ Drenching 1% Bordeaux mixture or 2 g			
	5		captan or 3 copper oxychloride/ lt of water			
	- V	T/C	at 10-15 DAS are effective.			
		Leaf spot and leaf blotch	o Spraying Dithane M-45 @ 2.5g/litre of water or Bavistin @ 1g/litre of water, 2-3			
	} MAMIT	Dioten	sprayings should be given forthnightly			
	J. meaning	1	intervals			
	3	o Spraying of Blitox @ 3 g/l of water				
	(	found effective against leaf spot.				
Rice	Harvesting stage	- (	✓ Harvest rice crop			
	vostange	1 5/5	✓ Cut residue 20 cm from the base.			
	) 6		✓ Open the furrow with the help of furrow			
	( (		opener.			
		SERCHHI	✓ Place FYM and fertilizer.			
		William	✓ Place the seed and cover by soil.			
Pig	All stages	Porcine 1. Culling of positive pigs or piglets.				
		Reproductive				
		Respiratory	7			
		Syndrome (PRRS).	3			
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2			
G 44			months and yearly interval/6 month interval			
Cattle	All age group	Foot and Mouth • FMD vaccine at 16 week and repeat every				
	T7 .	Disease (FMD) month.				
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).			
		1 53 4	Primary vaccination 6 month or above			
Doultwe	A dult atoms	Danilshat Digases	Revaccination annually			
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R <sub>2</sub> B vaccine for adult birds.			
	Forly stors	Coccidiosis				
	Early stage	Coccidiosis	Amprolium or coccidiostat			

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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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LAWNGTLAL

SAIHA

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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: Aizawl Period:** 07 - 11, February, 2015

Bulletin No: -490/2015/ Bulletin/English

Date of issue: 06th February, 2015

Parameters	07.02.2015	08.02.2015	09.02.2015	10.02.2015	11.02.2015
Rainfall (mm)	0	WAIO CID	0	0	0
Max Temp (oC)	26	26	27	27	27
Min Temp (oC)	5	<u>,                                    </u>	6	8	10
Cloud Coverage	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	97	97	84	94	75
Min RH (%)	22	21	21	22	24
Wind Speed (KmpH)	4	2	4	4	4
*Wind Direction	S-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 Kolasib- 0.00 mm Kolasib- 0.00 mm

(0.00mm)(0.00mm)

(0.00mm)

Kolasib- 0.00 mm (0.00mm)

Serchhip-0.00mm

Serchhip-0.00mm

Serchhip-0.00mm

Serchhip-0.00mm

(0.00mm)

(0.00mm)

(0.00mm)

(0.00mm)

Weather summary of the past three days

Weather forecast valid from 07th February, 2015 To 11th 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 26-27°C and 5-10°C. Maximum relative humidity is expected in the range of 75-97% and minimum may from 21-24%. Wind direction would be southeasterly with the wind speed of 3-4 km per hour. Partially cloudy

sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/	Stage	Cultural practices/	Agricultural / Horticultural/ animal
Animal	4	Pest/ Diseases	husbandry advisories
/Fisheries	5		
Khasi	Vegetative stage	Canker	<ul> <li>Prune the diseased and dead twigs.</li> </ul>
Mandarin		LAWNGTLAN	<ul> <li>Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed.</li> </ul>
		1 2 1	• For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.

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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)



			• Excess water removes from the base of the plant.
Banana	Vegetative/		✓ Remove water sucker, keep 1 or 2 plants in a
	harvesting	1	single place.
	1 1	5	✓ Remove sword sucker and use it as new
		KOLASIB	planting material.
	1		✓ Provide irrigation to the base.
	1	(A)	✓ Fertilizer application in split dose of
	5		recommended dose.
	1	Samuel	✓ Harvest fruits when the flower tips of the
			fruit dehiscent.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and
	7 MAMIT	1	loosen up the soil.
	1	( AIZAVVL )	o Remove slips and use it as a new planting material.
			o Sucker dipping treatment with Bavistin @
	\		3g + Chloropyriphos @ 1 g/lt of water to
	1	1 3/5	protect against soil borne disease and
	) 6		insect.
	) )		<ul> <li>Weeding and intercultural operation.</li> </ul>
		SERCHHI	Po Provide irrigation to the plant.
Cucurbits	Vegetative stage	V	Land is ploughed to a fine tilth and pits of
	(,		60 cm diameter and 30-45cm depth are
			made at a spacing of 2.0-2.5x 2.0-2.5 m,
		1.00	2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for
		LUNGLEI	pumpkin, bottle gourd cucumber
	3	- INCOME DE LA COMPANSION DE LA COMPANSI	respectively. Well rotten FYM should be
	Vi Vi	20	applied in pits and filled with top soil up to
		(A)	3/4th height and 2-3 seeds will be sown in
	<u>i</u>	2	each pit.
		100 6	In case of chow-chow, fruit are planted
		1 63 8	with broad end downwards, 2/3rd portion
		Y	below soil at a spacing of 3.5 x 2.0 m. Polythene nursery raising can be done/
		LAWNGTI ALS	initiate
		Damping off and	
		Blight	Trichoderma viride 4g+ metalaxyl 4g
		Diigit	(Apron)/ kg seed
			krom), m9 area

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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)



			✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
Brinjal	Fruiting stage	3	<ul> <li>Weeding near the plant</li> </ul>
		T	❖ Fertilizer application in split dose of
		KOLASIB	recommended dose.
			❖ Provide irrigation in the plant.
	1	Disease:	o Seed treatment with captan, thiram or
	5	Damping off-	chlorothalonil will effectively control this
			disease.
		Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Fruiting stage	1	Trilling into bower structure.
	1	AIZAVIL C	<ul> <li>Weeding near the plant</li> </ul>
			♣ Draining of excess water and preparation
			mound near the base.
	1	Scab and leaf blight disease	✓ Use of resistant varieties.
Early Cole crop	Vegetative stage	Card formation stage	Application of Nitrogenous fertilizer urea
	12		in card formation stage.
		SERCHHI	
		VI L	Weeding near the plant.
	<b>S</b>	Damping off	✓ Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	5	- Indicate Parity	captan or 3 copper oxychloride/ lt of water
	27	Coc.	at 10-15 DAS are effective.
		Mustard sawfly	✓ Application of carbofuran 3G @ 100g/m²
		3	in nursery is quite effective.
Mustard and	Flowering stage	901	• Weeding in the toria plot.
toria			<ul> <li>Provide irrigation in the field.</li> </ul>
			• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLA	✓ Weeding in the pea plot.
		/ SAIHA	✓ Provide irrigation in the field.
		<b>Aph</b> id	o In case of aphid infestation apply
		( car )	Imidachloprid 1.5ml/lt of water.

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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)



Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant
	8	1. /	❖ Fertilizer application in split dose of
		The state of the s	recommended dose.
	( )	/	<ul> <li>Provide irrigation to the plant.</li> </ul>
	) \_2	Damping off	✓ Seed treatment with thiram 3g/kg seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	4		(Apron)/ kg seed
	)	(4/5)	✓ Drenching 1% Bordeaux mixture or 2 g
	5		captan or 3 copper oxychloride/ lt of water
		T. 0	at 10-15 DAS are effective.
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	Summer	blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly
	/ MAMIT	1	intervals.
	3	( AIZAVIL )	o Spraying of Blitox @ 3 g/l of water was
			found effective against leaf spot.
Rice	Harvesting stage		✓ Harvest rice crop
		1 585	✓ Cut residue 20 cm from the base.
	1 6		✓ Open the furrow with the help of furrow
	) )		opener.
		SERCHHI	
		V	✓ Place the seed and cover by soil.
Pig	All stages	Porcine	1. Culling of positive pigs or piglets.
		Reproductive	
		Respiratory Syndrome (PRRS).	
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	Addit stage	Swine level.	months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every 6
	age ga au	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
			Primary vaccination 6 month or above
		- N	<b>♦</b> Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R <sub>2</sub> B
		LAWNGTLAV	vaccine for adult birds.
	Early stage	<b>Coccidiosis</b>	Amprolium or coccidiostat

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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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SAIHA

LAWNGTLAL

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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: Champhai **Period:** 07 - 11, February, 2015

Bulletin No: -490/2015/ Bulletin/English

Date of issue: 06th February, 2015

Parameters	07.02.2015	08.02.2015	09.02.2015	10.02.2015	11.02.2015
Rainfall (mm)	0	W/O AGID	0	0	0
Max Temp (oC)	25	24	25	26	25
Min Temp (oC)	6	<u> 5</u>	6	8	9
Cloud Coverage	Mainly cloudy	Mai <mark>nly cloudy</mark>	Mainly cloudy	Mainly cloudy	Mainly cloudy
Max RH (%)	98	-93	77	78	97
Min RH (%)	25	22	21	22	18
Wind Speed (KmpH)	4	5	6	5	4
*Wind Direction	5-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 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 summary of the past three days

Weather forecast valid from 07th February, 2015 To 11th 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 24-26<sup>0</sup>C and 5-9°C. Maximum relative humidity is expected in the range of 77-98% and minimum may from 18-25%. Wind direction would be southeasterly with the wind speed of 4-6 km per hour. Mainly cloudy will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

Main Crop/	Stage	Cultural practices/	Agricultural / Horticultural/ animal
Animal		Pest/ Diseases	husbandry advisories
/Fisheries	9		
Khasi	Vegetative stage	Canker	<ul> <li>Prune the diseased and dead twigs.</li> </ul>
Mandarin		LAWNGTLAL	<ul> <li>Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed.</li> </ul>
		1 2 1 5	• For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.

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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)



			• Excess water removes from the base of the plant.
Banana	Vegetative/		✓ Remove water sucker, keep 1 or 2 plants in a
	harvesting	1	single place.  ✓ Remove sword sucker and use it as new
		KOLASIB	planting material.
	\ \	10	Provide irrigation in the base.
	(	"3 1 1	✓ Fertilizer application in split dose of recommended dose.
	7		✓ Harvest fruits when the flower tips of the
	f f		fruit dehiscent.
Pineapple	Vegetative stage		o Clean the vicinity of plants by weeding and
	/ MAMIT	1	loosen up the soil.
	3	AIZAWL C	• Remove slips and use it as a new planting material.
	N.		o Sucker dipping treatment with Bavistin @
	}		3g + Chloropyriphos @ 1 g/lt of water to
		( 3.5	protect against soil borne disease and
	1		<ul><li>insect.</li><li>Weeding and intercultural operation.</li></ul>
		SERCHHI	1
Cucurbits	Vegetative stage	V~	Land is ploughed to a fine tilth and pits of
	4		60 cm diameter and 30-45cm depth are
			made at a spacing of 2.0-2.5x 2.0-2.5 m,
		DUMPES THE	2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for pumpkin, bottle gourd cucumber
	7	LUNGLEI	respectively. Well rotten FYM should be
	1	65	applied in pits and filled with top soil up to
	5	0	3/4th height and 2-3 seeds will be sown in
			each pit.
		7 01	In case of chow-chow, fruit are planted with broad end downwards, 2/3rd portion
		) 53 4	below soil at a spacing of 3.5 x 2.0 m.
			Polythene nursery raising can be done/
		LAWNGTLAL	initiate
		Damping off and IA	
		Blight	Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed
			(1 pron) is seed

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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)



			✓ Drenching 1% Bordeaux mixture or 2 g
			captan or 3 copper oxychloride/ lt of water
D ' ' ' 1	E 41	J	at 10-15 DAS are effective.
Brinjal	Fruiting stage	1	* Weeding near the plant
		V	Fertilizer application in split dose of recommended dose.
		KOLASIB	
		Disease:	* Provide irrigation in the field.
	1		<ul> <li>Seed treatment with captan, thiram or chlorothalonil will effectively control this</li> </ul>
	7	Damping off-	disease.
		Pest:	
			o Sulfur fungicides can be used to control
Correso	Emilia didelele	Mites and hoppers-	this pest.
Cowpea	Fruiting stage	\	Trilling into bower structure.
	3	AIZAVIL (C	Weeding near the plant
			Draining of excess water and preparation mound near the base.
		Cook and loof blight	
	4	Scab and leaf blight disease	✓ Use of resistant varieties.
Early Cole crop	Vegetative stage	Card formation stage	Application of Nitrogenous fertilizer urea
_			in card formation stage.
		SERCHHI	Provide irrigation in the plant.
		Value	Weeding near the plant.
	L.	Damping off	✓ Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
	1	LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	/	matte e e e e e	captan or 3 copper oxychloride/ lt of water
		ČS:	at 10-15 DAS are effective.
	<b>A</b>	Mustard sawfly	✓ Application of carbofuran 3G @ 100g/m²
			in nursery is quite effective.
Mustard and	Flowering stage	( P A	• Weeding in the toria plot.
toria			<ul> <li>Provide irrigation in the field.</li> </ul>
		1 2	• Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLAN	✓ Weeding in the pea plot.
		/ SAIHA	✓ Provide irrigation in the field.
		<b>Aphid</b>	o In case of aphid infestation apply
		ſ	Imidachloprid 1.5ml/lt of water.

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Tomato	Vegetative stage	Land preparation	❖ Weeding near the plant
			❖ Fertilizer application in split dose of
		A CONTRACTOR	recommended dose.
	7.7	1	<ul><li>Provide irrigation in the plant.</li></ul>
	) \	Damping off	✓ Seed treatment with thiram 3g/kg seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	1		(Apron)/ kg seed
	)	(A)	✓ Drenching 1% Bordeaux mixture or 2 g
	5	2 1	captan or 3 copper oxychloride/ lt of water
	<b>(</b>	Version L	at 10-15 DAS are effective.
	1	Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
		blotch	water or Bavistin @ 1g/litre of water, 2-3
	7 MAMIT	1	sprayings should be given forthnightly
	5	AIZAWL C	intervals.
		A	o Spraying of Blitox @ 3 g/l of water was
			Touliu effective against leaf spot.
Rice	Harvesting stage	3 86	✓ Harvest rice crop
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 3 15	✓ Cut residue 20 cm from the base.
			✓ Open the furrow with the help of furrow
	1.2	00000000	opener.
		SERCHHI	Place FYM and fertilizer.
D: a	All stores	Porcine	<ul><li>✓ Place the seed and cover by soil.</li><li>1. Culling of positive pigs or piglets.</li></ul>
Pig	All stages	Reproductive	1. Culling of positive pigs of pigiets.
		Respiratory	
		Syndrome (PRRS).	
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	Tiddie Stage	Dwine icver.	months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every 6
	in age group	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
	1 ouing stage	Zinch Quarter (BQ)	❖ Primary vaccination 6 month or above
		1 2	Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R <sub>2</sub> B
J		LAWNGTLAL	vaccine for adult birds.
	Early stage	Coccidiosis	Amprolium or coccidiostat
	zazy suge	COCCIONIO	

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LAWNGTLAL

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



Kolasib- 0.00 mm

(0.00mm)

District: Chhimtuipui Period: 07 - 11, February, 2015

Bulletin No: -490/2015/ Bulletin/English

Date of issue: 06th February, 2015

Parameters	07.02.2015	08.02.2015	09.02.2015	10.02.2015	11.02.2015
Rainfall (mm)	0	WAO Kein	0	0	0
Max Temp (oC)	26	26	27	28	28
Min Temp (oC)	8	7	8	9	10
Cloud Coverage	Mainly cloudy	Ma <mark>inly cloudy</mark>	Mainly cloudy	Mainly cloudy	Mainly clear
Max RH (%)	66	-68	58	60	68
Min RH (%)	16	20	15	16	22
Wind Speed (KmpH)	4	4	4	4	5
*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 Kolasib- 0.00 mm

(0.00mm) (0.00mm)

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

(0.00mm) (0.00mm) (0.00mm) (0.00mm)

Weather summary of the past | Weather forecast valid from 07<sup>th</sup> February, 2015 To 11<sup>th</sup>

Weather summary of the past three days Weather forecast valid from 07<sup>th</sup> February, 2015 To 11<sup>th</sup> Ebruary, 2015.

There is no chance of light rainfall during the next 5 day. The maximum and minimum temperatures for the next 5 days may range for 26-28°C and 7-10°C. Maximum relative humidity is expected in the range of 58-66% and minimum may from 15-22%. Wind direction would be easterly with the wind speed of 4-5 km per hour. Mainly 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 stage	Canker LAWNGTLAL SAIHA	<ul> <li>Prune the diseased and dead twigs.</li> <li>Wound dressing with Bordeaux paste and mulch with dry grass to conserve moisture and suppress the growth of weed.</li> <li>For canker, spray streoptomycin 2g + copperoxycholoride 8 g /10 lt of water.</li> </ul>

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			• Excess water removes from the base of the plant.
Banana	Vegetative/		✓ Remove water sucker, keep 1 or 2 plants in a
	harvesting	1	single place.  ✓ Remove sword sucker and use it as new
		KOLASIB	planting material.
		RULASIB	✓ Provide irrigation to the base of the plant.
	)	W.	✓ Fertilizer application in split dose of
	5		recommended dose.
	1	5	✓ Harvest fruits when the flower tips of the
Pineapple	Vegetative stage		fruit dehiscent.  O Clean the vicinity of plants by weeding and
Тіпеарріе	vegetative stage		loosen up the soil.
	4	AIZAVIL	o Remove slips and use it as a new planting
		C MICHAIL TO	material.
	1	(	o Sucker dipping treatment with Bavistin @
	A.		3g + Chloropyriphos @ 1 g/lt of water to
	)		protect against soil borne disease and insect.
	) )		<ul><li>Weeding and intercultural operation.</li></ul>
		SERCHHI	1
Cucurbits	Vegetative stage	V	Land is ploughed to a fine tilth and pits of
	4		60 cm diameter and 30-45cm depth are
			made at a spacing of 2.0-2.5x 2.0-2.5 m, 2.0-2.5x 1.0-2.0 1.5-2.0 x 1.0-2.0 m for
		TOWNER BY	pumpkin, bottle gourd cucumber
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	LUNGLEI	respectively. Well rotten FYM should be
	1	CC .	applied in pits and filled with top soil up to
	<u> </u>	α (~	3/4th height and 2-3 seeds will be sown in
	<u> </u>		each pit.  In case of chow-chow, fruit are planted
		177	with broad end downwards, 2/3rd portion
		J 7 7	below soil at a spacing of 3.5 x 2.0 m.
		1	♣ Polythene nursery raising can be done/
		LAWNGTLAL	initiate
		Damping off and A	
		Blight	Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed
	<u> </u>		(p-on)/ ng otto

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			✓ Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
Brinjal	Fruiting stage	3	<ul> <li>Weeding near the plant</li> </ul>
	L.		❖ Fertilizer application in split dose of
		KOLASIB	recommended dose.
			❖ Provide irrigation to the plant.
	1	Disease:	o Seed treatment with captan, thiram or
	3	Damping off-	chlorothalonil will effectively control this
	V	5	disease.
		Pest:	o Sulfur fungicides can be used to control
		Mites and hoppers-	this pest.
Cowpea	Fruiting stage	1	Trilling into bower structure.
	5	AIZAVIL C	Weeding near the plant
			♣ Draining of excess water and preparation
			mound near the base.
	1	Scab and leaf blight disease	✓ Use of resistant varieties.
Early Cole crop	Vegetative stage	Card formation stage	Application of Nitrogenous fertilizer urea
	12		in card formation stage.
		SERCHHI	
		V L-s	• Weeding near the plant.
	Y	Damping off	✓ Seed treatment with thiram 3g/kg seed or
		3/2	Trichoderma viride 4g+ metalaxyl 4g
			(Apron)/ kg seed
		LUNGLEI	✓ Drenching 1% Bordeaux mixture or 2 g
	3		captan or 3 copper oxychloride/ lt of water
			at 10-15 DAS are effective.
	-	Mustard sawfly	✓ Application of carbofuran 3G @ 100g/m²
	1		in nursery is quite effective.
Mustard and	Flowering stage	150 6	Weeding in the toria plot.
toria			o Provide irrigation to the field.
		1 N	o Top dressing with urea if available or apply
			cow dung.
Pea	Flowering Stage	LAWNGTLAV	✓ Weeding to the pea plot.
		/ SAIHA	✓ Provide irrigation in the field.
		<b>Aphid</b>	o In case of aphid infestation apply
			Imidachloprid 1.5ml/lt of water.

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Tomato	Vegetative stage	Land preparation	<ul> <li>Weeding near the plant</li> </ul>
	8	1. /	• Fertilizer application in split dose of
		The state of the s	recommended dose.
	( )	/	<ul> <li>Provide irrigation in the plant.</li> </ul>
	) \	Damping off	✓ Seed treatment with thiram 3g/kg seed or
		KOLASIB	Trichoderma viride 4g+ metalaxyl 4g
	4		(Apron)/ kg seed
	)	(A/S)	✓ Drenching 1% Bordeaux mixture or 2 g
	5		captan or 3 copper oxychloride/ lt of water
	1	T. 0	at 10-15 DAS are effective.
		Leaf spot and leaf	o Spraying Dithane M-45 @ 2.5g/litre of
	Summer	blotch	water or Bavistin @ 1g/litre of water, 2-3 sprayings should be given forthnightly
	/ MAMIT	1	intervals.
	3	( AIZAVIL )	o Spraying of Blitox @ 3 g/l of water was
			found effective against leaf spot.
Rice	Harvesting stage		✓ Harvest rice crop
		1 585	✓ Cut residue 20 cm from the base.
	1 6		✓ Open the furrow with the help of furrow
	) )		opener.
		SERCHHI	✓ Place FYM and fertilizer.
		V	✓ Place the seed and cover by soil.
Pig	All stages	Porcine	1. Culling of positive pigs or piglets.
		Reproductive	
		Respiratory Syndrome (PRRS).	
	Adult stage	Swine fever.	2. Vaccination of pigs with SF vaccines at 2
	Addit stage	Swine level.	months and yearly interval/6 month interval
Cattle	All age group	Foot and Mouth	• FMD vaccine at 16 week and repeat every 6
	age gas a	Disease (FMD)	month.
	Young stage	Black Quarter (BQ)	Black Quarter Vaccine (BQV).
			<ul> <li>Primary vaccination 6 month or above</li> </ul>
			* Revaccination annually
Poultry	Adult stage	Ranikhet Disease.	• F1 vaccine at (1-6) days of birth and R <sub>2</sub> B
		LAWNGTLAV	vaccine for adult birds.
	Early stage	<b>Coccidiosis</b>	1. Amprolium or coccidiostat

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