

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: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/English Date of issue: 20th February, 2018

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	29	30
Min Temp (°C)	9	9	9	10	10
Cloud Coverage	Clear sky				
Max RH (%)	84	85	85	77	88
Min RH (%)	20	20	20	21	19
Wind Speed (KmpH)	3	3	4	4	4
*Wind Direction	S-E	S-E	S-E	S-E	S-E

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

Status of Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm

Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm

(10.31mm)

(09.28mm)

(09.60mm)

(08.44mm)

(09.40mm) Serchhip-0.00mm

Lawngtlai-0.00mm

Lunglei-0.00mm

Mamit-0.00mm (08.86mm)

(08.44mm)

Weather summary of the past three days

(10.88mm)

Maximum Tem. (°C):26-27°C Minimum Tem. (°C):16-18°C Maximum RH (%):65-76%

Minimum RH (%):39-48% Wind Direction: Southeasterly

Cloud cover: Clear sky Wind speed: 1-2 km/hr

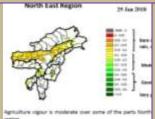
Rainfall: 00.0 mm

Weather forecast valid from 21stFebruary, 2018 To 25thFebruary, 2018.

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-30°C and 09-10°C. Maximum relative humidity is expected in the range of 77-88% and minimum may from 19-21%. Wind direction would be southeasterly with the wind speed of 3-4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal
Animal		practices/ Pest/	husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS			
KHASI	Flushing	<" 5	♣ According to forecast and past weather
MANDARIN	stage	KOLASIB	record, there is no probability of
AND ACID	7		rainfall. So weekly irrigation is required
LIME)	CA.	for upcoming week or use straw mulch
STAR FRUIT	(2 1	reduces soil water loss.
SIAK FRUII	3	Common Land	♣ Pruning should involve removing
	1		unhealthy, unwanted and poorly positioned branches but minimise the
PLUM AND	2	/	loss of healthy foliage.
PEACH	MAMIT		The best time to prune is soon after
PEACH	5	AIZAWL	harvest in winter to early spring before
	1	dementine 1	bud break. For late varieties where two
	1)	crops may hang on the tree at once
	1	6.7	some of the new crop may be lost.
		~ 7	mixture to reduce the damage of white
	1)		ant upto 4 feet height.
		SERCHH	Apply Bordeaux mixture to the plant after
	- 1	V Lang	pruning.
	5		4 Application of split dose of fertilizer 600:
			200:100 (g/pt).
	1	Gummosis, citrus canker,	Due to low temperature and humidity disease appearance will more. Use Bordeaux
		citrus greening	past in tree trunk, twigs and branches
	3	and Dieback	protect healthy plant from soil borne
	2.7	and Dieback	disease.
PLANTATION CR			
COFFEE	Blooming		♣ If day temperature and prolong dry
	stage	7 661	spell occur it lead to Floral
	l l	1 6 3	abnormalities like "Star Flower" in Arabica and "Pink Flower" in Robusta.
		1	♣ Irrigation of plants at alternate day's
		Linumettand	interval, 6 weeks before harvesting
		LAWNGTLAL	in an
		(SAINA	development, and reduces fruit
			cracking and improves the fruit quality.
			♣ Mulching should be done with dry
		6 1	2 D o o o
		4 (2 P a g e

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			grasses near the tree base to conserve
			soil moisture during winter.
			♣ The young fruit plant must be irrigated
			at weekly interval for better
	3.1	1	establishment.
	1	7	♣ Foliar application of Mepiquat chloride
	V	KOLASIB	@ 1000 PPM concentration or 0.75%
	(l	SSP @ 1.5 g per 200 lt of water 15 days
)	60°y)	interval.
Rubber	Vegetative		♣ According to forecast and past weather
	stage	5	record, there is no probability of
		5	rainfall. So weekly irrigation is required
	2		for upcoming week or use straw mulch
	MAMIT	1	reduces soil water loss.
	5	AIZAWL I	Farmers can go for tapping upto last
	1	Concession !	week of January.
	1	j)	♣ Make fire line around the field to save
	1	2 2 7	from fire.
	1		♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	1 6		between 4 plants. Store dried leaves in
	1		the pit and after 4 months it can use as
		SERCHH	manure.
Strawberry	Fruit	V~1	♣ Possibility of rain will be very less. So
	formation to		provide water every alternate day.
	harvesting		♣ Harvest all mature fruits or partially
	stage		matured fruit
		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	♣ Periodical harvest must be done once in
CEREALS AND I	PILLSE CROPS	LUNGLEL	a week
Rabi Maize	Harvesting		♣ Possibility of rain will be very less.
Itabi Maize	stage	n En	Harvest all the mature cobs.
	stage	1	♣ Keep harvested cobs in sundry for 8 to
			10 days to keep the moisture level
			below 10%.
	N .	1 50 4	♣ 25% seed will keep as seed for next
		1	year.
		LINDSTANCE	♣ Parrot attacking trap should be made
		LAWNGTLAN	around field to escape crop from
		SAIHA	damage.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Greengram	formation	1 2 1	provide water every alternate day.
		P N	210
		4	3 P a g e

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and blackgram	stage	1	♣ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide. ② 2ml/lit should
			systemic insecticide @ 2ml/lit should be done.
	2. 1	1	♣ Apply 2% urea solution to avoid stress
	1	7	condition.
	1	KOLASIB	♣ Provide irrigation once in a week.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Soybean	formation	W (provide water every alternate day.
cultivation in	stage		♣ Collection and destruction of damage
Jhum		5	plant or plant part and spraying of any
		5	systemic insecticide @ 2ml/lit should
	3		be done.
	MAMIT	1	♣ Apply 2% urea solution to avoid stress
		Z AIZAWL Z	condition.
	011	1	Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	♣ Possibility of rain will be very less. So
Toria	formation	3 6 6	provide water every alternate day.
	stage		4 Apply split dose of fertilizer for better
			growth. 4 Collection and destruction of Blister
	1)		beetles and spraying of Neem oil
		SERCHN	@3ml/lit should be done.
	Į.	V Lang	♣ Apply split dose of fertilizer for better
	1		growth.
	1		Provide irrigation once in a week.
VEGETABLE CRO)P		
Ginger and	Harvesting	LUNGLEI	♣ Turmeric and ginger is harvested when
turmeric	stage		leaves start yellowing and ultimately
		500	the stem dries down.
		11 / ~	The plants are-cut close to the ground.
			♣ The crop is irrigated lightly for easy
		100	digging.
		() 1	♣ Harvesting consists of digging of underground clumps of rhizomes
		1	with pick axe or digging fork.
		Contract of the Contract of th	Fingers are separated from mother
		LAWNGTLAN	rhizomes.
		# SAIHA	■ Wash clumps of rhizomes with water
			and keep it for sundry.
			♣ Seed stock will be store from partially
		6	

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			dry sample.
			Cut the rhizome to small pieces for
			proper drying.
Early cole	Harvesting		♣ According to forecast and past weather
crop	stage		record, there is no probability of
СГОР	stage	7	rainfall. So weekly twice irrigation is
	1	KOLASIB	required for upcoming week or use
	- 4	6.	straw mulch reduces soil water loss.
)	W/5	♣ Harvest all mature cards.
	5		♣ Don't spray any kind of pesticide to the
	7	Since	crop which creates more health hazard.
Onion	Bulb	Poly house	Provide irrigation every alternate day
	formation		due to non availability of rain.
	stage)	♣ Intercultural operations should be
		LAIZAWL I	done regularly to keep the crop free
	1	Constant Constant	from weeds and better growth of bulb.
	1))	Remaining quantity of nitrogen is
	1	6 6 7	applied 30-40 days after transplanting.
	1		Provide irrigation if water is require.
	1		Low temperature and high humidity
	1)		influence the population of onion trips.
		SERCHN	Apply any systemic insecticide 1.5 ml/lt of water.
French bean	Flowering to	V lan	♣ Possibility of rain will be less coming
Fiench bean	fruiting stage		five days. So alternate irrigation should
	ifulting stage		be done 5 days interval.
			♣ Remaining quantity of nitrogen is
		LUNGLEI	applied 30-40 days after sowing.
	3		Low temperature and high humidity
	2.7	000	influence the activity of stem rot. Apply
		W (~	Hexaconazole 1.5 ml/lt of water for
			better growth and development
Capsicum	Vegetative	Poly house	Intercultural operations should be done
	stage		regularly to keep the crop free from
		-3	weeds and aeration of the root system.
		1	Remaining quantity of nitrogen is
		LAWNGTLAN	applied 30-40 days after transplanting. Provide irrigation if water is require.
		# SAIHA	4 Apply any systemic insecticide to
			reduce damage of chilli thrips.
Brinjal	Fruiting to	1 9	♣ According to forecast and past weather
2111101	i raiding to	0	

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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	-	5	required for upcoming week or use
	1 1	1	straw mulch reduces soil water loss.
	1 1	5	Interculture operation should be done
		KOLASIB	near to the base of the plant.
	1		Apply split dose of nitrogenous fertilizer to the plant.
)	C	Fruit and shoot borer attack will mare
	(1 1	in dry weather. Apply any systematic
	3	The same of the sa	insecticide for better cure.
			♣ Harvest all mature fruit.
			♣ Seed must be keep for next rabi
	MADAIT		season.
Chilli	Vegetative to	AIZAWA_)	According to forecast and past weather
	flowering	dementale:	record, there is no probability of
	stage)	rainfall. So weekly twice irrigation is
	1	1 6 6	required for upcoming week or use
			straw mulch reduces soil water loss.
	3. 6	~ Y	Interculture operation should be done near to the base of the plant.
	1)		Apply split dose of nitrogenous
	1	SERCHN	fertilizer to the plant.
	-	V	Mature fruit should be harvested and
Tomato	Flowering to		According to forecast and past weather
	harvesting	(1)	record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
		LUNGLEI	required for upcoming week or use
	3		straw mulch reduces soil water loss.
		500	If irrigation is not available keep grass
		11	and dry leaves as mulch. Harvest all the mature which colour
	3	2	change to pale yellow to red.
		1700	Seed must be keep from self pollinated
	1	1 50 4	variety.
		Fruit fly	♣ In large gardens apply carbaryl 0.2 per cent
		LAWNGTLAL	or malathion 0.15 per cent suspension
		SAIHA	containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit
			initiation.
Potato	Harvesting		If the leaves and plant became dry it
		200	means plant ready for harvesting.
		1111	6 P a g e

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	stage		 ♣ Open the furrow with the help of spade, harvest all mature tubers. ♣ Discard all mother tubers from harvested potato tubers.
	1	KOLASIB	 Keep 7 -10 days for drying or reduce the moisture level in shed dry. Keep 25% seed for next season sowing.
ANIMAL HUSBE			
Pig	All stages	Porcine	 Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs) Culling of positive pigs or piglets.
		Reproductive Respiratory	r. Caming of positive pigs of pigiets.
Cattle	All age group	Syndrome (PRRS).	In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days is advised.
		LAWNGTLAL	 Provide UMB/Molases if possible in the feed Provide 10-30 ml of vitamin B-Complex in feed 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision. Separate sick animals. The animal should be washed with

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	57		lukewarm water added with little potash (KMnO4) or neem leaves. Long hair near the udder/stomach/back legs should be teamed short.
Poultry	All age group	AIZAWL	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FISHERY	J		7
	Monitoring of fish in pond	LAWNGTLALSAIHA	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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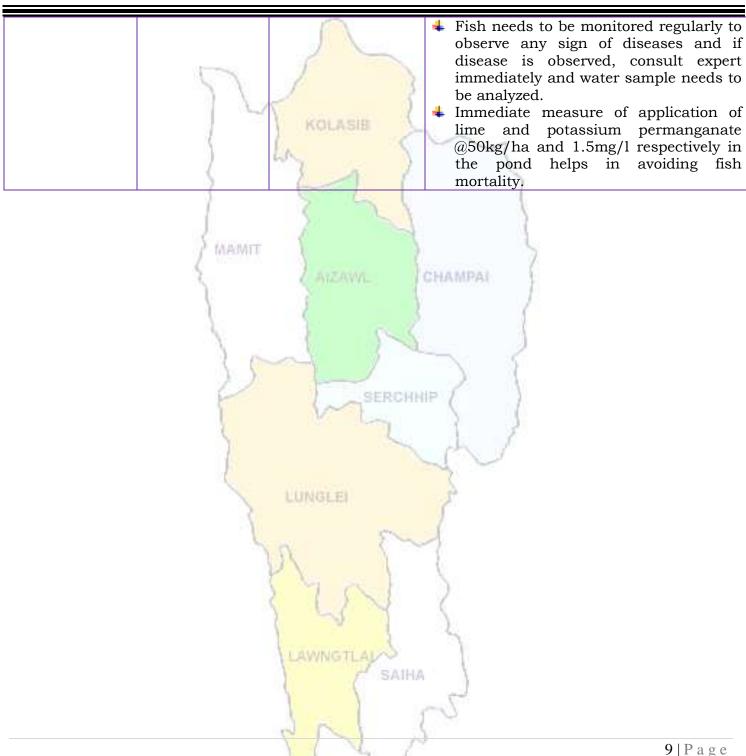


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SAIHA

LAWNGTLAL

CHAMPAI

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Status of Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

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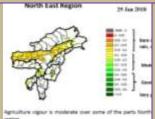
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		citrus greening	past in tree trunk, twigs and branches
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	1	Concession !	week of January.
	1	j)	♣ Make fire line around the field to save
	1	2 2 7	from fire.
	1		♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	1 6		between 4 plants. Store dried leaves in
	1		the pit and after 4 months it can use as
		SERCHH	manure.
Strawberry	Fruit	V~1	♣ Possibility of rain will be very less. So
	formation to		provide water every alternate day.
	harvesting		♣ Harvest all mature fruits or partially
	stage		matured fruit
		AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	♣ Periodical harvest must be done once in
CEREALS AND I	PILLSE CROPS	LUNGLEL	a week
Rabi Maize	Harvesting		♣ Possibility of rain will be very less.
Itabi Maize	stage	n En	Harvest all the mature cobs.
	stage	1	♣ Keep harvested cobs in sundry for 8 to
			10 days to keep the moisture level
			below 10%.
	N .	1 50 4	♣ 25% seed will keep as seed for next
		1	year.
		LINDSTANCE	♣ Parrot attacking trap should be made
		LAWNGTLAN	around field to escape crop from
		SAIHA	damage.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Greengram	formation	1 2 1	provide water every alternate day.
		P N	210
		4	3 P a g e

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and blackgram	stage	1	♣ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide. ② 2ml/lit should
			systemic insecticide @ 2ml/lit should be done.
	2. 1	1	♣ Apply 2% urea solution to avoid stress
	1	7	condition.
	1	KOLASIB	♣ Provide irrigation once in a week.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Soybean	formation	W (provide water every alternate day.
cultivation in	stage		♣ Collection and destruction of damage
Jhum		5	plant or plant part and spraying of any
		5	systemic insecticide @ 2ml/lit should
	3		be done.
	MAMIT	1	♣ Apply 2% urea solution to avoid stress
		Z AIZAWL Z	condition.
	011	1	Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	♣ Possibility of rain will be very less. So
Toria	formation	3 6 6	provide water every alternate day.
	stage		4 Apply split dose of fertilizer for better
			growth. 4 Collection and destruction of Blister
	1)		beetles and spraying of Neem oil
		SERCHN	@3ml/lit should be done.
	Į.	V Lang	♣ Apply split dose of fertilizer for better
	1		growth.
	1		Provide irrigation once in a week.
VEGETABLE CRO)P		
Ginger and	Harvesting	LUNGLEI	♣ Turmeric and ginger is harvested when
turmeric	stage		leaves start yellowing and ultimately
		500	the stem dries down.
		11 / ~	The plants are-cut close to the ground.
			♣ The crop is irrigated lightly for easy
		100	digging.
		() 1	♣ Harvesting consists of digging of underground clumps of rhizomes
		1	with pick axe or digging fork.
		Contract of the Contract of th	Fingers are separated from mother
		LAWNGTLAN	rhizomes.
		# SAIHA	■ Wash clumps of rhizomes with water
			and keep it for sundry.
			♣ Seed stock will be store from partially
		6	

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			dry sample.
			Cut the rhizome to small pieces for
			proper drying.
Early cole	Harvesting		♣ According to forecast and past weather
crop	stage		record, there is no probability of
СГОР	stage	7	rainfall. So weekly twice irrigation is
	1	KOLASIB	required for upcoming week or use
	- 4	6.	straw mulch reduces soil water loss.
)	W/5	♣ Harvest all mature cards.
	5		♣ Don't spray any kind of pesticide to the
	7	Since	crop which creates more health hazard.
Onion	Bulb	Poly house	Provide irrigation every alternate day
	formation		due to non availability of rain.
	stage)	♣ Intercultural operations should be
		LAIZAWL I	done regularly to keep the crop free
	1	Constant Constant	from weeds and better growth of bulb.
	1))	Remaining quantity of nitrogen is
	1	6 6 7	applied 30-40 days after transplanting.
	1		Provide irrigation if water is require.
	1		Low temperature and high humidity
	1)		influence the population of onion trips.
		SERCHN	Apply any systemic insecticide 1.5 ml/lt of water.
French bean	Flowering to	V lan	♣ Possibility of rain will be less coming
Fiench bean	fruiting stage		five days. So alternate irrigation should
	ifulting stage		be done 5 days interval.
			♣ Remaining quantity of nitrogen is
		LUNGLEI	applied 30-40 days after sowing.
	3		Low temperature and high humidity
	2.7	000	influence the activity of stem rot. Apply
		W (~	Hexaconazole 1.5 ml/lt of water for
			better growth and development
Capsicum	Vegetative	Poly house	Intercultural operations should be done
	stage		regularly to keep the crop free from
		-3	weeds and aeration of the root system.
		1	Remaining quantity of nitrogen is
		LAWNGTLAN	applied 30-40 days after transplanting. Provide irrigation if water is require.
		# SAIHA	4 Apply any systemic insecticide to
			reduce damage of chilli thrips.
Brinjal	Fruiting to	1 9	♣ According to forecast and past weather
2111101	i raiding to	0	

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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	-	5	required for upcoming week or use
	1 1	1	straw mulch reduces soil water loss.
	1 1	5	Interculture operation should be done
		KOLASIB	near to the base of the plant.
	1		Apply split dose of nitrogenous fertilizer to the plant.
)	C	Fruit and shoot borer attack will mare
	(1 1	in dry weather. Apply any systematic
	3	The same of the sa	insecticide for better cure.
			♣ Harvest all mature fruit.
			♣ Seed must be keep for next rabi
	MADAIT		season.
Chilli	Vegetative to	AIZAWA_)	According to forecast and past weather
	flowering	dementale:	record, there is no probability of
	stage)	rainfall. So weekly twice irrigation is
	1	6 6 6	required for upcoming week or use
			straw mulch reduces soil water loss.
	3. 6	~ Y	Interculture operation should be done near to the base of the plant.
	1)		Apply split dose of nitrogenous
	1	SERCHN	fertilizer to the plant.
	-	V	Mature fruit should be harvested and
Tomato	Flowering to		According to forecast and past weather
	harvesting	(1)	record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
		LUNGLEI	required for upcoming week or use
	3		straw mulch reduces soil water loss.
		500	If irrigation is not available keep grass
		11	and dry leaves as mulch. Harvest all the mature which colour
	3	2	change to pale yellow to red.
		1700	Seed must be keep from self pollinated
	1	1 50 4	variety.
		Fruit fly	♣ In large gardens apply carbaryl 0.2 per cent
		LAWNGTLAL	or malathion 0.15 per cent suspension
		SAIHA	containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit
			initiation.
Potato	Harvesting		If the leaves and plant became dry it
		200	means plant ready for harvesting.
		1111	6 P a g e

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	-A		_	Onen the furnery with the help of
	stage		-	Open the furrow with the help of
				spade, harvest all mature tubers. Discard all mother tubers from
			-	
	1. 1	1		harvested potato tubers.
	1 1	5	-	Keep 7 -10 days for drying or reduce
		KOLASIB		the moisture level in shed dry.
ANIMAL HUSBEN	IDADV			Keep 25% seed for next season sowing.
Pig		WY 3	4	Animals must keep in dry place or
Fig	All stages	1 1	_	kept in alleviated area and dry bedding
	3	The second second		(straw) to be provided to young
	1			animals.
	J		4	1st injection at 6 months of age and
	MAMIT		_	2nd injection at 12 months of age
	Z. 10000000	A CONTRACTOR OF THE PARTY OF TH	55007	followed by annual vaccination under
	1	Z ATZAWIL	CHAI	vet supervision against FMD.
	1	1	4	Reduce concentrate diet up to 5%.
	1	(Provide adequate potable water.
	3	27	4	In present weather conditions
	1	2 4	-	vaccinate against swine fever (Vaccines
	100			available in State Veterinary Departs)
		Porcine	15.1/	Culling of positive pigs or piglets.
		Reproductive	. (
	V	Respiratory	- 19	3
		Syndrome (PRRS).	1	S .
Cattle	All age group			In present weather conditions, special
		Unit the second		care should be taken against attack of
		LUNGLEI		maggots in the wounds of animals.
	3			Application of turpentine oil in the
	. /	57%		wounds followed by application of
	. 7	11		antibiotics for five days is advised.
)			Provide UMB/Molases if possible in the
	()	1 5 6		feed
	,			Provide 10-30 ml of vitamin B-Complex
		1		in feed
				1st injection at 6-8 weeks of age, 2nd
		LAWNGTLAU	١.	injection after 6 months of 1st injection followed by annual vaccination under
		SAIHA		vet supervision.
				Separate sick animals.
			1	The animal should be washed with
	<u> </u>	0 10	10	The animal should be washed with
		1111		7 Page

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	57		lukewarm water added with little potash (KMnO4) or neem leaves. Long hair near the udder/stomach/back legs should be teamed short.
Poultry	All age group	AIZAWL	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FISHERY	J		7
	Monitoring of fish in pond	LAWNGTLALSAIHA	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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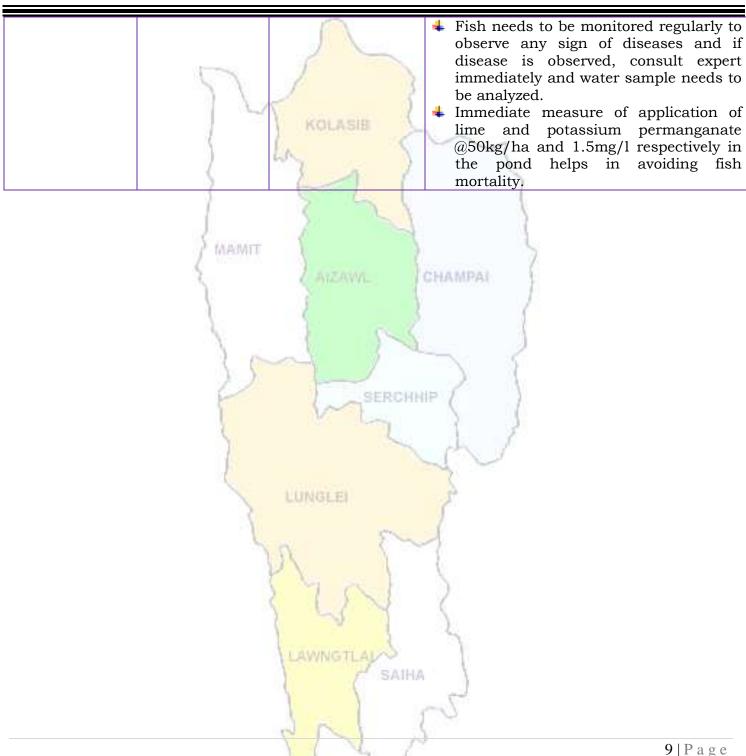


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SAIHA

LAWNGTLAL

10 | P a g e

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District: Aizawl Period: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/Mizo

	1.0	P	5		
Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	29	30
Min Temp (°C)	9	9	9	10	10
Cloud Coverage	Clear sky				
Max RH (%)	84	85	85	77	88
Min RH (%)	20	20	20	21	19
Wind Speed (KmpH)	3	3	4	4	4
*Wind Direction	S-E	S-F	S-F	S-F	S-F

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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm Champhai- 0.00mm Saiha- 0.00 mm

Kolasib- 0.00mm (09.40mm)

(10.31 mm)Lawngtlai-0.00mm

(09.28mm)Lunglei-0.00mm

(09.60mm)

(08.44mm)Mamit-0.00mm

Serchhip-0.00mm

(10.88mm)Weather summary of the past three days

(08.86mm)

(08.44mm)

Maximum Tem. (°C):26-27°C

Minimum Tem. (°C):16-18°C Maximum RH (%):65-76% Minimum RH (%):39-48%

Wind Direction: Southeasterly

Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

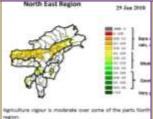
21st February - 25th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Date of issue: 20th February, 2018

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-30°C a ni ang a. A vawh lai ber in 09-10°C ni tura beisei a ni. RH san lai berin 77-88% leh a hniam lai berin 19-21% ni tur a rin niin. Thli hi darkar khatah 3-4 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural/ animal husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS			
KHASI MANDARIN AND ACID LIME	A kui atanga a seng hun	KOLASIB	 Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani.
BANANA STAR FRUIT]	376	Leia tha mamawh tawk a hmuh theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani.
PLUM AND	MAMIT	AIZAWL	♣ A seng hma kar 6 chhung chu tui tha taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah keh tur lakah t a veng thei ani.
PEACH	Y)	7
	35	Gummosis, citrus canker, citrus greening and Dieback	Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani.
	5	Fruit fly	Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l.
PLANTATION CR	OP		-
COFFEE	All stages	LAWNGTLAL	Nursery stage ↓ Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. ↓ A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. ↓ Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. ↓ Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. ↓ Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani.

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			Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
			♣ A rah hmin tha lo ho chu nuai sawm
	7 1	2	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
	V	borer	ani.
	((♣ Hmaih neih nuaih loh tur ani.
)	CO. 3	♣ Sneg hmaih te lakkhawma paih vek tur
	(1 1	ani.
	1		♣ Seng bang zawng zawng chu uluka taka
	- 1		paih fai vek tur ani.
	J		♣ A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani.
	J. Instanti	1	Hmun dam lutukah dah loh tur.
	3	Z AIZAVVL Z	Boruak tha taka a hmuh theih nan leh a
		7	rawn chawr no theih nan thlai chu uluk tak a hlawi tur ani.
	Y.)	tak a mawi tur am. 4 Chuan hei hian kah tur ani. Quinalphos 25
	1	1 - 1	EC @ 340 ml/200 lit emaw lamda
			cyhalothrin 5 EC 120 – 160 ml / 200 lit.
) 6		♣ In leh loa sawngbawln a a ro dan tur
	1		tawkah chuan: Arabica / robusta
		SERCHN	
		1	robusta cherry 11.0 %.
	λ	Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
			dang te paihpaih vek tur ani.
			Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
		LUNGLEI	Oxycarboxin 0.03% in May - June (Pre-
CERRALC AND	NIII CE CEORG	THE PARTY OF THE P	monsoon) ah kah chhunzawm tur ani.
CEREALS AND		Cont.	1 17. in in 1 in
Rabi Maize	A chin hun	n (~	→ Vaimim chinna tur atan lei kan let
			phut darh anga.
	(Hei hian a rawn to chhuah na tur atan
	l l		a pui dawn a ni.
	N N	3 -5 7	4 A chi chu kan lei leh saah chuan kan
		1	dah ang.
		Leavanner as al	4 A chi chu Thiram @4 g/kg seed hian ak
		LAWNGTLAN	sawngbawl hmasa anga.
		SAIHA	4 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			♣ A chi tuh hma in lei leh FYM @5-10
		10 M	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		V V V	3 P a g e

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	5		K ₂ O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni.
Soybean, pea, lentil toria, breen gram and black gram cultivation in rice fellow	All stage	Zero tillage	 A than a that theih nan nikhat danah tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani.
Potato	Sowing stage	AIZAWL	 Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani.
VEGETABLE CR			1 70
Tomato	Bacterial Blight disease	LUNGLEI	Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani .
Early Cole crop	Black spot disease	LAWNGTLAUSAIHA	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn

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	5	KOLASIB	4	awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.
Onion and	Nursery stage	Poly house		A than a that their nan nikhat danah
capsicum	1	1	1	tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula
	7			hnim ring vawm khawm hi tui pek
	1	2		zawhah dah tur ani.
	J		1	Thlai chhina hmun (nursery) hi hnim a
	MAMIT		1	to loh nan Pendimethalin @ 3.5ml hi
	\$	1.77000		tui liter 1 zelah pawlh a kah hi a tha hle ani.
	1	Phytopthora		A chi ven that nan thiram 3g/kg seed
	1	blight	_	emaw Trichoderma viride 4g+ metalaxyl 4g
	1	blight	_	(Apron)/ kg seed hi a tha hle ani
	1	1 3 3	*	Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper
	1		->	oxychloride a tui liter 1 hi 10-15 DAS a
		STREAM	m f	pek hi a tha hle ani.
French bean	Sowing stage	(~)		Tui pek a hnihnah hringa khuh tur ani
				a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani.
	1			A than duna theih nan leh hnim to loh
	1		-	na turin a kung bulah lei vur chhoh zel
		LUNGLE		tur ani.
Carrot and	Sowing stage			A than a that theih nan nikhat danah
radish	1	500		tui pek thin tur ani.
		17		Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani.
				Zikhlum lam chi ah chuan sik leh
	ì	1 7 6		sa vangin a hnah ah thil dum a
	1	1 55 7		rawn awm thina, hei hi natna
				tlanglawn ber ani.
		LAWNGTLAN	4	Thlai hna lam chi leh zikhlum lam
		SAIHA		chi reng reng enkawl nan
			Ţ,	Mancozeb @ 2gm ah tui leter 1
			-0	pawlha kah tur ani.

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ANIMAL HUSBE	NDARY		
Pig	All stages	KOLASIB	 Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani.
	MAMIT	Porcine Reproductive Respiratory Syndrome (PRRS).	Vawknote emaw vawk lak hran.
	Adult stage	Swine fever.	2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani.
Cattle	All age group	SERCHH	Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani.
	All age group	Foot and Mouth Disease (FMD)	Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani.
Poultry	Litter management	LAWNGTLAL	4 Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a.

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			4	Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur
	5	1	4	ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani.
	Preventive	0-3 rd week	4	Ranikhet Disease- an pian atanga ni
	measures	/_	1	1-6 ah F1 vaccine pek tur ani a, chuan
	mousures	GPy)		a puitlingh chuan R ₂ B vaccine pek tur
	5			ani.
)	5	4	B complex with antibodies
	1	4th weeks	4	Coccidiosis- Amprolium or
	2			coccidiostat
	J. MAMIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY	1	AIZAVA	CH	AMPAI (
	Monitoring		4	Sangha te hi chaw a hmuar kai lo
	(Sangha	3	1	chauh pek thin tur ani. Sangha chaw a
	enkawl)	3 64		lo hmuar anih chuan pek hma in ni sa
	CIIRAWI			a phoro phawt tur ani.
	3 (4	Sangha chaw hi a hmuar lohna turin
	1			hmun ro leh uap lutuk lo ah dahthat
		SERCH	OP.	tur ani a, hmuar atang a tur lo inseam
		V		thin, aflatoxin avang a sangha thi lak
	-			atangin sangha a him phah thin.
	- 4		4	Dil sah kang veka sangha man thin
			-	hian a kumleh a sangha khawinan a dil
		LUNGLEI	0.0	buatsaih a ti awlsam a, dil mawng
	3	THE PROPERTY OF THE PARTY OF TH	1	phoro, chinai phul, leitha hman leh tul
	201	Ent.		dang in dil buatsaih tur ani.
		17 ()	1	Sangha te natna lak atangin an him em
)		(0	tih enfiah fo a tha a, natna hmuh anih
	(19 20		chuan mithiam te rawn vat a, diltui enfiah vat tur ani.
			1	A ranglam a chinai @50kg/ha leh
		30	3	tuisen @1.5mg/l diltui a hman hian
				sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
		SAIH	1	5 5
				C-1
			1	2
		N 1	5	

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Champhai Period: 21 February - 25 February, 2018

Date of issue: 20th February, 2018 Bulletin No: - 772/2018/ Bulletin/English

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	29	30
Min Temp (°C)	9	9	9	10	10
Cloud Coverage	Clear sky				
Max RH (%)	84	85	85	77	88
Min RH (%)	16	16	18	19	17
Wind Speed (KmpH)	3	3	4	4	4
*Wind Direction	S-E	S-E	E	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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm Champhai- 0.00mm (09.28mm)

Saiha- 0.00 mm (08.44mm) Kolasib- 0.00mm (09.40mm)

(08.44mm)

(10.31mm)Lawngtlai-0.00mm

Lunglei-0.00mm

(09.60mm)

Mamit-0.00mm

Serchhip-0.00mm

(10.88mm)Weather summary of the past three days

Weather forecast valid from 21stFebruary, 2018 To 25thFebruary, 2018.

Maximum Tem. (°C):26-27°C Minimum Tem. (°C):15-16°C

Maximum RH (%):73-82% Minimum RH (%):48-67%

Wind Direction: Southeasterly

Cloud cover: Clear sky Wind speed: 1-2 km/hr

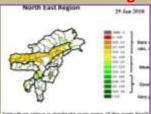
Rainfall: 00.0 mm

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-30°C and 9-10°C. Maximum relative humidity is expected in the range of 77-88% and minimum may from 17-19%. Wind direction would be southeasterly to easterly and southeasterly with the wind speed of 3-4 km per hour. Clear sky will prevail during the next five days.

(08.86mm)

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal
Animal		practices/ Pest/	husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS			
KHASI	Flushing	< 3	♣ According to forecast and past weather
MANDARIN	stage	KOLASIB	record, there is no probability of
AND ACID	7		rainfall. So weekly irrigation is required
LIME)	C AN	for upcoming week or use straw mulch
STAR FRUIT	\$	2 1	reduces soil water loss.
STAR FRUIT	3	Come L	♣ Pruning should involve removing
	1		unhealthy, unwanted and poorly
PLUM AND	2	/	positioned branches but minimise the loss of healthy foliage.
PEACH	MAMIT		The best time to prune is soon after
PEACH	5	AIZAWL)	harvest in winter to early spring before
	1	Constant:	bud break. For late varieties where two
	1)	crops may hang on the tree at once
	1	6 2	some of the new crop may be lost.
	1		
	1 6		mixture to reduce the damage of white
	1)		ant upto 4 feet height.
		SERCHN	Apply Bordeaux mixture to the plant after
	1	V~ 1	pruning.
	(♣ Application of split dose of fertilizer 600:
			200:100 (g/pt).
	J. P.	Gummosis,	→ Due to low temperature and humidity
		citrus canker,	disease appearance will more. Use Bordeaux
)	citrus greening	past in tree trunk, twigs and branches protect healthy plant from soil borne
	1	and Dieback	disease.
PLANTATION CR	OP		
COFFEE	Blooming	3	♣ If day temperature and prolong dry
	stage	(5 20)	spell occur it lead to Floral
			abnormalities like "Star Flower" in
		30	Arabica and "Pink Flower" in Robusta.
			♣ Irrigation of plants at alternate day's
		LAWNGTLAL	interval, 6 weeks before harvesting
		SAIHA	improves fruit retention and fruit
			development, and reduces fruit
		1	cracking and improves the fruit quality. Hulching should be done with dry
		0 N	- widening should be done with dry
		1 4 6	2 P a g e

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				grasses near the tree base to conserve soil moisture during winter.
			4	The young fruit plant must be irrigated
	1	1		at weekly interval for better
	1	5	_	establishment.
		KOLASIB	. *	Foliar application of Mepiquat chloride @ 1000 PPM concentration or 0.75%
	(3	SSP @ 1.5 g per 200 lt of water 15 days
)	60°)		interval.
Rubber	Vegetative		+	According to forecast and past weather
	stage	7 5		record, there is no probability of
				rainfall. So weekly irrigation is required
	\$ MAMIT			for upcoming week or use straw mulch reduces soil water loss.
	2 11100000	1	24	Farmers can go for tapping upto last
	1	(AIZAVVL)	9	week of January.
	1	3	4	Make fire line around the field to save
	1	S		from fire.
	1		4	Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	2 6			between 4 plants. Store dried leaves in
	1)			the pit and after 4 months it can use as
Strawberry	Fruit	SERCHH	4	manure. Possibility of rain will be very less. So
Scramborry	formation to			provide water every alternate day.
	harvesting	4	4	Harvest all mature fruits or partially
	stage	0.5		matured fruit
	3	Managera	+	Periodical harvest must be done once in
CEREALS AND I	DIII CE CDODC	LUNGLEI		a week
Rabi Maize	Harvesting		4	Possibility of rain will be very less.
Rabi Maize	stage	m Em		Harvest all the mature cobs.
	Stuge	16	4	Keep harvested cobs in sundry for 8 to
		(la se)		10 days to keep the moisture level
				below 10%.
		-0	+	25% seed will keep as seed for next
				year. Perrot attacking trap should be made
		LAWNGTLAND	-	Parrot attacking trap should be made around field to escape crop from
		# SAIHA		damage.
Zero tillage	Pod	Zero tillage	_4	Possibility of rain will be very less. So
Greengram	formation	1 2 1		provide water every alternate day.
	•		11	

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and blackgram	stage		Collection and destruction of damage plant or plant part and spraying of any
			systemic insecticide @ 2ml/lit should
	1	1	be done.
	1	5	♣ Apply 2% urea solution to avoid stress
		KOLASIB	condition.
Zoro tillogo	Pod	1	Provide irrigation once in a week.Possibility of rain will be very less. So
Zero tillage Soybean	formation	Zero tillage	provide water every alternate day.
cultivation in		2 1	♣ Collection and destruction of damage
Jhum	stage		plant or plant part and spraying of any
Jnum	1		systemic insecticide @ 2ml/lit should
	2		be done.
	MAMIT	(♣ Apply 2% urea solution to avoid stress
	5	LAIZAWL I	condition.
			♣ Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	♣ Possibility of rain will be very less. So
Toria	formation	3 26	provide water every alternate day.
	stage		Apply split dose of fertilizer for better
	1 (growth. Collection and destruction of Blister
	1)		beetles and spraying of Neem oil
		SERCHH	@3ml/lit should be done.
	1	The state of the s	Apply split dose of fertilizer for better
			growth.
	- 1	9.5	♣ Provide irrigation once in a week.
VEGETABLE CRO		A Olivery Const	
Ginger and	Harvesting	LUNGLEI	♣ Turmeric and ginger is harvested when
turmeric	stage		leaves start yellowing and ultimately the stem dries down.
		500	The plants are-cut close to the ground.
		17	♣ The crop is irrigated lightly for easy
		P \	digging.
			Harvesting consists of digging of
) 55 Y	underground clumps of rhizomes
			with pick axe or digging fork.
		LAWNGTLAN	Fingers are separated from mother
		SAIHA	rhizomes.
			♣ Wash clumps of rhizomes with water
			and keep it for sundry.
		0 5	♣ Seed stock will be store from partially

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			dry sample. Lut the rhizome to small pieces for
			proper drying.
Early cole	Harvesting	/	♣ According to forecast and past weather
crop	stage	2	record, there is no probability of
•		V comment	rainfall. So weekly twice irrigation is
	1	KOLASIB	required for upcoming week or use
	1	LA	straw mulch reduces soil water loss.
	/	7 4 7	Harvest all mature cards.
	7		♣ Don't spray any kind of pesticide to the
	- 1	5 6	crop which creates more health hazard.
Onion	Bulb	Poly house	♣ Provide irrigation every alternate day
	formation		due to non availability of rain.
	stage	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Intercultural operations should be
	3.0	Z ATZAWIL I	done regularly to keep the crop free from weeds and better growth of bulb.
	1	1	Remaining quantity of nitrogen is
	1	3	applied 30-40 days after transplanting.
	1	1 85	Provide irrigation if water is require.
	1 0	- 1 3 4	Low temperature and high humidity
	100		influence the population of onion trips.
		SERCHN	Apply any systemic insecticide 1.5
		SERONN	ml/lt of water.
French bean	Flowering to		♣ Possibility of rain will be less coming
	fruiting stage		five days. So alternate irrigation should
			be done 5 days interval.
	3.6	NAME OF THE OWNER, OF THE OWNER, OF THE OWNER,	Remaining quantity of nitrogen is
		LUNGLEI	applied 30-40 days after sowing.
			Low temperature and high humidity
		500	influence the activity of stem rot. Apply Hexaconazole 1.5 ml/lt of water for
		17	better growth and development
Capsicum	Vegetative	Poly house	♣ Intercultural operations should be done
Jupoloum	stage	1019 110000	regularly to keep the crop free from
	Jugo) 55 Y	weeds and aeration of the root system.
		V V	Remaining quantity of nitrogen is
		LAWNGTLAN	applied 30-40 days after transplanting.
		SAIHA	Provide irrigation if water is require.
		(()	Apply any systemic insecticide to
			reduce damage of chilli thrips.
Brinjal	Fruiting to	200	According to forecast and past weather

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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
		1	required for upcoming week or use
	8.1	1	straw mulch reduces soil water loss.
		7	Interculture operation should be done near to the base of the plant.
		KOLASIB	Apply split dose of nitrogenous
	- (fertilizer to the plant.
)	W.)	Fruit and shoot borer attack will mare
	\$	2 1	in dry weather. Apply any systematic
	()	San Car	insecticide for better cure.
			Harvest all mature fruit.
	12		♣ Seed must be keep for next rabi
	MAMIT	()	season.
Chilli	Vegetative to	AIZAWL)	♣ According to forecast and past weather
	flowering	A STATE OF THE STA	record, there is no probability of
	stage)	rainfall. So weekly twice irrigation is
	1	a la	required for upcoming week or use
	1		straw mulch reduces soil water loss.
	1	~ Y	Interculture operation should be done near to the base of the plant.
	1)		Apply aplit does of nitrogenesis
		SERCHN	fertilizer to the plant.
	- 1	V L	Mature fruit should be harvested and
Tomato	Flowering to		According to forecast and past weather
	harvesting	6.	record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
		LUNGLEI	required for upcoming week or use
	3		straw mulch reduces soil water loss.
		500	If irrigation is not available keep grass
	- 7	11	and dry leaves as mulch. Harvest all the mature which colour
)		change to pale yellow to red.
		7 (1	Seed must be keep from self pollinated
		1 6 4	variety.
		Fruit fly	♣ In large gardens apply carbaryl 0.2 per cent
		LAWNGTLAN	or malathion 0.15 per cent suspension
		SAIHA	containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit
			initiation.
Potato	Harvesting		If the leaves and plant became dry it
		200	means plant ready for harvesting.
		1111	6 P a g e

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	a.k.c		Ones the framery with the last
	stage		4 Open the furrow with the help of
			spade, harvest all mature tubers. Discard all mother tubers from
			♣ Discard all mother tubers from harvested potato tubers.
	1. 1	1 3	<u> </u>
	1 1	5	♣ Keep 7 -10 days for drying or reduce
		KOLASIB	the moisture level in shed dry.
ANIMAL HUSBEN	IDADV	A STATE OF THE STA	
Pig		WY 3	♣ Animals must keep in dry place or
Fig	All stages	1 1	kept in alleviated area and dry bedding
	3	The second second	(straw) to be provided to young
	Į.		animals.
			↓ 1 st injection at 6 months of age and
	MAMIT		2nd injection at 12 months of age
	Z. 1775-1773	And the same of th	followed by annual vaccination under
	1	A ATZAWIL	vet supervision against FMD.
	1	1	Reduce concentrate diet up to 5%.
	\	()	♣ Provide adequate potable water.
	1	27	♣ In present weather conditions
) 0	- 1 4	vaccinate against swine fever (Vaccines
	100		available in State Veterinary Departs)
		Porcine	1. Culling of positive pigs or piglets.
		Reproductive	
	V.	Respiratory	1 3
		Syndrome (PRRS).	
Cattle	All age group		♣ In present weather conditions, special
		Unit the second	care should be taken against attack of
		LUNGLEI	maggots in the wounds of animals
	3		Application of turpentine oil in the
		500	wounds followed by application of
	. 7	11 ()	antibiotics for five days is advised.
			Provide UMB/Molases if possible in the
		1 5 6	feed
	,		Provide 10-30 ml of vitamin B-Complex
		1	in feed
			1st injection at 6-8 weeks of age, 2nd
		LAWNGTLAU	injection after 6 months of 1st injection
		# SAIHA	followed by annual vaccination under vet supervision.
			Separate sick animals.
			The animal should be washed with
	<u> </u>	0 10	The annual should be washed with
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Mizoram Centre, Kolasib- 796081, MIZORAM

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



	5		lukewarm water added with little potash (KMnO4) or neem leaves. Long hair near the udder/stomach/back legs should be teamed short.
FISHERY	All age group	AIZAWL	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FISHERI	Monitoring of fish in pond	LUNGLEI	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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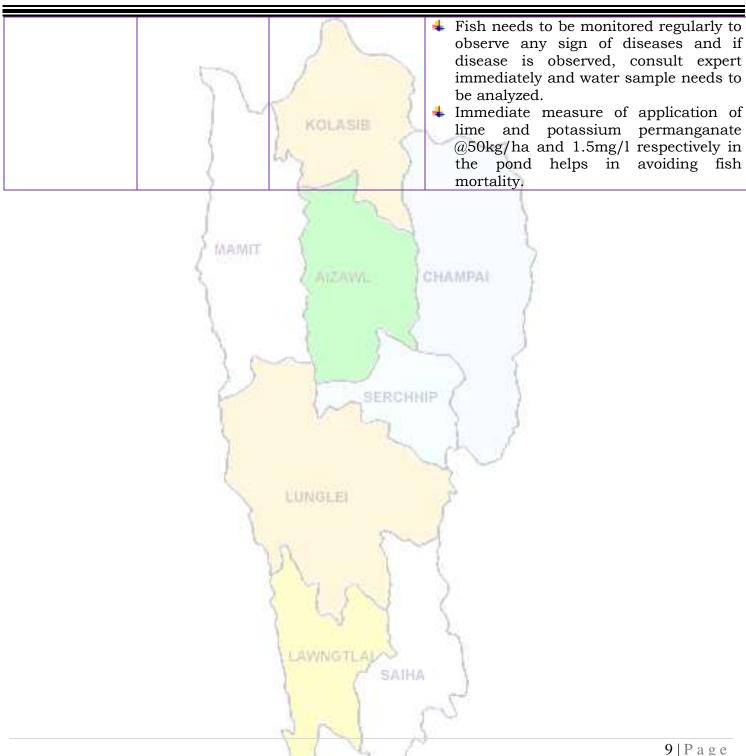


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Mizoram Centre, Kolasib- 796081, MIZORAM (Prepared based on District wise Weather Forecast received from IMD, Guwahati)



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LAWNGTLAL

CHAMPAI

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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: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/Mizo

	0.00	P	4.0		
Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	29	30
Min Temp (°C)	9	9	9	10	10
Cloud Coverage	Clear sky				
Max RH (%)	84	85	85	77	88
Min RH (%)	16	16	18	19	17
Wind Speed (KmpH)	3	3	4	4	4

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

S-E

Status of Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm Champhai- 0.00mm

S-E

Saiha- 0.00 mm

Kolasib- 0.00mm (09.40mm)

S-E

(10.31mm) Lawngtlai-0.00mm

*Wind Direction

(09.28mm) Lunglei-0.00mm (08.44mm) Mamit-0.00mm

Serchhip-0.00mm

(10.88mm)

(09.60mm)

(08.86mm)

(08.44mm)

Weather summary of the past three days

21st February – 25th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Maximum Tem. (°C):26-27°C Minimum Tem. (°C):15-16°C Maximum RH (%):73-82% Minimum RH (%):48-67% Wind Direction: Southeasterly

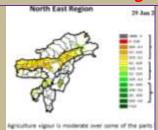
Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-30°C a ni ang a. A vawh lai ber in 9-10°C ni tura beisei a ni. RH san lai berin 77-88% leh a hniam lai berin 17-19% ni tur a rin niin. Thli hi darkar khatah 3-4 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

Date of issue: 20th February, 2018

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Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural / animal husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS		- C	# 771.11 1.1. (1.1.! 11 11 1 1
KHASI MANDARIN AND ACID LIME	A kui atanga a seng hun	KOLASIB	 Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani.
BANANA STAR FRUIT	}	374	 Leia tha mamawh tawk a hmuh theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani. A seng hma kar 6 chhung chu tui tha
PLUM AND	(MAMIT	AIZAWL	taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah
PEACH	1		keh tur lakah t a veng thei ani.
	35	Gummosis, citrus canker, citrus greening and Dieback	♣ Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani.
	5	Fruit fly RCHH	Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l.
PLANTATION CR	OP		
COFFEE	All stages	LAWNGTLANSAIHA	Nursery stage ↓ Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. ↓ A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. ↓ Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. ↓ Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. ↓ Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani.

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			Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
		/	♣ A rah hmin tha lo ho chu nuai sawm
	3 1	2	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
		borer	ani.
	(f., (
)	60	♣ Sneg hmaih te lakkhawma paih vek tur
	8	2	ani.
	5	The same of the sa	♣ Seng bang zawng zawng chu uluka taka
	1		paih fai vek tur ani.
			4 A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani. Hmun dam lutukah dah loh tur.
	7. 10.55		Boruak tha taka a hmuh theih nan leh a
	7.	Z ATZAVVIL	rawn chawr no theih nan thlai chu uluk
	1	2	tak a hlawi tur ani.
	1		4 Chuan hei hian kah tur ani. Quinalphos 25
	16	3 64 6	EC @ 340 ml/200 lit emaw lamda
			cyhalothrin 5 EC 120 – 160 ml / 200 lit.
			♣ In leh loa sawngbawln a a ro dan tur
	1		tawkah chuan: Arabica / robusta
		SERCHN	
		0 00 00	robusta cherry 11.0 %.
	(Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a dang te paihpaih vek tur ani.
			Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
	The same of the sa	AVIEWS THE	Oxycarboxin 0.03% in May - June (Pre-
		LUNGLEI	monsoon) ah kah chhunzawm tur ani.
CEREALS AND I	PULSE CROPS		
Rabi Maize	A chin hun	- E	🖊 Vaimim chinna tur atan lei kan let
		17	phut darh anga.
	1		Hei hian a rawn to chhuah na tur atan
		7 ()	a pui dawn a ni.
	N.		♣ A chi chu kan lei leh saah chuan kan
		1	dah ang.
		language and the second	♣ A chi chu Thiram @4 g/kg seed hian ak
		LAWNGTLAN	sawngbawl hmasa anga.
		# SAIHA	≠ 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			♣ A chi tuh hma in lei leh FYM @5-10
		0 0	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
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	5		K ₂ O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni.
Soybean, pea, lentil toria, breen gram and black gram cultivation in rice fellow	All stage	Zero tillage	 A than a that theih nan nikhat danah tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani.
Potato	Sowing stage	SERCHH	 Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani.
VEGETABLE CR			# m
Tomato	Bacterial Blight disease	LUNGLEI	Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani .
Early Cole crop	Black spot disease	LAWNGTLAL	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn

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	5		awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.
Onion and capsicum	Nursery stage	Poly house	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani.
	1	Phytopthora blight	 ♣ A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani ♣ Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani.
French bean	Sowing stage	LUNGLEI	 Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani.
Carrot and radish	Sowing stage	LAWNGTLANSAIHA	 A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.

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ANIMAL HUSBE	NDARY		
Pig	All stages	KOLASIB	 Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani.
	MAMIT	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Vawknote emaw vawk lak hran.
	Adult stage	Swine fever.	2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani.
Cattle	All age group	SERCHN	Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia
	All age group	Foot and Mouth Disease (FMD)	Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani.
Poultry	Litter management	LAWNGTLAL	 Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a. An hriselna atan enkawlna tha tawk tak pek hian natna an kai mai theih tur lak atang a venna tha ber ani.

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			4	Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur
	5		4	ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani.
	Preventive measures	0-3 rd week	.±	Ranikhet Disease- an pian atanga ni 1-6 ah F1 vaccine pek tur ani a, chuan a puitlingh chuan R ₂ B vaccine pek tur ani. B complex with antibodies
	}	4 th weeks	+	Coccidiosis- Amprolium or coccidiostat
	MADVIT	4-5 th Weeks		Calcium tonic fortified with B ₁₂
FISHERY	1	(AIZAWIL.	CHA	AMPAI }
	Monitoring (Sangha enkawl)	LUNGLEI	+ + +	Sangha te hi chaw a hmuar kai lo chauh pek thin tur ani. Sangha chaw a lo hmuar anih chuan pek hma in ni sa a phoro phawt tur ani. Sangha chaw hi a hmuar lohna turin hmun ro leh uap lutuk lo ah dahthat tur ani a, hmuar atang a tur lo inseam thin, aflatoxin avang a sangha thi lak atangin sangha a him phah thin. Dil sah kang veka sangha man thin hian a kumleh a sangha khawinan a dil buatsaih a ti awlsam a, dil mawng phoro, chinai phul, leitha hman leh tul dang in dil buatsaih tur ani. Sangha te natna lak atangin an him em tih enfiah fo a tha a, natna hmuh anih chuan mithiam te rawn vat a, diltui enfiah vat tur ani. A ranglam a chinai @50kg/ha leh tuisen @1.5mg/l diltui a hman hian sangha natna avang a thi tur lak atangin a veng thei.
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LAWNGTLAL

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ICAR RESEARCH COMPLEX FOR NEH REGION

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District: Kolasib Period: 21 February - 25 February, 2018

Date of issue: 20th February, 2018 Bulletin No: - 772/2018/ Bulletin/English

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	29	29
Min Temp (°C)	12	12	12	13	13
Cloud Coverage	Clear sky				
Max RH (%)	75	72	70	68	75
Min RH (%)	22	21	31	22	30
Wind Speed (KmpH)	4	4	4	4	4
*Wind Direction	S-E	S-E	S-E	S-E	S-E

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

Status of Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm Champhai- 0.00mm (09.28mm)(10.31mm)

Saiha- 0.00 mm Kolasib- 0.00mm (08.44mm)(09.40mm)

Lawngtlai-0.00mm (10.88mm) Lunglei-0.00mm

(09.60mm)

Mamit-0.00mm (08.86mm) Serchhip-0.00mm

(08.44mm)

Weather summary of the past three days

Weather forecast valid from 21stFebruary, 2018 To 25thFebruary, 2018.

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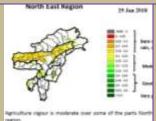
Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-29°C and 12-13°C. Maximum relative humidity is expected in the range of 68-75% and minimum may from 21-30%. Wind direction would be southeasterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural/ animal husbandry advisories
/Fisheries FRUITS CROPS		Diseases	
KHASI MANDARIN AND ACID LIME	Flushing stage	KOLASIB	According to forecast and past weather record, there is no probability of rainfall. So weekly irrigation is required for upcoming week or use straw mulch
STAR FRUIT		\$4	reduces soil water loss. Pruning should involve removing unhealthy, unwanted and poorly positioned branches but minimise the
PLUM AND PEACH	MAMIT	AIZAWL	 loss of healthy foliage. The best time to prune is soon after harvest in winter to early spring before bud break. For late varieties where two crops may hang on the tree at once some of the new crop may be lost. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. Apply Bordeaux mixture to the plant after pruning. Application of split dose of fertilizer 600: 200:100 (g/pt).
	1	Gummosis, citrus canker, citrus greening and Dieback	Due to low temperature and humidity disease appearance will more. Use Bordeaux past in tree trunk, twigs and branches protect healthy plant from soil borne disease.
PLANTATION CR			T 70 1
COFFEE	Blooming stage	LAWNGTLALSAIHA	 ♣ If day temperature and prolong dry spell occur it lead to Floral abnormalities like "Star Flower" in Arabica and "Pink Flower" in Robusta. ♣ Irrigation of plants at alternate day's interval, 6 weeks before harvesting improves fruit retention and fruit development, and reduces fruit cracking and improves the fruit quality. ♣ Mulching should be done with dry
		112	2 Page

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			grasses near the tree base to conserve
			soil moisture during winter.
		5	♣ The young fruit plant must be irrigated
	()	6	at weekly interval for better
) \	-1	establishment.
	1	V consumer (♣ Foliar application of Mepiquat chloride
	1	KOLASIB	@ 1000 PPM concentration or 0.75%
	1	La S	SSP @ 1.5 g per 200 lt of water 15 days
	1	7 2	interval.
Rubber	Vegetative		♣ According to forecast and past weather
	stage	5	record, there is no probability of
	1		rainfall. So weekly irrigation is required
	12		for upcoming week or use straw mulch
	MAMIT	3	reduces soil water loss.
	5	AIZAWL I	Farmers can go for tapping upto last
	1	Canediane.	week of January.
	1)	♣ Make fire line around the field to save
	A.		from fire.
	1		♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	2 6		between 4 plants. Store dried leaves in
	1		the pit and after 4 months it can use as
		SERVIN	manure.
Strawberry	Fruit	~	♣ Possibility of rain will be very less. So
	formation to		provide water every alternate day.
	harvesting		♣ Harvest all mature fruits or partially
	stage		matured fruit
		UNION-CO	♣ Periodical harvest must be done once in
		LUNGLEI	a week
CEREALS AND I			* D '1'1'. C ' '111 1
Rabi Maize	Harvesting	5	Possibility of rain will be very less.
	stage	11 / 2	Harvest all the mature cobs.
			♣ Keep harvested cobs in sundry for 8 to
		1 7 6	10 days to keep the moisture level
			below 10%.
		-	♣ 25% seed will keep as seed for next
			year.
		LAWNGTLAL	Parrot attacking trap should be made
		# SAIHA	around field to escape crop from
7 a.m. 4:11	D- 4	7 and 4:11	damage.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Greengram	formation	2 5	provide water every alternate day.
		1/1/	3 Page
			5 1 4 5 0

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and blackgram	stage		Collection and destruction of damage plant or plant part and spraying of any
		5	systemic insecticide @ 2ml/lit should
	1	1	be done.
	1	5	♣ Apply 2% urea solution to avoid stress
		KOLASIB	condition.
Zana Aillana	Do d	1	Provide irrigation once in a week.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So provide water every alternate day.
Soybean	formation	1 1	♣ Collection and destruction of damage
cultivation in	stage	The same of the sa	plant or plant part and spraying of any
Jhum	1		systemic insecticide @ 2ml/lit should
		/	be done.
	MAMIT		♣ Apply 2% urea solution to avoid stress
	\$	100000	condition.
	- 1	(AIZAWIL)	Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	♣ Possibility of rain will be very less. So
Toria	formation	6 7	provide water every alternate day.
	stage		♣ Apply split dose of fertilizer for better
	1		growth.
	1)		Collection and destruction of Blister beetles and spraying of Neem oil
		SERCHH	@3ml/lit should be done.
	1	V	♣ Apply split dose of fertilizer for better
	1		growth.
	4		Provide irrigation once in a week.
VEGETABLE CRO)P		
Ginger and	Harvesting	LUNGLEI	♣ Turmeric and ginger is harvested when
turmeric	stage	The second secon	leaves start yellowing and ultimately
		500	the stem dries down.
	7	10	The plants are-cut close to the ground.
			♣ The crop is irrigated lightly for easy
		135 6	digging.
			Harvesting consists of digging of underground clumps of rhizomes
		1	with pick axe or digging fork.
		1	Fingers are separated from mother
		LAWNGTLAN	rhizomes.
		# SAIHA	♣ Wash clumps of rhizomes with water
			and keep it for sundry.
		V S V	♣ Seed stock will be store from partially
		60	

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			dry sample.
			Cut the rhizome to small pieces for
			proper drying.
Early cole	Harvesting		♣ According to forecast and past weather
crop	stage		record, there is no probability of
СГОР	Stage	7	rainfall. So weekly twice irrigation is
		KOLASIB	required for upcoming week or use
	(()	straw mulch reduces soil water loss.
)	wy)	♣ Harvest all mature cards.
	3	2	♣ Don't spray any kind of pesticide to the
	0	Samuel	crop which creates more health hazard.
Onion	Bulb	Poly house	♣ Provide irrigation every alternate day
	formation		due to non availability of rain.
	stage	(♣ Intercultural operations should be
		AIZAWL I	done regularly to keep the crop free
	1	Conemar:	from weeds and better growth of bulb.
	1	5	Remaining quantity of nitrogen is
	A.	1	applied 30-40 days after transplanting.
	1		Provide irrigation if water is require.
	2 6		Low temperature and high humidity
	1		influence the population of onion trips.
		SERCHN	Apply any systemic insecticide 1.5
		~	ml/lt of water.
French bean	Flowering to		+ Possibility of rain will be less coming
	fruiting stage	1	five days. So alternate irrigation should
	()		be done 5 days interval.
	1	NAME OF THE OWNER O	Remaining quantity of nitrogen is applied 30-40 days after sowing.
		LUNGLEI	Low temperature and high humidity
	17		influence the activity of stem rot. Apply
	7	in Em	Hexaconazole 1.5 ml/lt of water for
		11	better growth and development
Capsicum	Vegetative	Poly house	♣ Intercultural operations should be done
	stage		regularly to keep the crop free from
) -3 Y	weeds and aeration of the root system.
		V 25	Remaining quantity of nitrogen is
		LAWNGTLAN	applied 30-40 days after transplanting.
		SAIHA	Provide irrigation if water is require.
		(SAITIN	Apply any systemic insecticide to
			reduce damage of chilli thrips.
Brinjal	Fruiting to		According to forecast and past weather

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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	11-0-2		required for upcoming week or use
	()	6	straw mulch reduces soil water loss.
) \	3	♣ Interculture operation should be done
		KOLASIB	near to the base of the plant.
	1	NULHOID	4 Apply split dose of nitrogenous
)	LA.	fertilizer to the plant.
	(3 4 /	Fruit and shoot borer attack will mare
	7		in dry weather. Apply any systematic
	1	7	insecticide for better cure.
		77	Harvest all mature fruit.
	MAMIT		♣ Seed must be keep for next rabi
Chilli			season. 4 According to forecast and past weather
Ciliii	Vegetative to flowering	(AIZAWL)	record, there is no probability of
		1	rainfall. So weekly twice irrigation is
	stage	(3	required for upcoming week or use
	-	1 83	straw mulch reduces soil water loss.
	1	1 3 4	♣ Interculture operation should be done
	100		near to the base of the plant.
		SERCHN	Apply split does of nitrogramsus
		SERONN	fertilizer to the plant.
	V	I Manager	Mature fruit should be harvested and
Tomato	Flowering to	-	According to forecast and past weather
	harvesting		record, there is no probability of
	stage	Carrier-CO	rainfall. So weekly twice irrigation is
		LUNGLEI	required for upcoming week or use
	3		straw mulch reduces soil water loss.
		500	If irrigation is not available keep grass and dry leaves as mulch.
	- 7	11	Harvest all the mature which colour
			change to pale yellow to red.
		100	Seed must be keep from self pollinated
		1 60 4	variety.
		Fruit fly	♣ In large gardens apply carbaryl 0.2 per cent
		LAWNGTLAL	or malathion 0.15 per cent suspension
		SAIHA	containing sugar or jeggery at 10 g/l at
		(SAINA	fortnightly intervals at flowering and fruit initiation.
Potato	Harvesting		Initiation. If the leaves and plant became dry it
Folato	mai vesting		means plant ready for harvesting.
	<u> </u>		

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			1 Open the frame
	stage		4 Open the furrow with the help
			spade, harvest all mature tubers. Discard all mother tubers from
			♣ Discard all mother tubers from harvested potato tubers.
	1. 1	8	<u> </u>
	1 1	5	♣ Keep 7 -10 days for drying or reduce
		KOLASIB	the moisture level in shed dry.
ANIMAL HUSBEN	IDADV		★ Keep 25% seed for next season sowing
		WY 3	♣ Animals must keep in dry place of
Pig	All stages	1 1	kept in alleviated area and dry beddir
	3	Comment of the second	(straw) to be provided to your
	1		animals.
	:		↓ 1 st injection at 6 months of age an
	MAMIT		2nd injection at 12 months of ag
	Z. 10000000	A common of	followed by annual vaccination under
	1	Z ATZAWIL	vet supervision against FMD.
	- 1	1	Reduce concentrate diet up to 5%.
	((Provide adequate potable water.
	1	2 1	In present weather condition
	1	1 3 4	vaccinate against swine fever (Vaccine
	1		available in State Veterinary Departs)
		Porcine	
		Reproductive	
	9	Respiratory	3 3
		Syndrome (PRRS).	ah 1
Cattle	All age group		♣ In present weather conditions, speci
			care should be taken against attack
		LUNGLEI	maggots in the wounds of animal
	3		Application of turpentine oil in the
		55	wounds followed by application
	. 7	11	antibiotics for five days is advised.
			Provide UMB/Molases if possible in the
		1 75 19	feed
			Provide 10-30 ml of vitamin B-Comple
		30	in feed
			1st injection at 6-8 weeks of age, 2n
		LAWNGTLAL	injection after 6 months of 1st injection
		# SAIHA	followed by annual vaccination unde
		1	vet supervision.
			Separate sick animals.The animal should be washed with
		2 5	The animal should be washed wh
		VIV.	7 P a g e

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	5		lukewarm water added with little potash (KMnO4) or neem leaves. Long hair near the udder/stomach/back legs should be teamed short.
FISHERY	All age group	AIZAWA	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FIGHERI	Monitoring of fish in pond	LUNGLEI	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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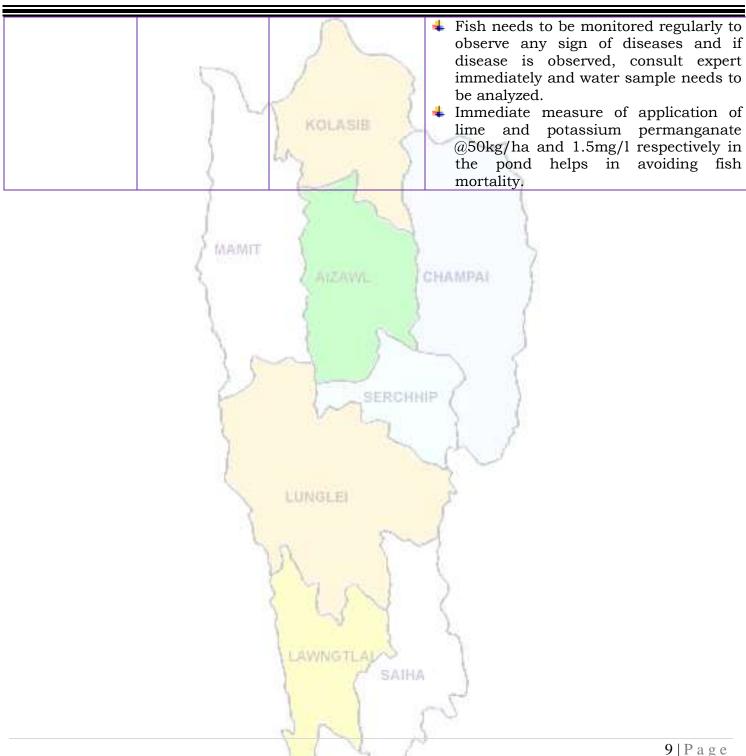


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SAIHA

LAWNGTLAL

CHAMPAI

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District: Kolasib Period: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/Mizo

	1.0	P	5		
Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	29	29
Min Temp (°C)	12	12	12	13	13
Cloud Coverage	Clear sky				
Max RH (%)	75	72	70	68	75
Min RH (%)	22	21	31	22	30
Wind Speed (KmpH)	4	4	4	4	4
*Wind Direction	S-E	S-E	S-E	S-E	S-E

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

Status of Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm

Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm

(10.31mm)

(09.28mm)

(08.44mm)

(09.40mm) Serchhip-0.00mm

Lawngtlai-0.00mm (10.88mm)

Lunglei-0.00mm (09.60mm)

Mamit-0.00mm (08.86mm)

(08.44mm)

Weather summary of the past three days

Maximum Tem. (°C):26-28°C

Minimum Tem. (°C):15-16°C Maximum RH (%):70-82%

Minimum RH (%):42-62% Wind Direction: Southeasterly

Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

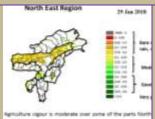
21st February – 25th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Date of issue: 20th February, 2018

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-29°C a ni ang a. A vawh lai ber in 12-13°C ni tura beisei a ni. RH san lai berin 68-75% leh a hniam lai berin 21-30% ni tur a rin niin. Thli hi darkar khatah 4 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural/ animal husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS			
KHASI MANDARIN AND ACID LIME	A kui atanga a seng hun	KOLASIB	 Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani.
BANANA STAR FRUIT]	376	Leia tha mamawh tawk a hmuh theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani.
PLUM AND	MAMIT	AIZAWL	♣ A seng hma kar 6 chhung chu tui tha taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah keh tur lakah t a veng thei ani.
PEACH	Y)	
	35	Gummosis, citrus canker, citrus greening and Dieback	Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani.
	5	Fruit fly RCHH	Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l.
PLANTATION CR	OP		
COFFEE	All stages	LAWNGTLAUSAIHA	Nursery stage ↓ Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. ↓ A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. ↓ Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. ↓ Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. ↓ Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani.

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			Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
			♣ A rah hmin tha lo ho chu nuai sawm
	7 1	2	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
		borer	ani.
	(L. C	♣ Hmaih neih nuaih loh tur ani.
)	CO. 3	♣ Sneg hmaih te lakkhawma paih vek tur
	(1 1	ani.
	1		♣ Seng bang zawng zawng chu uluka taka
	- 1		paih fai vek tur ani.
	J	20	♣ A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani.
	J. Instanti	1	Hmun dam lutukah dah loh tur.
	1	Z AIZAVVL Z	Boruak tha taka a hmuh theih nan leh a
		7	rawn chawr no theih nan thlai chu uluk tak a hlawi tur ani.
	Y.)	tak a mawi tur am. 4 Chuan hei hian kah tur ani. Quinalphos 25
	1	1 - 1	EC @ 340 ml/200 lit emaw lamda
			cyhalothrin 5 EC 120 – 160 ml / 200 lit.
) 6		☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa saw
	1		tawkah chuan: Arabica / robusta
		SERCHN	
		1	robusta cherry 11.0 %.
	λ	Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
		-	dang te paihpaih vek tur ani.
			Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
		LUNGLEI	Oxycarboxin 0.03% in May - June (Pre-
CERRALC AND	NIII CE CECE	THE PARTY OF THE P	monsoon) ah kah chhunzawm tur ani.
CEREALS AND		Cont.	1 17. in in 1 in
Rabi Maize	A chin hun	7 ()	→ Vaimim chinna tur atan lei kan let
			phut darh anga.
	(Hei hian a rawn to chhuah na tur atan
	l l		a pui dawn a ni.
	N N	3 -5 7	4 A chi chu kan lei leh saah chuan kan
		1	dah ang.
		Leavanner as al	4 A chi chu Thiram @4 g/kg seed hian ak
		LAWNGTLAN	sawngbawl hmasa anga.
		SAIHA	4 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			♣ A chi tuh hma in lei leh FYM @5-10
		10 M	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		V V V	3 P a g e

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	5		K ₂ O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni.
Soybean, pea, lentil toria, breen gram and black gram cultivation in rice fellow	All stage	Zero tillage	 A than a that theih nan nikhat danah tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani.
Potato	Sowing stage	SERCHH	 Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani.
VEGETABLE CR			# m
Tomato	Bacterial Blight disease	LUNGLEI	Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani .
Early Cole crop	Black spot disease	LAWNGTLAN	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn

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			awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb
) ~	KOLASIB	@ 2gm ah tui leter 1 pawlha kah tur ani.
Onion and capsicum	Nursery stage	Poly house	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani.
	A MAMIT	AIZAWL	➡ Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani.
		Phytopthora blight	 ♣ A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani ♣ Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani.
French bean	Sowing stage	LUNGLEI	 Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani.
Carrot and radish	Sowing stage		 A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna
		LAWNGTLAUSAIHA	tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.

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ANIMAL HUSBE	NDARY		
Pig	All stages	KOLASIB	 Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani.
	MAMIT	Porcine Reproductive Respiratory Syndrome (PRRS).	1. Vawknote emaw vawk lak hran.
	Adult stage	Swine fever.	2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani.
Cattle	All age group	SERCHH	Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia
	All age group	Foot and Mouth Disease (FMD)	Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani.
Poultry	Litter management	LAWNGTLAL	4 Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a.

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			4	Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur
	5	1	4	ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani.
	Preventive	0-3 rd week	4	Ranikhet Disease- an pian atanga ni
	measures	//		1-6 ah F1 vaccine pek tur ani a, chuan
	1110454105	(A)		a puitlingh chuan R ₂ B vaccine pek tur
	- 5			ani.
	5	San Car	4	B complex with antibodies
		4th weeks	4	Coccidiosis- Amprolium or
	2	/	_	coccidiostat
) MAMIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
DICHEDY	5	T-0 WCCRS	P11	Calcium tome forthed with B ₁₂
FISHERY	1 4	Contraction:	40.00	Alloysi)
	Monitoring	(1 *	Sangha te hi chaw a hmuar kai lo
	(Sangha			chauh pek thin tur ani. Sangha chaw a
	enkawl)			lo hmuar anih chuan pek hma in ni sa
) 6			a phoro phawt tur ani.
	1		-	Sangha chaw hi a hmuar lohna turin
		SERCH	(ID)	hmun ro leh uap lutuk lo ah dahthat
				tur ani a, hmuar atang a tur lo inseam
	V.			thin, aflatoxin avang a sangha thi lak
				atangin sangha a him phah thin.
		100	-	Dil sah kang veka sangha man thin
				hian a kumleh a sangha khawinan a dil
		LUNGLEI	50	buatsaih a ti awlsam a, dil mawng
	3		l J	phoro, chinai phul, leitha hman leh tul
	-	500		dang in dil buatsaih tur ani.
	. 50	111	1	Sangha te natna lak atangin an him em
			- (0	tih enfiah fo a tha a, natna hmuh anih
	((G 26)	- 20	chuan mithiam te rawn vat a, diltui enfiah vat tur ani.
			1	
		-0		A ranglam a chinai @50kg/ha leh tuisen @1.5mg/l diltui a hman hian
			154	sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
		F SAIH	A ₁	aungin a veng mei.
			1	7
		N 12 1	(

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Lawngtlai Period: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/English Date of issue: 20th February, 2018

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	29	30
Min Temp (°C)	9	9	9	10	10
Cloud Coverage	Clear sky	Clear sky	Mainly clear	Clear sky	Clear sky
Max RH (%)	84	85	85	77	88
Min RH (%)	21	26	28	28	35
Wind Speed (KmpH)	4	4	4	4	4
*Wind Direction	N-E	E	E	N-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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm

Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm

(10.31mm)

(09.28mm)

(08.44mm)

(09.40mm)

Lawngtlai-0.00mm

Lunglei-0.00mm

Mamit-0.00mm

Serchhip-0.00mm

(10.88mm)

(09.60mm)

(08.86mm)

(08.44mm)

Weather summary of the past three days

Maximum Tem. (°C):26-27°C Minimum Tem. (°C):13-15°C

Maximum RH (%):73-83%

Minimum RH (%):42-59% Wind Direction: Southeasterly

Cloud cover: Clear sky Wind speed: 1-2 km/hr

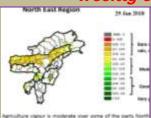
Rainfall: 00.0 mm

Weather forecast valid from 21stFebruary, 2018 To 25thFebruary, 2018.

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-29°C and 9-10°C. Maximum relative humidity is expected in the range of 77-91% and minimum may from 21-35%. Wind direction would be northeasterly to easterly to northeasterly and 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

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural/ animal husbandry advisories		
/Fisheries FRUITS CROPS		Diseases			
KHASI MANDARIN AND ACID LIME	Flushing stage	KOLASIB	According to forecast and past weather record, there is no probability of rainfall. So weekly irrigation is required for upcoming week or use straw mulch reduces soil water loss.		
STAR FRUIT		\$ 1	 Pruning should involve removing unhealthy, unwanted and poorly positioned branches but minimise the 		
PLUM AND PEACH	MAMIT	AIZAWL	 loss of healthy foliage. The best time to prune is soon after harvest in winter to early spring before bud break. For late varieties where two crops may hang on the tree at once some of the new crop may be lost. Use Bordeaux paste or insecticide paste mixture to reduce the damage of white ant upto 4 feet height. Apply Bordeaux mixture to the plant after pruning. Application of split dose of fertilizer 600: 200:100 (g/pt). 		
	1	Gummosis, citrus canker, citrus greening and Dieback	Due to low temperature and humidity disease appearance will more. Use Bordeaux past in tree trunk, twigs and branches protect healthy plant from soil borne disease.		
PLANTATION CR		EALW IV			
COFFEE	Blooming stage	LAWNGTLAL	 ♣ If day temperature and prolong dry spell occur it lead to Floral abnormalities like "Star Flower" in Arabica and "Pink Flower" in Robusta. ♣ Irrigation of plants at alternate day's interval, 6 weeks before harvesting improves fruit retention and fruit development, and reduces fruit cracking and improves the fruit quality. ♣ Mulching should be done with dry 		
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			grasses near the tree base to conserve soil moisture during winter.
	I Promote Color		♣ The young fruit plant must be irrigated
		1	at weekly interval for bette
) \	3	establishment.
		KOLASIB	Foliar application of Mepiquat chloride
	- (@ 1000 PPM concentration or 0.75%SSP @ 1.5 g per 200 lt of water 15 days
)	60	interval.
Rubber	Vegetative		♣ According to forecast and past weathe
	stage	5	record, there is no probability o
	1		rainfall. So weekly irrigation is required
	3 moure		for upcoming week or use straw mulch
	/ MAMIT	1	reduces soil water loss.
	1	Z AIZAWIL	Farmers can go for tapping upto las week of January.
	1	1	♣ Make fire line around the field to save
	1	()	from fire.
	1	1 15	♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft
) 6	- 1 3 X	between 4 plants. Store dried leaves in
	1		the pit and after 4 months it can use a
	_	SERCHH	manure.
Strawberry	Fruit		Possibility of rain will be very less. So
	formation to		provide water every alternate day. Harvest all mature fruits or partially
	harvesting	100	matured fruit
	stage		Periodical harvest must be done once in
		LUNGLEL	a week
CEREALS AND I			
Rabi Maize	Harvesting	500	Possibility of rain will be very less.
	stage	11	Harvest all the mature cobs.
		P \ \	Keep harvested cobs in sundry for 8 to 10 days to keep the moisture level
		7 0	below 10%.
		1 6 4	♣ 25% seed will keep as seed for nex
		1	year.
		LAWNGTLAN	♣ Parrot attacking trap should be made
		SAIHA	around field to escape crop from
F9 , 444		3(2)	damage.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So provide water every alternate day.
Greengram	formation	m 1	provide water every afternate day.

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and blackgram	stage	1	♣ Collection and destruction of damage plant or plant part and spraying of any systemic inserticide @ 2ml/lit should.
			systemic insecticide @ 2ml/lit should be done.
	1 1	1	♣ Apply 2% urea solution to avoid stress
	1	7	condition.
		KOLASIB	Provide irrigation once in a week.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Soybean	formation	W (provide water every alternate day.
cultivation in	stage		♣ Collection and destruction of damage
Jhum	3 - 1 - 3	5	plant or plant part and spraying of any
			systemic insecticide @ 2ml/lit should
	3		be done.
	J' MAMIT	1	♣ Apply 2% urea solution to avoid stress
	1	Z AIZAWL Z	condition.
	0.11	1	Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	Possibility of rain will be very less. So
Toria	formation	3 6 6	provide water every alternate day.
	stage		4 Apply split dose of fertilizer for better
			growth. 4 Collection and destruction of Blister
	1)		beetles and spraying of Neem oil
		SERCHN	@3ml/lit should be done.
	l l	V Lang	♣ Apply split dose of fertilizer for better
	1		growth.
	4		Provide irrigation once in a week.
VEGETABLE CRO)P		
Ginger and	Harvesting	LUNGLEI	♣ Turmeric and ginger is harvested when
turmeric	stage		leaves start yellowing and ultimately
		500	the stem dries down.
		11 / ~	The plants are-cut close to the ground.
			♣ The crop is irrigated lightly for easy
		100	digging.
		() 1	Harvesting consists of digging of underground clumps of rhizomes
		1	with pick axe or digging fork.
		Contract of the Contract of th	Fingers are separated from mother
		LAWNGTLAN	rhizomes.
		# SAIHA	■ Wash clumps of rhizomes with water
			and keep it for sundry.
			♣ Seed stock will be store from partially
		6 6	

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			dry sample.
			Cut the rhizome to small pieces for
			proper drying.
Early cole	Harvesting		♣ According to forecast and past weather
crop	stage		record, there is no probability of
СГОР	stage	7	rainfall. So weekly twice irrigation is
	1	KOLASIB	required for upcoming week or use
	- 4	6.	straw mulch reduces soil water loss.
)	W/5	♣ Harvest all mature cards.
	5		♣ Don't spray any kind of pesticide to the
	7	Since	crop which creates more health hazard.
Onion	Bulb	Poly house	Provide irrigation every alternate day
	formation		due to non availability of rain.
	stage	1	♣ Intercultural operations should be
		LAIZAWL I	done regularly to keep the crop free
	1	Constant Constant	from weeds and better growth of bulb.
	1	j y	Remaining quantity of nitrogen is
	1	6 6 7	applied 30-40 days after transplanting.
	1		Provide irrigation if water is require.
	1		Low temperature and high humidity
	1)		influence the population of onion trips.
		SERCHN	Apply any systemic insecticide 1.5 ml/lt of water.
French bean	Flowering to	V lan	♣ Possibility of rain will be less coming
Fiench bean	fruiting stage		five days. So alternate irrigation should
	ifulting stage		be done 5 days interval.
			♣ Remaining quantity of nitrogen is
		LUNGLEI	applied 30-40 days after sowing.
	3	the sale and the s	Low temperature and high humidity
	5.7	000	influence the activity of stem rot. Apply
		17 (~~	Hexaconazole 1.5 ml/lt of water for
			better growth and development
Capsicum	Vegetative	Poly house	Intercultural operations should be done
	stage		regularly to keep the crop free from
		(3)	weeds and aeration of the root system. Remaining quantity of nitrogen is
		Torreson and the	applied 30-40 days after transplanting.
		LAWNGTLAN	Dravida imigation if water is magnine
		# SAIHA	4 Apply any systemic insecticide to
			reduce damage of chilli thrips.
Brinjal	Fruiting to	A sa to to	♣ According to forecast and past weather
		(a) (b)	U I I I I I I I I I I I I I I I I I I I

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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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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	(III		required for upcoming week or use
	()	6	straw mulch reduces soil water loss.
) \	- 3	♣ Interculture operation should be done
		KOLASIB	near to the base of the plant.
	1	NULHOID	4 Apply split dose of nitrogenous
)	A.	fertilizer to the plant.
	(1 4 1	Fruit and shoot borer attack will mare
	7		in dry weather. Apply any systematic
	1	7	insecticide for better cure.
			Harvest all mature fruit.
	3 annuer		♣ Seed must be keep for next rabi
OL:111	/ MAMIT		season.
Chilli	Vegetative to	AIZAWL /	According to forecast and past weather record, there is no probability of
	flowering	2	rainfall. So weekly twice irrigation is
	stage	- 2	required for upcoming week or use
	40	3 6 6	straw mulch reduces soil water loss.
			Interculture operation should be done
	1		near to the base of the plant.
	1)		Apply split does of nitrogramous
		SERCHN	fertilizer to the plant.
	-	V Long	Mature fruit should be harvested and
Tomato	Flowering to		♣ According to forecast and past weather
	harvesting		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	Stuge	LUNGLEI	required for upcoming week or use
	3	2007 (A. 200	straw mulch reduces soil water loss.
	1	2000	🖊 If irrigation is not available keep grass
	5	7	and dry leaves as mulch.
			Harvest all the mature which colour
	Į.	(19 20)	change to pale yellow to red.
			Seed must be keep from self pollinated
		56	variety.
		Fruit fly	In large gardens apply carbaryl 0.2 per cent
		LAWNGTLAL	or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at
		SAIHA	fortnightly intervals at flowering and fruit
			initiation.
Potato	Harvesting		If the leaves and plant became dry it
		2 5	means plant ready for harvesting.

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	stage	1	 ♣ Open the furrow with the help of spade, harvest all mature tubers. ♣ Discard all mother tubers from 			
	1	KOLASIB	 harvested potato tubers. ★ Keep 7 -10 days for drying or reduce the moisture level in shed dry. ★ Keep 25% seed for next season sowing. 			
ANIMAL HUSBENDARY						
Pig	All stages	AIZAVA	 Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs) 			
		Porcine Reproductive Respiratory Syndrome (PRRS).	1. Culling of positive pigs or piglets.			
Cattle	All age group	LUNGLEI	 In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days is advised. ♣ Provide UMB/Molases if possible in the feed ♣ Provide 10-30 ml of vitamin B-Complex in feed ♣ 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision. 			
		1	Separate sick animals.The animal should be washed with			

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	57		lukewarm water added with little potash (KMnO4) or neem leaves. Long hair near the udder/stomach/back legs should be teamed short.
Poultry	All age group	AIZAWL	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FISHERY	J.		7
	Monitoring of fish in pond	LAWNGTLALSAIHA	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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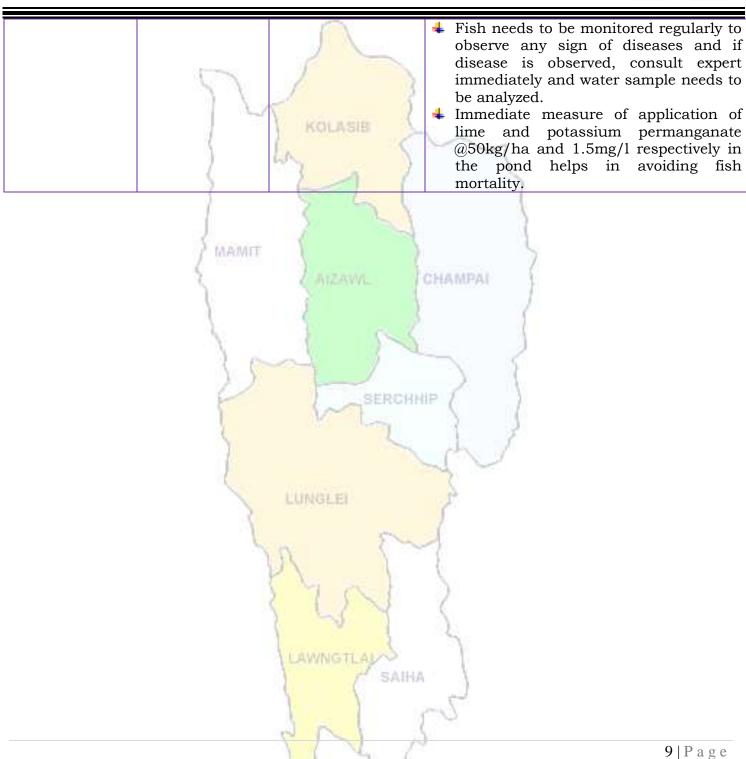


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SAIHA

LAWNGTLAL

CHAMPAI

10 | P a g e

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Parameters Rainfall (mm)

GRAMIN KRISHI MAUSAM SEWA

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



District: Lawngtlai Period: 21 February - 25 February, 2018

22.02.2018

Bulletin No: - 772/2018/ Bulletin/Mizo

21.02.2018

0

3		
23.02.2018	24.02.2018	25.02.2018
0	0	0
28	29	30
9	10	10

Date of issue: 20th February, 2018

	_	_	_	_	_			
Max Temp (°C)	28	28	28	29	30			
Min Temp (°C)	9	9	9	10	10			
Cloud Coverage	Clear sky	Clear sky	Mainly clear	Clear sky	Clear sky			
Max RH (%)	84	85	85	77	88			
Min RH (%)	21	26	28	28	35			
Wind Speed (KmpH)	4	4	4	4	4			
*Wind Direction	N-E	E	E	N-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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm

Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm

(10.31mm)

(09.28mm)

(08.44mm)

(09.40mm)Serchhip-0.00mm

Lawngtlai-0.00mm (10.88mm)

Lunglei-0.00mm (09.60mm) Mamit-0.00mm (08.86mm)

(08.44mm)

Weather summary of the past

three days

21st February - 25th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Maximum Tem. (°C):26-27°C Minimum Tem. (°C):13-15°C Maximum RH (%):73-83% Minimum RH (%):42-59% Wind Direction: Southeasterly

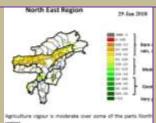
Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-29°C a ni ang a. A vawh lai ber in 9-10°C ni tura beisei a ni. RH san lai berin 77-91% leh a hniam lai berin 21-35% ni tur a rin niin. Thli hi darkar khatah 4 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



Moderately wet mildly dry/mildly wet conditions

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Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural/ animal husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS		- 0	
KHASI MANDARIN AND ACID LIME	A kui atanga a seng hun	KOLASIB	 Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani.
BANANA STAR FRUIT	}	374	 Leia tha mamawh tawk a hmuh theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani. A seng hma kar 6 chhung chu tui tha
PLUM AND	MAMIT	AIZAWL }	taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah keh tur lakah t a veng thei ani.
PEACH	\	5	Ken tur iakan ta veng tueram.
	35	Gummosis, citrus canker, citrus greening and Dieback	♣ Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani.
	5	Fruit fly RCHH	Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l.
PLANTATION CR	OP		
COFFEE	All stages	LAWNGTLAUSAIHA	Nursery stage ↓ Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. ↓ A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. ↓ Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. ↓ Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. ↓ Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani.

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			Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
			♣ A rah hmin tha lo ho chu nuai sawm
	7 1	2	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
		borer	ani.
	(U. C	♣ Hmaih neih nuaih loh tur ani.
)	CO. 3	♣ Sneg hmaih te lakkhawma paih vek tur
	(1 1	ani.
	1		♣ Seng bang zawng zawng chu uluka taka
	- 1		paih fai vek tur ani.
	J	27	♣ A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani.
	J. Instanti	1	Hmun dam lutukah dah loh tur.
	3	Z AIZAWL Y	Boruak tha taka a hmuh theih nan leh a
		3	rawn chawr no theih nan thlai chu uluk tak a hlawi tur ani.
	Y.)	tak a mawi tur am. 4 Chuan hei hian kah tur ani. Quinalphos 25
	1	3 - 1	EC @ 340 ml/200 lit emaw lamda
			cyhalothrin 5 EC 120 – 160 ml / 200 lit.
) 6		☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa saw
	1		tawkah chuan: Arabica / robusta
		SERCHN	
		1	robusta cherry 11.0 %.
	λ	Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
		-	dang te paihpaih vek tur ani.
			Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
		LUNGLEI	Oxycarboxin 0.03% in May - June (Pre-
CERRALC AND	NIII CE CEORG	THE CONTRACTOR OF THE CONTRACT	monsoon) ah kah chhunzawm tur ani.
CEREALS AND		Cont.	1 T7: 10: 10: 11: 10: 10: 10: 10: 10: 10: 10
Rabi Maize	A chin hun	n (~	Vaimim chinna tur atan lei kan let
		31	phut darh anga.
	(Hei hian a rawn to chhuah na tur atan
	Į.		a pui dawn a ni.
	N N	3 -5 7	4 A chi chu kan lei leh saah chuan kan
		1	dah ang.
		Leavent and	4 A chi chu Thiram @4 g/kg seed hian ak
		LAWNGTLAN	sawngbawl hmasa anga.
		SAIHA	4 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			A chi tuh hma in lei leh FYM @5-10
		0 0	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		VIV	3 P a g e

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	5		K ₂ O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni.
Soybean, pea, lentil toria, breen gram and black gram cultivation in rice fellow	All stage	Zero tillage	 A than a that theih nan nikhat danah tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani.
Potato	Sowing stage	AIZAWL	 Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani.
VEGETABLE CR			***
Tomato	Bacterial Blight disease	LUNGLEI	 Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani .
Early Cole crop	Black spot disease	LAWNGTLAL	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn

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			awm thin a , hei hi natna tlanglawn ber ani.
			Thlai hna lam chi leh zikhlum lam
	3 1	1	chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah
		V comment of	tur ani.
Onion and	Numaceur stage	Poly house	♣ A than a that theih nan nikhat danah
capsicum	Nursery stage	Poly House	tui pek thin tur ani.
capsicum	(3 4 /	Thlai bul vawn hnawn nana thlai bula
	7		hnim ring vawm khawm hi tui pek
	f.	3	zawhah dah tur ani.
	:		♣ Thlai chhina hmun (nursery) hi hnim a
	MAMIT		to loh nan Pendimethalin @ 3.5ml hi
	(100000	tui liter 1 zelah pawlh a kah hi a tha
	16	(ATERVIL	hle ani.
	1	Phytopthora	A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g
	1	blight	(Apron)/ kg seed hi a tha hle ani
	1		Hneh taka 1% Bordeaux chawhpawlh
	3 6		emaw 2 g captan emaw 3 copper
	1)		oxychloride a tui liter 1 hi 10-15 DAS a
French bean	Sowing stage	SERCHH	pek hi a tha hle ani. Tui pek a hnihnah hringa khuh tur ani
Fielich bean	Sowing stage	V	a. than a that theih nan tui pek hma
	5		in lei rin pan hmasak tur ani.
	- 1		4 A than duna theih nan leh hnim to loh
	1		na turin a kung bulah lei vur chhoh zel
		LUNGLEL	tur ani.
Carrot and	Sowing stage		A than a that theih nan nikhat danah
radish	20/1	5%	tui pek thin tur ani.
	.7	11 / ~	Tui pek hnuah thlai bul vawn hnawn
	1		na tur siam tur ani. Likhlum lam chi ah chuan sik leh
		100	2.18.3
	N.	1 5 4	sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna
		1	tlanglawn ber ani.
		LAWNGTLAN	Thlai hna lam chi leh zikhlum lam
		SAIHA	A.
		(SAITH	Mancozeb @ 2gm ah tui leter 1
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	pawlha kah tur ani.
	<u> </u>		pawina kan tar am.

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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)



ANIMAL HUSBE	NDARY		
Pig	All stages	KOLASIB	 Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani.
	MAMIT	Porcine Reproductive Respiratory Syndrome (PRRS).	Vawknote emaw vawk lak hran.
	Adult stage	Swine fever.	2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani.
Cattle	All age group	SERCHH	Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia
	All age group	Foot and Mouth Disease (FMD)	Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani.
Poultry	Litter management	LAWNGTLAL	4 Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a.

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			4	Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur
	5	1	+	ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani.
	Preventive	0-3 rd week	4	Ranikhet Disease- an pian atanga ni
	measures	/ ₂		1-6 ah F1 vaccine pek tur ani a, chuan
	11100000100	GPSy)		a puitlingh chuan R ₂ B vaccine pek tur
	5			ani.
)	5	4	B complex with antibodies
	4	4th weeks	4	Coccidiosis- Amprolium or
	2			coccidiostat
	J. MAINIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY		AYZAVA	CH	AMPAI: (-
1101121(1	Monitoring		T.	Sangha te hi chaw a hmuar kai lo
	Monitoring	1	1	chauh pek thin tur ani. Sangha chaw a
	(Sangha	3 26		lo hmuar anih chuan pek hma in ni sa
	enkawl)			a phoro phawt tur ani.
	1	- Y	4	Sangha chaw hi a hmuar lohna turin
	1		_	hmun ro leh uap lutuk lo ah dahthat
		SERCH	(IP)	tur ani a, hmuar atang a tur lo inseam
	1	V		thin, aflatoxin avang a sangha thi lak
	1			atangin sangha a him phah thin.
		1000	4	Dil sah kang veka sangha man thin
	1			hian a kumleh a sangha khawinan a dil
	1	A Charles and		buatsaih a ti awlsam a, dil mawng
		LUNGLEI	18	phoro, chinai phul, leitha hman leh tul
	1		1	dang in dil buatsaih tur ani.
		w £	4	Sangha te natna lak atangin an him em
		11	1	tih enfiah fo a tha a, natna hmuh anih
		P (= = 1	N.	chuan mithiam te rawn vat a, diltui
		7 ()	- 69	enfiah vat tur ani.
		1 50 7	4	A ranglam a chinai @50kg/ha leh
		4	18	tuisen @1.5mg/l diltui a hman hian
		LI AMBIETT AND		sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
		SAIH	4)
				V-
		\ =	1	ý.
		ed let	1	

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Lunglei Period: 21 February - 25 February, 2018

Date of issue: 20th February, 2018 Bulletin No: - 772/2018/ Bulletin/English

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	29	29	29	29	30
Min Temp (°C)	11	11	12	12	13
Cloud Coverage	Clear sky				
Max RH (%)	84	85	85	77	80
Min RH (%)	30	28	28	39	26
Wind Speed (KmpH)	4	4	4	4	4
*Wind Direction	E	E	E	E	E

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

Status of Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm

Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm

(10.31mm)

(09.28mm)

(08.44mm)

(09.40mm)Serchhip-0.00mm

Lawngtlai-0.00mm (10.88mm) Lunglei-0.00mm (09.60mm) Mamit-0.00mm (08.86mm)

(08.44mm)

Weather summary of the past three days

Maximum Tem. (°C):24-25°C Minimum Tem. (°C):15-16°C Maximum RH (%):68-78% Minimum RH (%):41-52%

Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

Weather forecast valid from 21stFebruary, 2018 To 25thFebruary, 2018.

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 29-30°C and 11-13°C. Maximum relative humidity is expected in the range of 77-85% and minimum may from 26-39%. 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

NDVI for Mizoram

Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal		
Animal		practices/ Pest/	husbandry advisories		
/Fisheries		Diseases			
FRUITS CROPS					
KHASI	Flushing	< 3	♣ According to forecast and past weather		
MANDARIN	stage	KOLASIB	record, there is no probability of		
AND ACID	1		rainfall. So weekly irrigation is required		
LIME)	C AN	for upcoming week or use straw mulch		
STAR FRUIT	(2 1	reduces soil water loss.		
SIAK FRUII	3	Come L	♣ Pruning should involve removing		
	1		unhealthy, unwanted and poorly positioned branches but minimise the		
PLUM AND	2	/	loss of healthy foliage.		
PEACH	MAMIT		The best time to prune is soon after		
PEACH	5	AIZAWL)	harvest in winter to early spring before		
	1	Constant 1	bud break. For late varieties where two		
	1)	crops may hang on the tree at once		
	1	8 /	some of the new crop may be lost.		
	- 1				
	1	~ 7	mixture to reduce the damage of white		
	1)		ant upto 4 feet height.		
		SERCHN	Apply Bordeaux mixture to the plant after		
	- 1	V Lang	pruning.		
	5		4 Application of split dose of fertilizer 600:		
			200:100 (g/pt).		
	1	Gummosis, citrus canker,	Due to low temperature and humidity disease appearance will more. Use Bordeaux		
		citrus greening	past in tree trunk, twigs and branches		
	3	and Dieback	protect healthy plant from soil borne		
	2.7	and Dieback	disease.		
PLANTATION CR					
COFFEE	Blooming		♣ If day temperature and prolong dry		
	stage	130	spell occur it lead to Floral		
	l l	1 6 3	abnormalities like "Star Flower" in Arabica and "Pink Flower" in Robusta.		
		1	♣ Irrigation of plants at alternate day's		
		Laurence	interval, 6 weeks before harvesting		
		LAWNGTLAL	in an		
		(SAINA	development, and reduces fruit		
			cracking and improves the fruit quality.		
			♣ Mulching should be done with dry		
		6 1	2 D o o o		
2 P a g e					

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			0	ear the tree base to conserve ure during winter.
				g fruit plant must be irrigated
	()	1	at weel	
) \	5	establishn	
		KOLASIB		olication of Mepiquat chloride PPM concentration or 0.75%
	1			is g per 200 lt of water 15 days
)	60	interval.	g per 200 it of water 10 days
Rubber	Vegetative		According	to forecast and past weather
	stage	5	·	there is no probability of
	1			o weekly irrigation is required
	\$ MAMIT			ning week or use straw mulch
	J. Intervitor	\(oil water loss. can go for tapping upto last
	3	(AIZAWL	week of Ja	
		1		line around the field to save
	1	()	from fire.	
	1	100	Dig a pit	(size 1.5 ft X 1.0 ft X 1.0 ft)
) 6			plants. Store dried leaves in
	1		-	d after 4 months it can use as
04 1	-	SERCHH	manure.	f: 11 h 1 C-
Strawberry	Fruit	V~1~		of rain will be very less. So ater every alternate day.
	formation to			all mature fruits or partially
	harvesting		matured f	
	stage		Periodical	harvest must be done once in
		LUNGLEL	a week	
CEREALS AND I			D 11 11 11	
Rabi Maize	Harvesting	500	•	of rain will be very less. If the mature cobs.
	stage	17		rested cobs in sundry for 8 to
		P \	_	to keep the moisture level
		7 7	below 10%	
	1) 55 Y		will keep as seed for next
		V 2	year.	
		LAWNGTLAN		tacking trap should be made
		# SAIHA		field to escape crop from
Zone tillers	Do d	3(2)	damage.	of main will be loss C-
Zero tillage	Pod formation	Zero tillage	•	of rain will be very less. So ater every alternate day.
Greengram	iormation	0 0	provide wa	ater every atternate day.

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and blackgram	stage	1	♣ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should
			be done.
	2. 1	1	♣ Apply 2% urea solution to avoid stress
	1	7	condition.
	1	KOLASIB	♣ Provide irrigation once in a week.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Soybean	formation	W (provide water every alternate day.
cultivation in	stage		♣ Collection and destruction of damage
Jhum		5	plant or plant part and spraying of any
0.1000.10			systemic insecticide @ 2ml/lit should
	3		be done.
	/ MAMIT	1	♣ Apply 2% urea solution to avoid stress
	1	Z AIZAWL Z	condition.
		1	Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	♣ Possibility of rain will be very less. So
Toria	formation	a call	provide water every alternate day.
	stage		♣ Apply split dose of fertilizer for better growth.
			Collection and destruction of Blister Collection and destruction of Blister
	1)		beetles and spraying of Neem oil
		SERCHN	@3ml/lit should be done.
	l l	1	♣ Apply split dose of fertilizer for better
			growth.
	4		Provide irrigation once in a week.
VEGETABLE CRO)P		
Ginger and	Harvesting	LUNGLEI	♣ Turmeric and ginger is harvested when
turmeric	stage		leaves start yellowing and ultimately
		500	the stem dries down.
		11	The plants are-cut close to the ground.
			♣ The crop is irrigated lightly for easy
		100	digging. 4 Harvesting consists of digging of
		(F3 A	♣ Harvesting consists of digging of underground clumps of rhizomes
		1	with pick axe or digging fork.
		1	Fingers are separated from mother
		LAWNGTLAN	rhizomes.
		# SAIHA	♣ Wash clumps of rhizomes with water
			and keep it for sundry.
		A solution	
		6	()

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			dry sample. Cut the rhizome to small pieces for
Early cole crop	Harvesting stage	KOLASIB	proper drying. According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is required for upcoming week or use straw mulch reduces soil water loss. Harvest all mature cards. Don't spray any kind of pesticide to the crop which creates more health hazard.
Onion	Bulb formation stage	Poly house	 Provide irrigation every alternate day due to non availability of rain. Intercultural operations should be done regularly to keep the crop free from weeds and better growth of bulb. Remaining quantity of nitrogen is applied 30-40 days after transplanting. Provide irrigation if water is require.
	15	SERCHH	 Low temperature and high humidity influence the population of onion trips. Apply any systemic insecticide 1.5 ml/lt of water.
French bean	Flowering to fruiting stage	LUNGLEI	 Possibility of rain will be less coming five days. So alternate irrigation should be done 5 days interval. Remaining quantity of nitrogen is applied 30-40 days after sowing. Low temperature and high humidity influence the activity of stem rot. Apply Hexaconazole 1.5 ml/lt of water for better growth and development
Capsicum	Vegetative stage	Poly house	 Intercultural operations should be done regularly to keep the crop free from weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after transplanting. Provide irrigation if water is require. Apply any systemic insecticide to reduce damage of chilli thrips.
Brinjal	Fruiting to	201	According to forecast and past weather

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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	-	-	required for upcoming week or use
	1 1	1	straw mulch reduces soil water loss.
	1 1	5	Interculture operation should be done
		KOLASIB	near to the base of the plant.
	1	1	4 Apply split dose of nitrogenous
)	W. J	fertilizer to the plant. Fruit and shoot borer attack will mare
		1 1	in dry weather. Apply any systematic
	3	the same of the sa	insecticide for better cure.
	1		♣ Harvest all mature fruit.
		1	♣ Seed must be keep for next rabi
	MAMIT		season.
Chilli	Vegetative to	AIZAVAL I	According to forecast and past weather
	flowering	Contenue:	record, there is no probability of
	stage	5	rainfall. So weekly twice irrigation is
	1	1 67	required for upcoming week or use
	1		straw mulch reduces soil water loss.
	2 6		Interculture operation should be done
	1)		near to the base of the plant. Apply split dose of nitrogenous
		SERCHN	Apply split dose of nitrogenous fertilizer to the plant.
	1	V	 Mature fruit should be harvested and
Tomato	Flowering to		♣ According to forecast and past weather
	harvesting		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	Jougo	LUNGLEI	required for upcoming week or use
	3	TOTAL STREET	straw mulch reduces soil water loss.
	- 1	22	If irrigation is not available keep grass
		11	and dry leaves as mulch.
			Harvest all the mature which colour change to pale yellow to red.
		135 6	Seed must be keep from self pollinated
		1 5 3	variety.
		Fruit fly	♣ In large gardens apply carbaryl 0.2 per cent
		Accession was a second at the	or malathion 0.15 per cent suspension
		LAWNGTLAN	containing sugar or jeggery at 10 g/l at
		SAIHA	fortnightly intervals at flowering and fruit initiation.
Potato	Harvesting		Induon. If the leaves and plant became dry it
Totato	mai vesting	201	means plant ready for harvesting.
	1	V/N/	6 Page

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	stage	1	 ♣ Open the furrow with the help of spade, harvest all mature tubers. ♣ Discard all mother tubers from
	1	KOLASIB	 harvested potato tubers. ♣ Keep 7 -10 days for drying or reduce the moisture level in shed dry. ♣ Keep 25% seed for next season sowing.
ANIMAL HUSBE	NDARY		Fileop 2070 Seed for Helic Sedson Sowing.
Pig	All stages	AIZAVAL O	 ♣ Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. ♣ 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD. ♣ Reduce concentrate diet up to 5%. ♣ Provide adequate potable water. ♣ In present weather and ditions
	1	Porcine Reproductive Respiratory	In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Departs) 1. Culling of positive pigs or piglets.
Cattle	All age group	LUNGLEI	 In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days is advised. ▶ Provide UMB/Molases if possible in the feed ▶ Provide 10-30 ml of vitamin B-Complex in feed ♣ 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision. ♣ Separate sick animals. ♣ The animal should be washed with

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	57.		lukewarm water added with little potash (KMnO4) or neem leaves. ♣ Long hair near the udder/stomach/back legs should be teamed short.
Poultry	All age group	AIZAWA	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FISHERY	J		7
	Monitoring of fish in pond	LUNGLEI	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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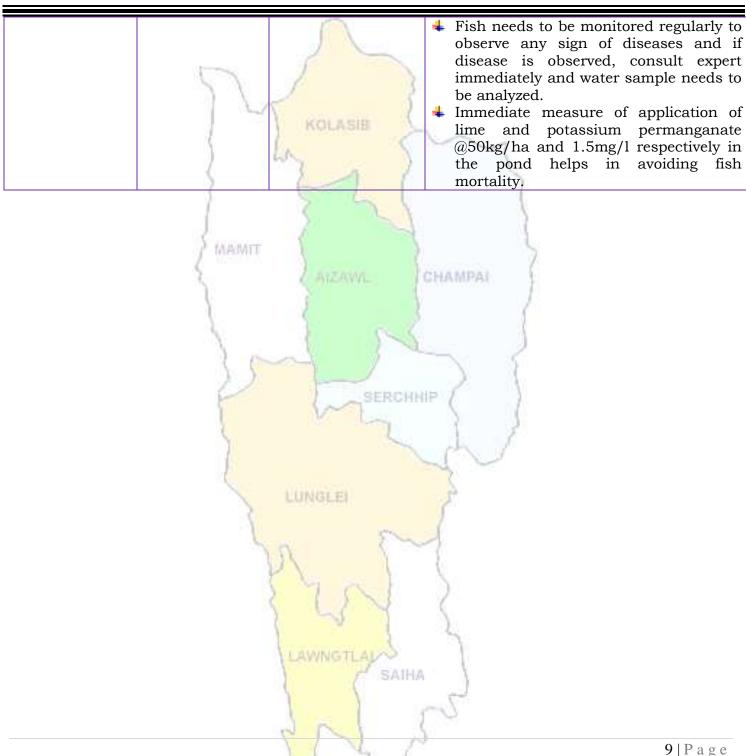


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SAIHA

LAWNGTLAL

CHAMPAI

10 | 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)



District: Lunglei Period: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/Mizo

Date of issue: 20th February, 2018

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	29	29	29	29	30
Min Temp (°C)	11	11	12	12	13
Cloud Coverage	Clear sky				
Max RH (%)	84	85	85	77	80
Min RH (%)	30	28	28	39	26
Wind Speed (KmpH)	4	4	4	4	4
*Wind Direction	E	E	E	E	E

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

Status of Post Monsoon- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm Cl

Champhai- 12.00mm

Saiha- 13.9 mm

Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(10.0mm)

(14.4mm) Serchhip-17.7mm

Lawngtlai-06.4mm (07.1mm)

Lunglei-07.4mm (08.7mm)

Mamit-24.3mm (09.6mm)

(12.9mm)

Weather summary of the past three days

Maximum Tem. (°C):24-25°C

Minimum Tem. (°C):15-16°C Maximum RH (%):68-78%

Minimum RH (%):41-52%

Wind Direction: Southeasterly

Cloud cover: Clear sky Wind speed: 1-2 km/hr

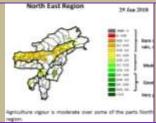
Rainfall: 00.0 mm

21st February – 25th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 29-30°C a ni ang a. A vawh lai ber in 11-13°C ni tura beisei a ni. RH san lai berin 77-85% leh a hniam lai berin 26-39% ni tur a rin niin. Thli hi darkar khatah 4 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



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Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural/ animal husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS			
KHASI MANDARIN AND ACID LIME	A kui atanga a seng hun	KOLASIB	 Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani.
BANANA STAR FRUIT]	376	 Leia tha mamawh tawk a hmuh theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani. A seng hma kar 6 chhung chu tui tha
PLUM AND	A MAMIT	AIZAWL	taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah keh tur lakah t a veng thei ani.
PEACH	35	Gummosis, citrus canker, citrus greening and Dieback	♣ Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani.
	5	Fruit fly RCHH	Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l.
PLANTATION CR	OP		-
COFFEE	All stages	LAWNGTLANSAIHA	Nursery stage ↓ Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. ↓ A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. ↓ Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. ↓ Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. ↓ Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani.

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			Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
			♣ A rah hmin tha lo ho chu nuai sawm
	7 1	2	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
		borer	ani.
	((♣ Hmaih neih nuaih loh tur ani.
)	CO. 3	♣ Sneg hmaih te lakkhawma paih vek tur
	(1 1	ani.
	1		♣ Seng bang zawng zawng chu uluka taka
	- 1		paih fai vek tur ani.
	J		♣ A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani.
	J. Instanti	1	Hmun dam lutukah dah loh tur.
	3	Z AIZAVVL Z	Boruak tha taka a hmuh theih nan leh a
		7	rawn chawr no theih nan thlai chu uluk tak a hlawi tur ani.
	Y.)	tak a mawi tur am. 4 Chuan hei hian kah tur ani. Quinalphos 25
	1	1 - 1	EC @ 340 ml/200 lit emaw lamda
			cyhalothrin 5 EC 120 – 160 ml / 200 lit.
) 6		☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa saw
	1		tawkah chuan: Arabica / robusta
		SERCHN	
		1	robusta cherry 11.0 %.
	λ	Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
		-	dang te paihpaih vek tur ani.
			Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
		LUNGLEI	Oxycarboxin 0.03% in May - June (Pre-
CERRALC AND	NIII CE CEORG	THE PARTY OF THE P	monsoon) ah kah chhunzawm tur ani.
CEREALS AND		Cont.	1 17. in in 1 in
Rabi Maize	A chin hun	n to	→ Vaimim chinna tur atan lei kan let
			phut darh anga.
	(Hei hian a rawn to chhuah na tur atan
	l l		a pui dawn a ni.
	N N	3 -5 7	4 A chi chu kan lei leh saah chuan kan
		1	dah ang.
		Leavanner as al	4 A chi chu Thiram @4 g/kg seed hian ak
		LAWNGTLAN	sawngbawl hmasa anga.
		SAIHA	4 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			A chi tuh hma in lei leh FYM @5-10
		10 M	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		V V V	3 P a g e

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



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	5		K ₂ O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni.
Soybean, pea, lentil toria,	All stage	Zero tillage	A than a that theih nan nikhat danah tui pek thin tur ani.
breen gram	1	m)	♣ Lei rih vur hian thlai kung te a veng ve
and black	3		ani. 4 Thlasik lai a lei khoro lutuk tur ven
gram cultivation in	-	5	nan a chungah hnim leh thildanga
rice fellow	3 MANUT		khuh tur ani.
Potato	Sowing stage	AIZAVA	♣ Muangchang loving alu chin na tur
	1	Concerne:	chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin
	(3	lakah a veng dawn ani.
	1	1 1	Lei leh hmain a hmun hma chu fai
	3 6		taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah
)		hmasak tur ani.
		SERCHH	A than a that theih nan nikhat danah
VEGETABLE CR	OP	V	tui pek thin tur ani.
Tomato	Bacterial		♣ Tomato bikah chuan sik leh sa hi
	Blight disease	100	natna an kaina tlang lawn ber ani .
		LUNGLEI	Hmun hnawng leh ni hmu lo lutuk
	3		hmunah chuan natna an kai hma bik ani.
		- Ex	Tomato hi a uai a, a thih mai loh nan
		11	Ridomil emaw Indofil emaw Mancozeb
		(4 2)	@ 2 gm hi tui liter 1 ah pawlh a kah tur ani .
Early Cole	Black spot		4 A than a that theih nan nikhat danah
crop	disease	1	tui pek thin tur ani.
_		LAWNGTLAL	Thlai bul vawn hnawn nana thlai bula
		SAIHA	hnim ring vawm khawm hi tui pek zawhah dah tur ani.
		(♣ Zikhlum lam chi ah chuan sik leh • • • • • • • • • • • • • • • • • • •
		1	sa vangin a hnah ah thil dum rawn
		and the state of	

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			awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb
	1	KOLASIB	@ 2gm ah tui leter 1 pawlha kah tur ani.
Onion and capsicum	Nursery stage	Poly house	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a
	MAMIT	AIZAWL	to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani.
		Phytopthora blight	 ♣ A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed hi a tha hle ani ♣ Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani.
French bean	Sowing stage	LUNGLEI	 Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani.
Carrot and radish	Sowing stage	M	 A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani.
		LAWNGTLAUSAIHA	Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.

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ANIMAL HUSBE	NDARY		
Pig	All stages	Porcine Reproductive	 Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani. Vawknote emaw vawk lak hran.
	{	Respiratory Syndrome (PRRS).	CHAMPAI
	Adult stage	Swine fever.	2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani.
Cattle	All age group	SERCHH	 Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani.
	All age group	Foot and Mouth Disease (FMD)	Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani.
Poultry	Litter management	LAWNGTLAUS	♣ Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a.

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			4	Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur
	5	1	4	ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani.
	Preventive measures	0-3 rd week	±	Ranikhet Disease- an pian atanga ni 1-6 ah F1 vaccine pek tur ani a, chuan a puitlingh chuan R ₂ B vaccine pek tur ani. B complex with antibodies
	},,,,,,	4 th weeks	4	Coccidiosis- Amprolium or coccidiostat
	[MADNIT	4-5 th Weeks		Calcium tonic fortified with B ₁₂
FISHERY	- 5	(AIZAWIL)	CH	AMPAI }
	Monitoring (Sangha enkawl)	LUNGLEI	+ + +	Sangha te hi chaw a hmuar kai lo chauh pek thin tur ani. Sangha chaw a lo hmuar anih chuan pek hma in ni sa a phoro phawt tur ani. Sangha chaw hi a hmuar lohna turin hmun ro leh uap lutuk lo ah dahthat tur ani a, hmuar atang a tur lo inseam thin, aflatoxin avang a sangha thi lak atangin sangha a him phah thin. Dil sah kang veka sangha man thin hian a kumleh a sangha khawinan a dil buatsaih a ti awlsam a, dil mawng phoro, chinai phul, leitha hman leh tul dang in dil buatsaih tur ani. Sangha te natna lak atangin an him em tih enfiah fo a tha a, natna hmuh anih chuan mithiam te rawn vat a, diltui enfiah vat tur ani. A ranglam a chinai @50kg/ha leh tuisen @1.5mg/l diltui a hman hian sangha natna avang a thi tur lak atangin a veng thei.
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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

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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: 21 February - 25 February, 2018

Date of issue: 20th February, 2018 Bulletin No: - 772/2018/ Bulletin/English

(09.60mm)

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	27	27	27	27	28
Min Temp (°C)	14	14	14	15	15
Cloud Coverage	Clear sky				
Max RH (%)	75	72	70	71	76
Min RH (%)	20	29	28	21	18
Wind Speed (KmpH)	2	4	4	4	4
*Wind Direction	E	E	S-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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm Champhai- 0.00mm Saiha- 0.00 mm (09.28mm)(10.31mm)

Kolasib- 0.00mm (08.44mm)(09.40mm)

Lawngtlai-0.00mm

Lunglei-0.00mm Mamit-0.00mm Serchhip-0.00mm

(08.44mm)

(10.88mm)Weather summary of the past three days

Weather forecast valid from 21stFebruary, 2018 To 25thFebruary, 2018.

(08.86mm)

Maximum Tem. (°C):28-29°C Minimum Tem. (°C):16°C Maximum RH (%):72-81% Minimum RH (%):41-53% Wind Direction: Southeasterly

Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 27-28°C and 14-15°C. Maximum relative humidity is expected in the range of 70-76% and minimum may from 18-29%. Wind direction would be easterly to southeasterly and southeasterly with the wind speed of 2-4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram

Mildly dry condition occurs in all districts of Mizoram.

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ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal
Animal		practices/ Pest/	husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS			
KHASI	Flushing	< 3	♣ According to forecast and past weather
MANDARIN	stage	KOLASIB	record, there is no probability of
AND ACID	Ţ.		rainfall. So weekly irrigation is required
LIME)	C AN	for upcoming week or use straw mulch
STAR FRUIT	(2 1	reduces soil water loss.
SIAK FRUII	3	Come L	♣ Pruning should involve removing
	1		unhealthy, unwanted and poorly
PLUM AND	2	/	positioned branches but minimise the loss of healthy foliage.
PEACH	MAMIT		The best time to prune is soon after
PEACH	5	AIZAWL)	harvest in winter to early spring before
	1	Constant:	bud break. For late varieties where two
	1	5	crops may hang on the tree at once
	1	6 2	some of the new crop may be lost.
	1		
	1 6		mixture to reduce the damage of white
	1)		ant upto 4 feet height.
		SERCHN	Apply Bordeaux mixture to the plant after
	1	V~ 1	pruning.
	1		♣ Application of split dose of fertilizer 600:
			200:100 (g/pt).
	1	Gummosis,	Due to low temperature and humidity
	1	citrus canker,	disease appearance will more. Use Bordeaux
)	citrus greening	past in tree trunk, twigs and branches protect healthy plant from soil borne
	14	and Dieback	disease.
PLANTATION CR	ОР		
COFFEE	Blooming	3	♣ If day temperature and prolong dry
	stage	(5 20)	spell occur it lead to Floral
			abnormalities like "Star Flower" in
		30	Arabica and "Pink Flower" in Robusta.
			♣ Irrigation of plants at alternate day's
		LAWNGTLAL	interval, 6 weeks before harvesting
		SAIHA	improves fruit retention and fruit
			development, and reduces fruit cracking and improves the fruit quality.
		1	Gracking and improves the fruit quality.Mulching should be done with dry
		0 N	- widening should be done with dry
		1 4 6	2 P a g e

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	7	KOLASIB	grasses near the tree base to conserve soil moisture during winter. The young fruit plant must be irrigated at weekly interval for better establishment. Foliar application of Mepiquat chloride @ 1000 PPM concentration or 0.75% SSP @ 1.5 g per 200 lt of water 15 days interval.
Rubber	Vegetative stage	AIZAWL.	 According to forecast and past weather record, there is no probability of rainfall. So weekly irrigation is required for upcoming week or use straw mulch reduces soil water loss. Farmers can go for tapping upto last week of January. Make fire line around the field to save from fire. Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft) between 4 plants. Store dried leaves in the pit and after 4 months it can use as manure.
Strawberry	Fruit formation to harvesting stage	LUNGLEL	 Possibility of rain will be very less. So provide water every alternate day. Harvest all mature fruits or partially matured fruit Periodical harvest must be done once in a week
CEREALS AND I	PULSE CROPS		
Rabi Maize	Harvesting stage	LAWNGTLANSAIHA	damage.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Greengram	formation	201	provide water every alternate day.

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4 | P a g e

0.5.4	atara		♣ Collection and destruction of damage
and	stage		plant or plant part and spraying of any
blackgram			
		1	systemic insecticide @ 2ml/lit should be done.
	1. 1	1	
	1 1	5	♣ Apply 2% urea solution to avoid stress
		KOLASIB	condition.
	_ /_	The state of the s	+ Provide irrigation once in a week.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Soybean	formation	3 4 1	provide water every alternate day.
cultivation in	stage		♣ Collection and destruction of damage
Jhum	7		plant or plant part and spraying of any
	1		systemic insecticide @ 2ml/lit should
	7		be done.
	J' MAMIT	3	♣ Apply 2% urea solution to avoid stress
	5	LAIZAWL I	condition.
	- 1	Calentare.	Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	♣ Possibility of rain will be very less. So
Toria	formation		provide water every alternate day.
	stage	1 1 1	♣ Apply split dose of fertilizer for better
)		growth.
	1		♣ Collection and destruction of Blister
		SERCHN	beetles and spraying of Neem oil
		(DELOTING	@3ml/lit should be done.
	V		♣ Apply split dose of fertilizer for better
			growth.
		0.7	♣ Provide irrigation once in a week.
VEGETABLE CRO)P		
Ginger and	Harvesting	LUNGLEI	↓ Turmeric and ginger is harvested when
turmeric	stage		leaves start yellowing and ultimately
			the stem dries down.
	-	10	
			♣ The crop is irrigated lightly for easy
			digging.
		2 1 3 1	♣ Harvesting consists of digging of
		1 -5 7	underground clumps of rhizomes
			with pick axe or digging fork.
		LAWNGTLANS	Fingers are separated from mother
			rhizomog
		# SAIHA	
			and keep it for sundry.
			♣ Seed stock will be store from partially
		6 1	

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			dry sample.
			Cut the rhizome to small pieces for
			proper drying.
Early cole	Harvesting		♣ According to forecast and past weather
crop	stage	1	record, there is no probability of
СГОР	stage	7	rainfall. So weekly twice irrigation is
	1	KOLASIB	required for upcoming week or use
	- 4	6.	straw mulch reduces soil water loss.
)	W/5	♣ Harvest all mature cards.
	5		♣ Don't spray any kind of pesticide to the
	7	Since	crop which creates more health hazard.
Onion	Bulb	Poly house	Provide irrigation every alternate day
	formation		due to non availability of rain.
	stage	1	♣ Intercultural operations should be
		LAIZAWL I	done regularly to keep the crop free
	1	Constant Constant	from weeds and better growth of bulb.
	1	j y	Remaining quantity of nitrogen is
	1	6 6 7	applied 30-40 days after transplanting.
	1		Provide irrigation if water is require.
	1		Low temperature and high humidity
	1)		influence the population of onion trips.
		SERCHN	Apply any systemic insecticide 1.5 ml/lt of water.
French bean	Flowering to	V lan	♣ Possibility of rain will be less coming
Fiench bean	fruiting stage		five days. So alternate irrigation should
	ifulting stage		be done 5 days interval.
			♣ Remaining quantity of nitrogen is
		LUNGLEI	applied 30-40 days after sowing.
	3	THE STATE OF THE S	Low temperature and high humidity
	2.7	000	influence the activity of stem rot. Apply
		W (~	Hexaconazole 1.5 ml/lt of water for
			better growth and development
Capsicum	Vegetative	Poly house	Intercultural operations should be done
	stage		regularly to keep the crop free from
		-3	weeds and aeration of the root system.
		1	Remaining quantity of nitrogen is
		LAWNGTLAN	applied 30-40 days after transplanting. Provide irrigation if water is require.
		# SAIHA	4 Apply any systemic insecticide to
			reduce damage of chilli thrips.
Brinjal	Fruiting to	1 9	♣ According to forecast and past weather
jui	i raiding to	0	

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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	-	5	required for upcoming week or use
	1 1	1	straw mulch reduces soil water loss.
	1 1	5	Interculture operation should be done
		KOLASIB	near to the base of the plant.
	1		Apply split dose of nitrogenous fertilizer to the plant.
)	W. J	Fruit and shoot borer attack will mare
	(1 1	in dry weather. Apply any systematic
	3	The same of the sa	insecticide for better cure.
			♣ Harvest all mature fruit.
			♣ Seed must be keep for next rabi
	J MAMIT		season.
Chilli	Vegetative to	AIZAWA_)	According to forecast and past weather
	flowering	dementale:	record, there is no probability of
	stage)	rainfall. So weekly twice irrigation is
	46	1 6 6	required for upcoming week or use
	- 1		straw mulch reduces soil water loss.
	1		Interculture operation should be done
	1)		near to the base of the plant. Apply split dose of nitrogenous
		SERCHN	fertilizer to the plant.
	-	V Lag	Mature fruit should be harvested and
Tomato	Flowering to		According to forecast and past weather
	harvesting		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	3	LUNGLEI	required for upcoming week or use
	3		straw mulch reduces soil water loss.
		5%	If irrigation is not available keep grass
		11	and dry leaves as mulch. Harvest all the mature which colour
	1		change to pale yellow to red.
		100	Seed must be keep from self pollinated
	1	1 50 4	variety.
		Fruit fly	♣ In large gardens apply carbaryl 0.2 per cent
		LAWNGTLAL	or malathion 0.15 per cent suspension
		SAIHA	containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit
			initiation.
Potato	Harvesting		If the leaves and plant became dry it
		200	means plant ready for harvesting.
		1111	6 P a g e

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	-A		1 Open the firmer	1f	
	stage		♣ Open the furrow with the he	erb or	
			spade, harvest all mature tubers. Discard all mother tubers	from	
				пош	
	1. 1	1	harvested potato tubers.	ممددات	
	1 1	5	♣ Keep 7 -10 days for drying or re	eauce	
		KOLASIB	the moisture level in shed dry.		
ANIMAL HUSBEN	IDADV		★ Keep 25% seed for next season so	wilig.	
Pig		WY 3	♣ Animals must keep in dry pla	ce or	
Fig	All stages	1 1	kept in alleviated area and dry be		
	3	Control of the second	(straw) to be provided to y		
	1		animals.	young	
	J		♣ 1 st injection at 6 months of age	e and	
	MAMIT		2nd injection at 12 months o		
	Z. 10000000	A CONTRACTOR OF THE PARTY OF TH	followed by annual vaccination is		
	1	A AIZAWL	vet supervision against FMD.	01110101	
	1	1	♣ Reduce concentrate diet up to 5%).	
		(Provide adequate potable water.		
	9	27		itions	
	1	- 1 3 A	vaccinate against swine fever (Vac		
	100		available in State Veterinary Depa		
		Porcine	1. Culling of positive pigs or piglets.		
		Reproductive			
	V	Respiratory	1 3		
		Syndrome (PRRS).	ili s		
Cattle	All age group		In present weather conditions, s	_	
		Unit Charles	care should be taken against atta		
		LUNGLEI	maggots in the wounds of ani		
	3		Application of turpentine oil ir		
	. /	57	wounds followed by application		
	. 7	11	antibiotics for five days is advised.		
)		Provide UMB/Molases if possible i	in the	
	()	1 9 8	feed		
	,		Provide 10-30 ml of vitamin B-Co	mplex	
		(3)	in feed	0-5-1	
			4 1st injection at 6-8 weeks of age		
		LAWNGTLAL	injection after 6 months of 1st injection after 6 months of 1st injection at the state of the st		
		# SAIHA	followed by annual vaccination wet supervision.	unaer	
			Separate sick animals.		
			The animal should be washed	with	
The ainmai should be washed with					
	7 P a g e				

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	5		lukewarm water added with little potash (KMnO4) or neem leaves. Long hair near the udder/stomach/back legs should be teamed short.
Poultry	All age group	AIZAWL	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FISHERY	J.		3
	Monitoring of fish in pond	LAWNGTLALSAIHA	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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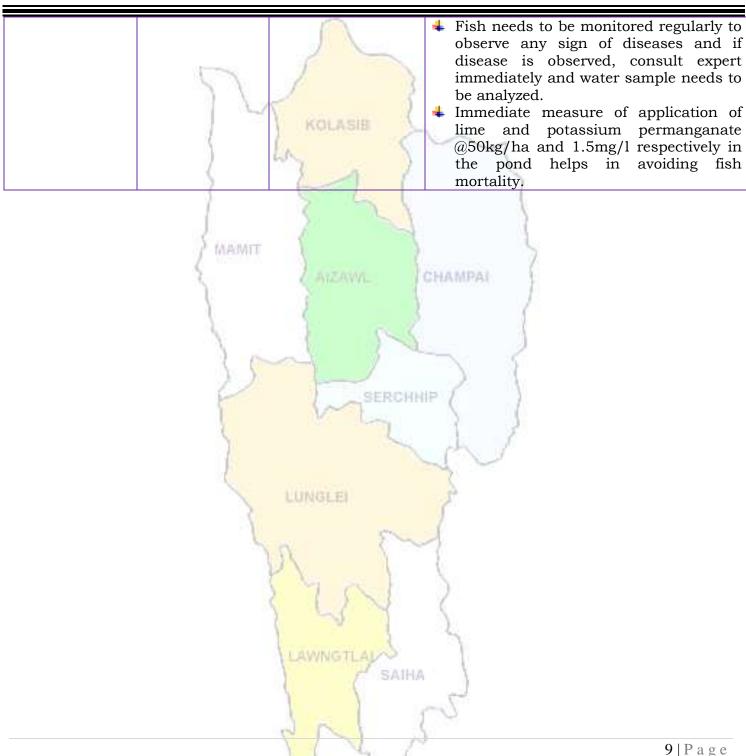


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SAIHA

LAWNGTLAL

CHAMPAI

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District: Mamit Period: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/Mizo

	1. 1.	P	5		
Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	27	27	27	27	28
Min Temp (°C)	14	14	14	15	15
Cloud Coverage	Clear sky				
Max RH (%)	75	72	70	71	76
Min RH (%)	20	29	28	21	18
Wind Speed (KmpH)	2	4	4	4	4
*Wind Direction	F	म	S-F	F	F

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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm

Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm

(10.31mm)

(09.28mm)

(08.44mm)

(09.40mm)

Lawngtlai-0.00mm

Lunglei-0.00mm (09.60mm) Mamit-0.00mm (08.86mm) Serchhip-0.00mm (08.44mm)

Weather summary of the past

(10.88mm)

three days

21st February - 25th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Date of issue: 20th February, 2018

Maximum Tem. (°C):28-29°C Minimum Tem. (°C):16°C Maximum RH (%):72-81% Minimum RH (%):41-53% Wind Direction: Southeasterly

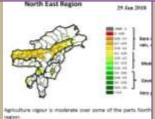
Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 27-28°C a ni ang a. A vawh lai ber in 14-15°C ni tura beisei a ni. RH san lai berin 70-76% leh a hniam lai berin 18-29% ni tur a rin niin. Thli hi darkar khatah 2-4 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural/ animal husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS			
KHASI MANDARIN AND ACID LIME	A kui atanga a seng hun	KOLASIB	 Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani.
BANANA STAR FRUIT]	376	Leia tha mamawh tawk a hmuh theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani.
PLUM AND	MAMIT	AIZAWL	♣ A seng hma kar 6 chhung chu tui tha taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah keh tur lakah t a veng thei ani.
PEACH	V)	//
	35	Gummosis, citrus canker, citrus greening and Dieback	♣ Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani.
	5	Fruit fly RCHH	Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l.
PLANTATION CR	OP		
COFFEE	All stages	LAWNGTLAL	Nursery stage ↓ Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. ↓ A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. ↓ Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. ↓ Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. ↓ Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani.

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			Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
			♣ A rah hmin tha lo ho chu nuai sawm
	7 1	2	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
	V	borer	ani.
	((♣ Hmaih neih nuaih loh tur ani.
)	CO. 3	♣ Sneg hmaih te lakkhawma paih vek tur
	(1 1	ani.
	Y		♣ Seng bang zawng zawng chu uluka taka
	1		paih fai vek tur ani.
			♣ A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani.
	J. Instanta	1	Hmun dam lutukah dah loh tur.
	7	Z AIZAVVL Z	Boruak tha taka a hmuh theih nan leh a rawn chawr no theih nan thlai chu uluk
		7	tak a hlawi tur ani.
	1)	tak a mawi tur am. 4 Chuan hei hian kah tur ani. Quinalphos 25
	160	1 - 1	EC @ 340 ml/200 lit emaw lamda
	- 1		cyhalothrin 5 EC 120 – 160 ml / 200 lit.
	1 6		☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa saw
	1)		tawkah chuan: Arabica / robusta
		SERCHN	
		1	robusta cherry 11.0 %.
	Α	Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
		-	dang te paihpaih vek tur ani.
			Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
		LUNGLEI	Oxycarboxin 0.03% in May - June (Pre-
CEDEALC AND I	DILL CE CEORG	THE CONTRACTOR OF THE CONTRACT	monsoon) ah kah chhunzawm tur ani.
CEREALS AND			Weigning things then the let less let
Rabi Maize	A chin hun	17 ()	→ Vaimim chinna tur atan lei kan let
			phut darh anga.
	(Hei hian a rawn to chhuah na tur atan
		2 1 3 3	a pui dawn a ni.
	N N	3 -5 7	4 A chi chu kan lei leh saah chuan kan
		1	dah ang.
		LAWNGTLAL	4 A chi chu Thiram @4 g/kg seed hian ak
		The state of the s	sawngbawl hmasa anga.
		SAIHA	4 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			A chi tuh hma in lei leh FYM @5-10
		6 C	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		1 1 1	3 P a g e

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	5		K ₂ O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni.
Soybean, pea, lentil toria,	All stage	Zero tillage	A than a that theih nan nikhat danah tui pek thin tur ani.
breen gram	1	wy)	♣ Lei rih vur hian thlai kung te a veng ve
and black	7		ani.
gram	1	5	♣ Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga
cultivation in	1	/	khuh tur ani.
rice fellow	Carrier store	1	♣ Muangchang loving alu chin na tur
Potato	Sowing stage	LAIZAVIL I	chu buatsaih vat tur ani.
	1	7	Hei hian a than hun laiin natna hrikin
	1	5	lakah a veng dawn ani.
	1	1 55	Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani.
	3 6		♣ A chi thlak hma in a chi chu en fiah
	1)		hmasak tur ani.
		SERCHH	A than a that theil nan nikhat danah
VEGETABLE CR	OP	Y Long	tui pek thin tur ani.
Tomato	Bacterial		♣ Tomato bikah chuan sik leh sa hi
1011140	Blight disease		natna an kaina tlang lawn ber ani .
	8	LUNGLEI	Hmun hnawng leh ni hmu lo lutuk
	3	Print 12 (200 PM)	hmunah chuan natna an kai hma bik
	1	500	ani. Tomato hi a uai a, a thih mai loh nan
	. 7	11	Ridomil emaw Indofil emaw Mancozeb
			@ 2 gm hi tui liter 1 ah pawlh a kah
Davids C. 1	D11		tur ani .
Early Cole	Black spot disease	1 20 1	A than a that theih nan nikhat danah tui pek thin tur ani.
crop	uiscasc	language and the	Thlai bul vawn hnawn nana thlai bula
		LAWNGTLAN	hnim ring vawm khawm hi tui pek
		SAIHA	zawhah dah tur ani.
			♣ Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn
		2 2	- sa vangin a iman an um uum lawii

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	5	KOLASIB .	awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.
Onion and capsicum	Nursery stage	Poly house	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani.
		Phytopthora blight	 ♣ A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/kg seed hi a tha hle ani ♣ Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani.
French bean	Sowing stage	LUNGLEI	 Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani.
Carrot and radish	Sowing stage	LAWNGTLANSAIHA	 A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.

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ANIMAL HUSBE	NDARY		
Pig	All stages	KOLASIB	 Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani.
	MAMIT	Porcine Reproductive Respiratory Syndrome (PRRS).	Vawknote emaw vawk lak hran.
	Adult stage	Swine fever.	2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani.
Cattle	All age group	SERCHN	Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia
	All age group	Foot and Mouth Disease (FMD)	Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani.
Poultry	Litter management	LAWNGTLAL	4 Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a.

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			4	Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur
				ani.
			4	Chaw a hmuar/thing pek loh tur ani a,
	3. 1	1		an chaw eitur thlak sak thut loh tur
		V V		ani.
	Preventive	0-3 rd week		Ranikhet Disease- an pian atanga ni
	measures	La S		1-6 ah F1 vaccine pek tur ani a, chuan
	1	7		a puitlingh chuan R2B vaccine pek tur
)		١	ani.
	1	5 6		B complex with antibodies
		4 th weeks	+	Coccidiosis- Amprolium or
	3			coccidiostat
	T MAUNTI	4-5 th Weeks	+	Calcium tonic fortified with B ₁₂
FISHERY	3	ATZAWIL	CH	AMPAL
	Monitoring	1	4	2011-21-01-01-01-01-01-01-01-01-01-01-01-01-01
	(Sangha	(chauh pek thin tur ani. Sangha chaw a
	enkawl)	1 1		lo hmuar anih chuan pek hma in ni sa
	0 0		-	a phoro phawt tur ani.
	1		-	Sangha chaw hi a hmuar lohna turin
		SERCHH	(q)	hmun ro leh uap lutuk lo ah dahthat
		~		tur ani a, hmuar atang a tur lo inseam
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			thin, aflatoxin avang a sangha thi lak
			40	atangin sangha a him phah thin.
			5	Dil sah kang veka sangha man thin hian a kumleh a sangha khawinan a dil
		NAME OF THE OWNERS OF THE OWNER,		buatsaih a ti awlsam a, dil mawng
		LUNGLEI	19	phoro, chinai phul, leitha hman leh tul
			7	dang in dil buatsaih tur ani.
		500	4	Sangha te natna lak atangin an him em
		17	1	tih enfiah fo a tha a, natna hmuh anih
		P (1	chuan mithiam te rawn vat a, diltui
		7 ()	0	enfiah vat tur ani.
		1 50 4	4	A ranglam a chinai @50kg/ha leh
			18	tuisen @1.5mg/l diltui a hman hian
		LINNING TIME		sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
		SAIHA)
			Prin	7
		1 2		2
		60	1	

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Saiha Period: 21 February - 25 February, 2018

Date of issue: 20th February, 2018 Bulletin No: - 772/2018/ Bulletin/English

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	27	27	27	27	28
Min Temp (°C)	14	14	14	15	15
Cloud Coverage	Clear sky				
Max RH (%)	65	72	70	71	66
Min RH (%)	20	24	26	26	25
Wind Speed (KmpH)	4	4	4	4	4
*Wind Direction	E	E	E	E	E

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

Status of Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

(09.60mm)

Aizawl- 0.00mm Champhai- 0.00mm

Saiha- 0.00 mm Kolasib- 0.00mm (08.44mm)(09.40mm)

(09.28mm)(10.31mm)Lawngtlai-0.00mm Lunglei-0.00mm

Mamit-0.00mm

Serchhip-0.00mm

(08.44mm)

(10.88mm)Weather summary of the past three days

Weather forecast valid from 21stFebruary, 2018 To 25thFebruary, 2018.

(08.86mm)

Maximum Tem. (°C):22-24°C Minimum Tem. (°C):13-14°C Maximum RH (%):72-85% Minimum RH (%):41-53% Wind Direction: Southeasterly

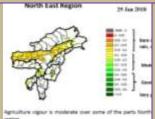
Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 27-29°C and 14-15°C. Maximum relative humidity is expected in the range of 65-72% and minimum may from 20-26%. Wind direction would be easterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal		
Animal		practices/ Pest/	husbandry advisories		
/Fisheries		Diseases			
FRUITS CROPS					
KHASI	Flushing	< 3	♣ According to forecast and past weather		
MANDARIN	stage	KOLASIB	record, there is no probability of		
AND ACID	1		rainfall. So weekly irrigation is required		
LIME)	C AN	for upcoming week or use straw mulch		
STAR FRUIT	(2 1	reduces soil water loss.		
SIAK FRUII	3	Come L	♣ Pruning should involve removing		
	1		unhealthy, unwanted and poorly positioned branches but minimise the		
PLUM AND	2	/	loss of healthy foliage.		
PEACH	MAMIT		The best time to prune is soon after		
PEACH	5	AIZAWL)	harvest in winter to early spring before		
	1	Constant 1	bud break. For late varieties where two		
	1)	crops may hang on the tree at once		
	1	8 /	some of the new crop may be lost.		
		~ 7	mixture to reduce the damage of white		
	1)		ant upto 4 feet height.		
		SERCHN	Apply Bordeaux mixture to the plant after		
	- 1	V Lang	pruning.		
	5		4 Application of split dose of fertilizer 600:		
			200:100 (g/pt).		
	1	Gummosis, citrus canker,	Due to low temperature and humidity disease appearance will more. Use Bordeaux		
		citrus greening	past in tree trunk, twigs and branches		
	3	and Dieback	protect healthy plant from soil borne		
	2.7	and Dieback	disease.		
PLANTATION CR					
COFFEE	Blooming		♣ If day temperature and prolong dry		
	stage	130	spell occur it lead to Floral		
	l l	1 6 3	abnormalities like "Star Flower" in Arabica and "Pink Flower" in Robusta.		
		1	♣ Irrigation of plants at alternate day's		
		Laurence	interval, 6 weeks before harvesting		
		LAWNGTLAL	in an		
		(SAINA	development, and reduces fruit		
			cracking and improves the fruit quality.		
			♣ Mulching should be done with dry		
	6 1 3				
		4 (2 P a g e		

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			grasses near the tree base to conserve
			soil moisture during winter.
			♣ The young fruit plant must be irrigated
		6	at weekly interval for better
) \		establishment.
	The state of	V comment of	♣ Foliar application of Mepiquat chloride
	J.	KOLASIB	@ 1000 PPM concentration or 0.75%
	1	En.	SSP @ 1.5 g per 200 lt of water 15 days
	1	77	interval.
Rubber	Vegetative		♣ According to forecast and past weather
	stage	5	record, there is no probability of
		5	rainfall. So weekly irrigation is required
	3		for upcoming week or use straw mulch
	J. WYWIT	1	reduces soil water loss.
	5	AIZAWL	Farmers can go for tapping upto last
	1	Canedian-	week of January.
	1)	♣ Make fire line around the field to save
	1		from fire.
	1	1 1	♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
) 6		between 4 plants. Store dried leaves in
	1		the pit and after 4 months it can use as
		SERCON	manure.
Strawberry	Fruit	~	♣ Possibility of rain will be very less. So
	formation to		provide water every alternate day.
	harvesting		♣ Harvest all mature fruits or partially
	stage		matured fruit
			♣ Periodical harvest must be done once in
		LUNGLEI	a week
CEREALS AND			- D 11 11 11 11 11 11 11 11 11 11 11 11 1
Rabi Maize	Harvesting	500	Possibility of rain will be very less.
	stage	11 (~	Harvest all the mature cobs.
			♣ Keep harvested cobs in sundry for 8 to
		1 7 6	10 days to keep the moisture level
			below 10%.
		1 -0	♣ 25% seed will keep as seed for next
			year.
		LAWNGTLAN	♣ Parrot attacking trap should be made
		# SAIHA	around field to escape crop from
7 a.m.a. # ! ! 1 a.m.a.	D- 4	7 and 4:11	damage.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Greengram	formation	2 5	provide water every alternate day.
		1/1/	3 Page
			5 1 4 5 0

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and blackgram	stage		Collection and destruction of damage plant or plant part and spraying of any
		1	systemic insecticide @ 2ml/lit should
	1	1	be done.
	1	5	♣ Apply 2% urea solution to avoid stress
		KOLASIB	condition.
Zone tillege	Pod	1	Provide irrigation once in a week.Possibility of rain will be very less. So
Zero tillage	formation	Zero tillage	provide water every alternate day.
Soybean cultivation in		2 1	 Collection and destruction of damage
	stage	Commercial	plant or plant part and spraying of any
Jhum	1		systemic insecticide @ 2ml/lit should
		/	be done.
	MAMIT		♣ Apply 2% urea solution to avoid stress
	5	AIZAVAL I	condition.
	1	Conesione:	Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	♣ Possibility of rain will be very less. So
Toria	formation	6 7	provide water every alternate day.
	stage		♣ Apply split dose of fertilizer for better
	1		growth.
	1)		Collection and destruction of Blister beetles and spraying of Neem oil
		SERCHN	@3ml/lit should be done.
	1	V Long	♣ Apply split dose of fertilizer for better
	5		growth.
	1		Provide irrigation once in a week.
VEGETABLE CRO)P		
Ginger and	Harvesting	LUNGLEI	♣ Turmeric and ginger is harvested when
turmeric	stage	in the state of th	leaves start yellowing and ultimately
		5%	the stem dries down.
		111	The plants are-cut close to the ground.
			The crop is irrigated lightly for easy
		135 6	digging. Harvesting consists of digging of
			Harvesting consists of digging of underground clumps of rhizomes
		1	with pick axe or digging fork.
		1	Fingers are separated from mother
		LAWNGTLAN	rhizomes.
		# SAIHA	♣ Wash clumps of rhizomes with water
			and keep it for sundry.
		V S V	♣ Seed stock will be store from partially
		60	

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			dry sample.
			4 Cut the rhizome to small pieces for
			proper drying.
Early cole	Harvesting		♣ According to forecast and past weather
crop	stage	1	record, there is no probability of
СГОР	Stage	7	rainfall. So weekly twice irrigation is
	1	KOLASIB	required for upcoming week or use
	((. · · · · · · · · · · · · · · · · · ·	straw mulch reduces soil water loss.
)	wy)	♣ Harvest all mature cards.
	8	2	♣ Don't spray any kind of pesticide to the
	0	Samuel	crop which creates more health hazard.
Onion	Bulb	Poly house	♣ Provide irrigation every alternate day
	formation		due to non availability of rain.
	stage)	♣ Intercultural operations should be
		AIZAWL I	done regularly to keep the crop free
	1	Conemar:	from weeds and better growth of bulb.
	1	5	Remaining quantity of nitrogen is
	1	1	applied 30-40 days after transplanting.
	1		Provide irrigation if water is require.
	2 6		Low temperature and high humidity
	1		influence the population of onion trips.
		SERCHN	Apply any systemic insecticide 1.5
		~	ml/lt of water.
French bean	Flowering to		+ Possibility of rain will be less coming
	fruiting stage	1	five days. So alternate irrigation should
	1		be done 5 days interval.
		NAME OF THE OWNER O	Remaining quantity of nitrogen is applied 30-40 days after sowing.
		LUNGLEI	Low temperature and high humidity
	1		influence the activity of stem rot. Apply
	L.	- Em	Hexaconazole 1.5 ml/lt of water for
		11	better growth and development
Capsicum	Vegetative	Poly house	♣ Intercultural operations should be done
	stage		regularly to keep the crop free from
	20080) 55 Y	weeds and aeration of the root system.
			Remaining quantity of nitrogen is
		LAWNGTLAN	applied 30-40 days after transplanting.
		SAIHA	Provide irrigation if water is require.
		(SAITIN	Apply any systemic insecticide to
		1	reduce damage of chilli thrips.
Brinjal	Fruiting to	1 2 1	4 According to forecast and past weather
		The second second	

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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
			required for upcoming week or use
	1 1	1	straw mulch reduces soil water loss.
	1 \	5	Interculture operation should be done
		KOLASIB	near to the base of the plant.
	1	1	Apply split dose of nitrogenous
)	W. J	fertilizer to the plant. Fruit and shoot borer attack will mare
		1 1	in dry weather. Apply any systematic
	3	The same of the sa	insecticide for better cure.
	1		♣ Harvest all mature fruit.
		/	♣ Seed must be keep for next rabi
	MAMIT		season.
Chilli	Vegetative to	AIZAVAL I	♣ According to forecast and past weather
	flowering	Contenue:	record, there is no probability of
	stage	5	rainfall. So weekly twice irrigation is
	4	1 2	required for upcoming week or use
	1		straw mulch reduces soil water loss.
	1		Interculture operation should be done
	1)		near to the base of the plant. Apply split dose of nitrogenous
	-	SERCHN	Apply split dose of nitrogenous fertilizer to the plant.
	1	V	 Mature fruit should be harvested and
Tomato	Flowering to		♣ According to forecast and past weather
	harvesting		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	Jougo	LUNGLEI	required for upcoming week or use
	3	TOTAL STREET	straw mulch reduces soil water loss.
	- 1	- 22	If irrigation is not available keep grass
	. 7	11 (~	and dry leaves as mulch.
			Harvest all the mature which colour change to pale yellow to red.
		135 6	Seed must be keep from self pollinated
	1	(F3 A	variety.
		Fruit fly	↓ In large gardens apply carbaryl 0.2 per cent
			or malathion 0.15 per cent suspension
		LAWNGTLAN	containing sugar or jeggery at 10 g/l at
		SAIHA	fortnightly intervals at flowering and fruit initiation.
Potato	Harvesting		Initiation. If the leaves and plant became dry it
Fotato	mai vesting	201	means plant ready for harvesting.
	I	THE P	6 P a g e

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	-A			Once the framery with the belief
	stage			Open the furrow with the help of
				spade, harvest all mature tubers. Discard all mother tubers from
				Discard all mother tubers from narvested potato tubers.
	1. 1	8		<u> </u>
	1 1	5		Keep 7 -10 days for drying or reduce
		KOLASIB		the moisture level in shed dry.
ANIMAL HUSBEN	IDADV	A STATE OF THE STA	+ r	Keep 25% seed for next season sowing.
Pig		WY 3	4	Animals must keep in dry place or
Fig	All stages	1 1		kept in alleviated area and dry bedding
	3	The second second		(straw) to be provided to young
	1			animals.
	J			1st injection at 6 months of age and
	MAMIT			2nd injection at 12 months of age
	Z. 10000000	A CONTRACTOR OF THE PARTY OF TH		followed by annual vaccination under
	1	Z ATZAWIL		vet supervision against FMD.
	- 1			Reduce concentrate diet up to 5%.
	1	(Provide adequate potable water.
	3	27		In present weather conditions
) 0	- 1 4		vaccinate against swine fever (Vaccines
	100		7.0	available in State Veterinary Departs)
		Porcine	15 1/	Culling of positive pigs or piglets.
		Reproductive		
	V	Respiratory	- 7	3
		Syndrome (PRRS).		5
Cattle	All age group			n present weather conditions, special
		Unit the second		are should be taken against attack of
		LUNGLEI		naggots in the wounds of animals.
	3			pplication of turpentine oil in the
	. /	57%		rounds followed by application of
	. 7	11		ntibiotics for five days is advised.
)			rovide UMB/Molases if possible in the
	()	1 5 6		eed
	,		100	rovide 10-30 ml of vitamin B-Complex
		-		n feed
				1st injection at 6-8 weeks of age, 2nd
		LAWNGTLAU		njection after 6 months of 1st injection ollowed by annual vaccination under
		SAIHA		et supervision.
				Separate sick animals.
				The animal should be washed with
	<u> </u>	0 10	11	The animal should be washed with
		1111		7 P a g e

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	57		lukewarm water added with little potash (KMnO4) or neem leaves. ♣ Long hair near the udder/stomach/back legs should be teamed short.
Poultry	All age group	AIZAWL	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FISHERY	J		7
	Monitoring of fish in pond	LUNGLEI	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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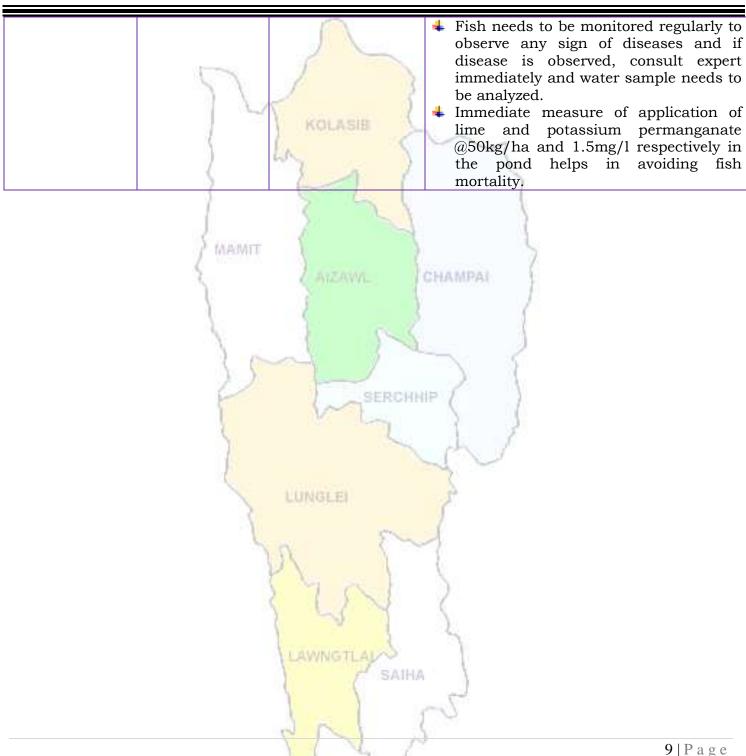


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SAIHA

LAWNGTLAL

CHAMPAI

10 | P a g e

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District: Saiha Period: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/Mizo

		1			
Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	29	29	29	28	29
Min Temp (°C)	12	12	13	13	14
Cloud Coverage	Partially clear	Mainly clear	Mainly clear	Clear sky	Mainly clear
Max RH (%)	48	76	72	78	60
Min RH (%)	16	22	27	21	15
Wind Speed (KmpH)	4	4	4	4	4

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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm

Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm

(10.31mm)

(09.28mm)

(08.44mm)

(09.40mm)

Lawngtlai-0.00mm

*Wind Direction

Lunglei-0.00mm

Mamit-0.00mm

Serchhip-0.00mm

(10.88mm)

(09.60mm)

(08.86mm)

(08.44mm)

Weather summary of the past three days

Maximum Tem. (°C):22-24°C

Minimum Tem. (°C):13-14°C Maximum RH (%):72-85%

Minimum RH (%):41-53%

Wind Direction: Southeasterly Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

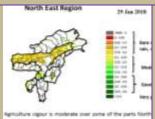
21st February – 25th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Date of issue: 20th February, 2018

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 27-29°C a ni ang a. A vawh lai ber in 14-15°C ni tura beisei a ni. RH san lai berin of 65-72% leh a hniam lai berin 20-26% ni tur a rin niin. Thli hi darkar khatah 4 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/ Animal	Stage	Cultural practices/ Pest/	Agricultural / Horticultural/ animal husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS		- C	# 771.11 1.1. (1.1.! 11 11 1 1
KHASI MANDARIN AND ACID LIME	A kui atanga a seng hun	KOLASIB	 Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani.
BANANA STAR FRUIT]	374	 Leia tha mamawh tawk a hmuh theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani. A seng hma kar 6 chhung chu tui tha
PLUM AND	{ MAMIT	AIZAWL	taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah
PEACH)	keh tur lakah t a veng thei ani.
	35	Gummosis, citrus canker, citrus greening and Dieback	♣ Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani.
	5	Fruit fly RCHH	Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l.
PLANTATION CR	OP		
COFFEE	All stages	LAWNGTLANSAIHA	Nursery stage ↓ Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. ↓ A chi hi December – January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. ↓ Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. ↓ Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. ↓ Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani.

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			Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
			♣ A rah hmin tha lo ho chu nuai sawm
	7 1	2	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
	V	borer	ani.
	(U. C	♣ Hmaih neih nuaih loh tur ani.
)	CO. 3	♣ Sneg hmaih te lakkhawma paih vek tur
	(1 1	ani.
	1		♣ Seng bang zawng zawng chu uluka taka
	- 1		paih fai vek tur ani.
	J	27	♣ A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani.
	J. Instanti	1	Hmun dam lutukah dah loh tur.
	3	Z AIZAWL Y	Boruak tha taka a hmuh theih nan leh a
		7	rawn chawr no theih nan thlai chu uluk tak a hlawi tur ani.
	Y.)	tak a mawi tur am. 4 Chuan hei hian kah tur ani. Quinalphos 25
	1	1 - 1	EC @ 340 ml/200 lit emaw lamda
			cyhalothrin 5 EC 120 – 160 ml / 200 lit.
) 6		♣ In leh loa sawngbawln a a ro dan tur
	1		tawkah chuan: Arabica / robusta
		SERCHN	
		1	robusta cherry 11.0 %.
	λ	Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
		-	dang te paihpaih vek tur ani.
			Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
		LUNGLEI	Oxycarboxin 0.03% in May - June (Pre-
CEDEALC AND I	NII CE CEORG	THE CONTRACT OF THE CONTRACT O	monsoon) ah kah chhunzawm tur ani.
CEREALS AND		600	Weigning things then the let less let
Rabi Maize	A chin hun	17	→ Vaimim chinna tur atan lei kan let
)		phut darh anga.
	(Hei hian a rawn to chhuah na tur atan
	Į.	2 1 3 3	a pui dawn a ni.
	N	3 -5 7	4 A chi chu kan lei leh saah chuan kan
		1	dah ang.
		LAWNGTLAN	4 A chi chu Thiram @4 g/kg seed hian ak
		The state of the s	sawngbawl hmasa anga.
		SAIHA	4 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			♣ A chi tuh hma in lei leh FYM @5-10
		N N	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		VIV	3 P a g e

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	5		K ₂ O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni.
Soybean, pea, lentil toria, breen gram and black gram cultivation in rice fellow	All stage	Zero tillage	 A than a that theih nan nikhat danah tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani.
Potato	Sowing stage	SERCHH	 Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani.
VEGETABLE CR			# m
Tomato	Bacterial Blight disease	LUNGLEI	Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani .
Early Cole crop	Black spot disease	LAWNGTLAL	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn

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	5	KOLASIB	awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.
Onion and capsicum	Nursery stage	Poly house	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani.
		Phytopthora blight	 ♣ A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/kg seed hi a tha hle ani ♣ Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani.
French bean	Sowing stage	LUNGLEI	 Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani.
Carrot and radish	Sowing stage	LAWNGTLAUSAIHA	 A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.

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ANIMAL HUSBE	NDARY		
Pig	All stages	KOLASIB	 Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani.
	MAMIT	Porcine Reproductive Respiratory Syndrome (PRRS).	Vawknote emaw vawk lak hran.
	Adult stage	Swine fever.	2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani.
Cattle	All age group	SERCHH	Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani.
	All age group	Foot and Mouth Disease (FMD)	Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani.
Poultry	Litter management	LAWNGTLAL	4 Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a.

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			4	Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur
	5	1	+	ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani.
	Preventive	0-3 rd week	4	
	measures	()		1-6 ah F1 vaccine pek tur ani a, chuan
	11100000100	GP)		a puitlingh chuan R ₂ B vaccine pek tur
	8			ani.
	3	San Land	4	B complex with antibodies
		4th weeks	4	Coccidiosis- Amprolium or
	2	//	-	coccidiostat
	MADNIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY	5. 0.00000	T-0 WCCRS	MIL	Calcium tome fortified with B ₁₂
FISHERI	1	Constant 1	100	
	Monitoring)	-	Sangha te hi chaw a hmuar kai lo
	(Sangha	2 2 /		chauh pek thin tur ani. Sangha chaw a
	enkawl)			lo hmuar anih chuan pek hma in ni sa
	2 6			a phoro phawt tur ani.
	1		-	Sangha chaw hi a hmuar lohna turin
		SERCH	(IP)	hmun ro leh uap lutuk lo ah dahthat
				tur ani a, hmuar atang a tur lo inseam
	1			thin, aflatoxin avang a sangha thi lak
			4	atangin sangha a him phah thin. Dil sah kang veka sangha man thin
			5	hian a kumleh a sangha khawinan a dil
	1	AUTO AND STATE OF THE PARTY.		buatsaih a ti awlsam a, dil mawng
		LUNGLEI	189	phoro, chinai phul, leitha hman leh tul
	3		19	dang in dil buatsaih tur ani.
		500		Sangha te natna lak atangin an him em
		11	1	tih enfiah fo a tha a, natna hmuh anih
			1	chuan mithiam te rawn vat a, diltui
		135 6	8	enfiah vat tur ani.
			4	A ranglam a chinai @50kg/ha leh
		(3)		tuisen @1.5mg/l diltui a hman hian
		I amount of the second		sangha natna avang a thi tur lak
		LAWNGTLAND		atangin a veng thei.
		SAIHA	1	
				T-1
			1	2
		W 1	5	

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SAIHA

LAWNGTLAL

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District: Serchhip Period: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/English Date of issue: 20th February, 2018

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	29	30
Min Temp (°C)	9	9	9	10	10
Cloud Coverage	Clear sky				
Max RH (%)	84	85	85	77	80
Min RH (%)	18	17	18	18	16
Wind Speed (KmpH)	2	2	4	4	4
*Wind Direction	E	E	E	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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm (09.40mm)

(10.31mm)

(09.28mm)

(08.44mm) Mamit-0.00mm

Serchhip-0.00mm

Lawngtlai-0.00mm (10.88mm)

Lunglei-0.00mm (09.60mm)

(08.86mm)

(08.44mm)

Weather summary of the past three days

Maximum Tem. (°C):24-26°C Minimum Tem. (°C):14-15°C Maximum RH (%):72-85% Minimum RH (%):48-62%

Wind Direction: Southeasterly Cloud cover: Clear sky

Wind speed: 1-2 km/hr

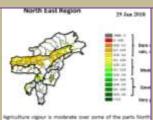
Rainfall: 00.0 mm

Weather forecast valid from 21stFebruary, 2018 To 25thFebruary, 2018.

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 28-30°C and 9-10°C. Maximum relative humidity is expected in the range of 77-85% and minimum may from 16-18%. Wind direction would be easterly to northeasterly with the wind speed of 2-4 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram



Mildly dry condition occurs in all districts of Mizoram.

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Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal					
Animal		practices/ Pest/	husbandry advisories					
/Fisheries		Diseases	·					
FRUITS CROPS								
KHASI	Flushing	<" i	♣ According to forecast and past weather					
MANDARIN	stage	KOLASIB	record, there is no probability of					
AND ACID	Ĭ	1	rainfall. So weekly irrigation is required					
LIME)	C A	for upcoming week or use straw mulch					
STAR FRUIT		1 1	reduces soil water loss.					
STAR FRUIT	3	Company of the same of the sam	♣ Pruning should involve removing					
	1		unhealthy, unwanted and poorly					
PLUM AND		/	positioned branches but minimise the loss of healthy foliage.					
PEACH	MAMIT		The best time to prune is soon after					
PEACH	5	AIZAVA	harvest in winter to early spring before					
	1	Contenue:	bud break. For late varieties where two					
	1)	crops may hang on the tree at once					
	1	6 /	some of the new crop may be lost.					
	- 1							
	1		mixture to reduce the damage of white					
	1)		ant upto 4 feet height.					
		SERCH	Apply Bordeaux mixture to the plant after					
	1	V	pruning.					
			♣ Application of split dose of fertilizer 600:					
			200:100 (g/pt).					
	- 1	Gummosis,	Due to low temperature and humidity					
		citrus canker,	disease appearance will more. Use Bordeaux past in tree trunk, twigs and branches					
	3	citrus greening and Dieback	protect healthy plant from soil borne					
	100	and Dieback	disease.					
PLANTATION CR	OP.							
COFFEE	Blooming		♣ If day temperature and prolong dry					
	stage	19 6	spell occur it lead to Floral					
			abnormalities like "Star Flower" in					
		(-3)	Arabica and "Pink Flower" in Robusta.					
		American Control	♣ Irrigation of plants at alternate day's interval, 6 weeks before harvesting					
		LAWNGTLAN	in an					
		# SAIHA	development, and reduces fruit					
			cracking and improves the fruit quality.					
		1 = 1	# Mulching should be done with dry					
		6 /	\					
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				grasses near the tree base to conserve soil moisture during winter.
			4	The young fruit plant must be irrigated
	1	1		at weekly interval for better establishment.
		7		Foliar application of Mepiquat chloride
		KOLASIB		(a) 1000 PPM concentration or 0.75%
	(f. (3	SSP @ 1.5 g per 200 lt of water 15 days
	1	W)		interval.
Rubber	Vegetative		+	According to forecast and past weather
	stage	2 5		record, there is no probability of
	J			rainfall. So weekly irrigation is required for upcoming week or use straw mulch
	MAMIT			reduces soil water loss.
	Z 1000000	1	2 4	Farmers can go for tapping upto last
	5	(AIZAWIL)	i.i.	week of January.
	1	5	4	Make fire line around the field to save
	1	1 2		from fire.
	- 1		+	Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	1			between 4 plants. Store dried leaves in the pit and after 4 months it can use as
	1)			manure.
Strawberry	Fruit	SERCHH	4	Possibility of rain will be very less. So
	formation to			provide water every alternate day.
	harvesting	4	+	Harvest all mature fruits or partially
	stage		٥.	matured fruit
	1	A HARRIST CO.	*	Periodical harvest must be done once in a week
CEREALS AND F	PULSE CROPS	LUNGLE		d WCCK
Rabi Maize	Harvesting	996	4	Possibility of rain will be very less.
	stage	n ?~~	4	Harvest all the mature cobs.
	J		4	Keep harvested cobs in sundry for 8 to
		(9 2)		10 days to keep the moisture level
				below 10%.
		(=0	*	25% seed will keep as seed for next
			4	year. Parrot attacking trap should be made
		LAWNGTLAN		around field to escape crop from
		/ SAIHA		damage.
Zero tillage	Pod	Zero tillage	<u>.</u>	Possibility of rain will be very less. So
Greengram	formation	201		provide water every alternate day.

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and blackgram	stage	1	♣ Collection and destruction of damage plant or plant part and spraying of any systemic insecticide @ 2ml/lit should
			be done.
	2.1	1	♣ Apply 2% urea solution to avoid stress
	1	7	condition.
	1	KOLASIB	Provide irrigation once in a week.
Zero tillage	Pod	Zero tillage	Possibility of rain will be very less. So
Soybean	formation	W (provide water every alternate day.
cultivation in	stage		♣ Collection and destruction of damage
Jhum		5	plant or plant part and spraying of any
	1		systemic insecticide @ 2ml/lit should
	3		be done.
	MAINIT	1	♣ Apply 2% urea solution to avoid stress
	§	Z AIZAWL Z	condition.
		1	Provide irrigation once in a week.
Zero tillage	Siliqua	Zero tillage	Possibility of rain will be very less. So
Toria	formation	3 6 6	provide water every alternate day.
	stage		4 Apply split dose of fertilizer for better
			growth. 4 Collection and destruction of Blister
	1)		beetles and spraying of Neem oil
		SERCHN	@3ml/lit should be done.
	Į.	V Lang	♣ Apply split dose of fertilizer for better
			growth.
	4		Provide irrigation once in a week.
VEGETABLE CRO)P		
Ginger and	Harvesting	LUNGLEI	♣ Turmeric and ginger is harvested when
turmeric	stage		leaves start yellowing and ultimately
		500	the stem dries down.
	. 7	11 / ~	The plants are-cut close to the ground.
			♣ The crop is irrigated lightly for easy
		100	digging.
		() 1	Harvesting consists of digging of underground clumps of rhizomes
		1	with pick axe or digging fork.
		Contract of the Contract of th	Fingers are separated from mother
		LAWNGTLAN	rhizomes.
		# SAIHA	■ Wash clumps of rhizomes with water
			and keep it for sundry.
			♣ Seed stock will be store from partially
		6 6	

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Early cole crop stage proper drying. Description of the proper drying of the proper drying. Description of the proper	to small pieces for east and past weather no probability of ly twice irrigation is oming week or use
Early cole crop stage Harvesting stage Label According to forect record, there is rainfall. So week required for upon straw mulch reduce Harvest all mature Don't spray any king the property of the propert	no probability of ly twice irrigation is oming week or use
record, there is rainfall. So week required for upon straw mulch reductions and the straw mulch reductions and the straw and the	ly twice irrigation is oming week or use
rainfall. So weeki required for upon straw mulch reduced. Harvest all matured. Don't spray any king the straw is a straw and the straw and t	oming week or use
straw mulch reduce Harvest all mature Don't spray any ki	
■ Don't spray any ki	
crop which creates	
Out and Duth Delate Describe injusting	
	every alternate day
	erations should be
done regularly to	keep the crop free
The state of the s	etter growth of bulb.
	ntity of nitrogen is
	vs after transplanting.
↓ Provide irrigation	if water is require.
	and high humidity
	ulation of onion trips.
The state of the s	emic insecticide 1.5
ml/lt of water.	
3	will be less coming
fruiting stage five days. So altern be done 5 days int	nate irrigation should
	tity of nitrogen is
applied 30-40 days	Č
	and high humidity
	vity of stem rot. Apply
	5 ml/lt of water for
better growth and	
	ations should be done
	the crop free from
	n of the root system. tity of nitrogen is
applied 20, 40 days	s after transplanting.
Drawida innigation i	1 0
→ Provide irrigation i	
reduce damage of	
Brinjal Fruiting to ♣ According to forec	cast and past weather

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	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	(III		required for upcoming week or use
	()	6	straw mulch reduces soil water loss.
) \	3	♣ Interculture operation should be done
		KOLASIB	near to the base of the plant.
	1	NULHOID	4 Apply split dose of nitrogenous
)	A.	fertilizer to the plant.
	(3 4 /	Fruit and shoot borer attack will mare
	7		in dry weather. Apply any systematic
	1	7	insecticide for better cure.
		20	Harvest all mature fruit.
	SAMME		♣ Seed must be keep for next rabi
OL:II:	TARMIT	1	season.
Chilli	Vegetative to	Z ATZAWIL I	According to forecast and past weather record, there is no probability of
	flowering		rainfall. So weekly twice irrigation is
	stage	(3	required for upcoming week or use
	4	1 66	straw mulch reduces soil water loss.
	1	1 3 1	Interculture operation should be done
	No. C		near to the base of the plant.
			Apply split does of nitrogramous
		SERCHN	fertilizer to the plant.
	l l		♣ Mature fruit should be harvested and
Tomato	Flowering to		♣ According to forecast and past weather
	harvesting		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	3	LUNGLEI	required for upcoming week or use
	3	The second secon	straw mulch reduces soil water loss.
	/	- 22	If irrigation is not available keep grass
	. 7	17 (~	and dry leaves as mulch.
			Harvest all the mature which colour
		155	change to pale yellow to red.
			Seed must be keep from self pollinated
		Fruit fly	variety.
		Access to the second se	or malathion 0.15 per cent suspension
		LAWNGTLAN	containing sugar or jeggery at 10 g/l at
		# SAIHA	fortnightly intervals at flowering and fruit
			initiation.
Potato	Harvesting	1 3	If the leaves and plant became dry it
		10 N	means plant ready for harvesting.

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	stage		 ♣ Open the furrow with the help of spade, harvest all mature tubers. ♣ Discard all mother tubers from harvested potato tubers.
		KOLASIB	 Keep 7 -10 days for drying or reduce the moisture level in shed dry. Keep 25% seed for next season sowing.
ANIMAL HUSBEN	NDARY		
Pig	All stages	AIZAVA.	 Animals must keep in dry place or kept in alleviated area and dry bedding (straw) to be provided to young animals. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions vaccinate against swine fever (Vaccines against blacks of the swing strate of the swing swi
		Porcine Reproductive Respiratory Syndrome (PRRS).	available in State Veterinary Departs) 1. Culling of positive pigs or piglets.
Cattle	All age group	LUNGLEI	 In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days is advised. ▶ Provide UMB/Molases if possible in the feed ▶ Provide 10-30 ml of vitamin B-Complex in feed ▶ 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under
		SAIHA	vet supervision. Separate sick animals. The animal should be washed with

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	5		lukewarm water added with little potash (KMnO4) or neem leaves. Long hair near the udder/stomach/back legs should be teamed short.
FISHERY	All age group	AIZAWA	 ♣ Provide preventive dose of anti-coccidial drugs to poultry. ♣ Proper ventilation of shed. ♣ Provide glucose/electral along with vitamin supplements (@5- 6ml/100 birds) with adequate potable water ♣ Avoid overcrowding. ♣ Provide broad-spectrum antihelminthic drugs under vet supervision and recommended doses. ♣ Vaccination as per the schedule with proper consultation with vet. ▶ Day old chick: HVT Marek disease vaccine, 4-7 days:¬ F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. ♣ Remove wet litter.
FIGHERI	Monitoring of fish in pond	LUNGLEI	 Care should be taken that fish are fed with feed that are free from fungus. If the fungal growth is observed in fish feed, the feed needs to be sundried for few days prior to feeding. Fish feed should be stored in cool and dry place to avoid fungal growth that releases aflatoxin which could lead to mortality of fish. Fish harvesting may be carried out by complete dewatering of pond. After dewatering, the pond may be prepared for the next cycle by sundrying of bottom, applying lime, manure, fertilizers etc.

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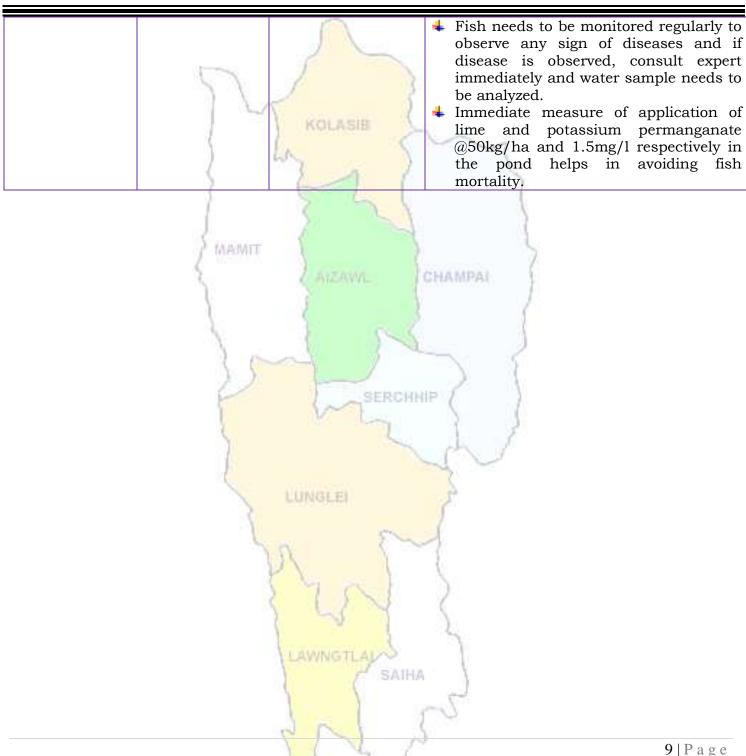


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SAIHA

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: Serchhip Period: 21 February - 25 February, 2018

Bulletin No: - 772/2018/ Bulletin/Mizo

Date of issue: 20th February, 2018

Parameters	21.02.2018	22.02.2018	23.02.2018	24.02.2018	25.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	28	28	28	28 29	30
Min Temp (°C)	9	9	9	10	10
Cloud Coverage	Clear sky				
Max RH (%)	84	85	85	77	80
Min RH (%)	18	17	18	18	16
Wind Speed (KmpH)	2	2	4	4	4
*Wind Direction	E	E	E	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 Post Monsoon- January 1-31, 2018 (Percent of deviation from normal in parenthesis)

Aizawl- 0.00mm

Champhai- 0.00mm

Saiha- 0.00 mm

Kolasib- 0.00mm

(10.31mm)

(09.28mm)

(08.44mm) Mamit-0.00mm (09.40mm)

Lawngtlai-0.00mm

Lunglei-0.00mm

mamit-0.00mm

Serchhip-0.00mm

(10.88mm)

(09.60mm)

(08.86mm)

(08.44mm)

Weather summary of the past three days

Maximum Tem. (°C):24-26°C

Minimum Tem. (°C):14-15°C Maximum RH (%):72-85%

Minimum RH (%):48-62%

Wind Direction: Southeasterly

Cloud cover: Clear sky Wind speed: 1-2 km/hr

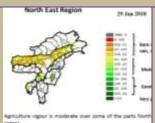
Rainfall: 00.0 mm

21st February – 25th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-30°C a ni ang a. A vawh lai ber in 9-10°C ni tura beisei a ni. RH san lai berin 77-85% leh a hniam lai berin 16-18% ni tur a rin niin. Thli hi darkar khatah 2-4 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



Moderately wet mildly dry/mildly wet conditions

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husbandry advisories Thlasik laia thlai bul khoro lutuk tur vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. Leia tha mamawh tawk a hmuh
vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. Leia tha mamawh tawk a hmuh
vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. Leia tha mamawh tawk a hmuh
vennan chuan hnim hnah hring tlai bul velah dahkhawm tur ani. Thlai naupang deuah chuan chawlh kar tin a tui pek thin tur ani. Leia tha mamawh tawk a hmuh
Leia tha mamawh tawk a hmuh
theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani.
A seng hma kar 6 chhung chu tui tha taka pek hian a rah tla tur chelh nan leh a rah than that nan te leh a rah
keh tur lakah t a veng thei ani.
Temperture hniam lutuk leh hnawng vang hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh a trangah te hnawih tur ani.
Huan zau takah chuan a par tan tirh leh a rah tan tirin chawlhkar hnih chhung chu heng te hian enkawl tur ani: carbaryl 0.2 percent emaw malathion 0.15 percent suspension containing sugar or jeggery at 10 g/l.
Thlai chi thlak hma in Azospirillum leh Phosphobacterium a enkawl tur ani. A chi hi December − January ah hmun zawl/rualrem 1.5 - 2.5 cm a in hlatin tlar mumal tak siam in chin tur ani. Chuan a chi chu lei tlem te a chhilh a buhpawla khuh tur ani. Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur ani. Ni 45 hnu velah a tiak thin a,chu chu bag ah an sawn chhuak leh thin ani.

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			Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
		/	♣ A rah hmin tha lo ho chu nuai sawm
		2	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
		borer	ani.
	(f., C	
)	60°y	♣ Sneg hmaih te lakkhawma paih vek tur
	8	2	ani.
	5	The same of the sa	♣ Seng bang zawng zawng chu uluka taka
	1		paih fai vek tur ani.
	- J		4 A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani. Hmun dam lutukah dah loh tur.
	7. 10.55		Boruak tha taka a hmuh theih nan leh a
	7.	√ AIZAVVI	rawn chawr no theih nan thlai chu uluk
	1	2	tak a hlawi tur ani.
	1		4 Chuan hei hian kah tur ani. Quinalphos 25
	16	3 64 6	EC @ 340 ml/200 lit emaw lamda
			cyhalothrin 5 EC 120 – 160 ml / 200 lit.
			➡ In leh loa sawngbawln a a ro dan tur
	1		tawkah chuan: Arabica / robusta
		SERCHN	
		0 00 00	robusta cherry 11.0 %.
	(Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a dang te paihpaih vek tur ani.
			March (Pre-bloom) a kah phawt a,
	The same of the sa	AVIEWS THE	Oxycarboxin 0.03% in May - June (Pre-
		LUNGLEI	monsoon) ah kah chhunzawm tur ani.
CEREALS AND I	PULSE CROPS		
Rabi Maize	A chin hun	- E	✓ Vaimim chinna tur atan lei kan let
		17	phut darh anga.
	1		Hei hian a rawn to chhuah na tur atan
		7 6	a pui dawn a ni.
	,		♣ A chi chu kan lei leh saah chuan kan
		(dah ang.
		1	♣ A chi chu Thiram @4 g/kg seed hian ak
		LAWNGTLAN	sawngbawl hmasa anga.
		# SAIHA	4 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			♣ A chi tuh hma in lei leh FYM @5-10
		0 0	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
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Soybean, pea,	All stage	Zero tillage	K ₂ O/ha pawlh chu hman phawt tur a ni. Nitrogen dose chanve chu a chi tuh hunlaia hman tur a ni a, tichuan a bang 25% chu thla khat hnu ah ani ang a adang leh 25% chu a par hunah hman tur a ni. ♣ A than a that theih nan nikhat danah
lentil toria, breen gram and black gram cultivation in rice fellow	All stage	Zeio tinage	 tui pek thin tur ani. Lei rih vur hian thlai kung te a veng ve ani. Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga khuh tur ani.
Potato	Sowing stage	AIZAWL	 Muangchang loving alu chin na tur chu buatsaih vat tur ani. Hei hian a than hun laiin natna hrikin lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai taka thlawh hmasak tur ani. A chi thlak hma in a chi chu en fiah hmasak tur ani. A than a that theih nan nikhat danah tui pek thin tur ani.
VEGETABLE CR			Towards hills about all lab as hi
Tomato	Bacterial Blight disease	LUNGLEI	Tomato bikah chuan sik leh sa hi natna an kaina tlang lawn ber ani . Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik ani. Tomato hi a uai a, a thih mai loh nan Ridomil emaw Indofil emaw Mancozeb @ 2 gm hi tui liter 1 ah pawlh a kah tur ani .
Early Cole crop	Black spot disease	LAWNGTLAL	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum rawn

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	5	KOLASIE	awm thin a , hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.
Onion and capsicum	Nursery stage	Poly house	 A than a that theih nan nikhat danah tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bula hnim ring vawm khawm hi tui pek zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim a to loh nan Pendimethalin @ 3.5ml hi tui liter 1 zelah pawlh a kah hi a tha hle ani.
		Phytopthora blight	 ♣ A chi ven that nan thiram 3g/kg seed emaw Trichoderma viride 4g+ metalaxyl 4g (Apron)/kg seed hi a tha hle ani ♣ Hneh taka 1% Bordeaux chawhpawlh emaw 2 g captan emaw 3 copper oxychloride a tui liter 1 hi 10-15 DAS a pek hi a tha hle ani.
French bean	Sowing stage	LUNGLEI	 Tui pek a hnihnah hringa khuh tur ani a. than a that theih nan tui pek hma in lei rin pan hmasak tur ani. A than duna theih nan leh hnim to loh na turin a kung bulah lei vur chhoh zel tur ani.
Carrot and radish	Sowing stage	LAWNGTLAUSAIHA	 A than a that theih nan nikhat danah tui pek thin tur ani. Tui pek hnuah thlai bul vawn hnawn na tur siam tur ani. Zikhlum lam chi ah chuan sik leh sa vangin a hnah ah thil dum a rawn awm thina, hei hi natna tlanglawn ber ani. Thlai hna lam chi leh zikhlum lam chi reng reng enkawl nan Mancozeb @ 2gm ah tui leter 1 pawlha kah tur ani.

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ANIMAL HUSBE	ENDARY		
Pig	All stages	KOLASIB	 Khua a vawh hian vawk hian an mahni in tih lumna tur atan chakna an mamawhna a sang bik ani. An hriselna that leh that loh enfiah renga, a chaw ei tur tlem tlema tih tam hret hret tur ani Sangha tel ah hian omega-3 hi atam em a vangin an chakna muangchanga a in siam chhoh zel theih nan a tha hle ani.
	{ MAIMIT	Porcine Reproductive Respiratory Syndrome (PRRS).	Vawknote emaw vawk lak hran.
	Adult stage	Swine fever.	2. SF vaccines hi thla 2 hnua pek tur ani a, chumi hnuah chuan kumtin thlaruk danah pek chhunzawm tur ani.
Cattle	All age group	SERCHH	 Hun rei tak khua a ro avanga hnim hnah hring peh tur a awm loh laia bawngin an chaw ei in buk tawk tur leh an taksa tana mamawh tur atan buh kung urea molasses hmanga sawngbawl pek tur ani.
	All age group	Foot and Mouth Disease (FMD)	Kar 16 hnuah FMD vaccine pek a, chuan thla tin thla 6 chhung chhunzawm tur ani.
	Young stage	Black Quarter (BQ)	 Black Quarter Vaccine (BQV). Vaccinne hmasa ber hi thla 6 ah emaw a hnu lamah pek tur. Chumi hnuah chuan Vaccine hi kum tin pek tur ani.
Poultry	Litter management	LAWNGTLAN	♣ Ar te hian hmun thawl nuam tawk, chaw tha an mamawh tawk leh tui thianghlim an mamawh tawk an hmu tur ani a.

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			4	Tui an in tur chhawpna tur tha /lian tha tak leh tui thianghlim tak pek tur
	5	1	4	ani. Chaw a hmuar/thing pek loh tur ani a, an chaw eitur thlak sak thut loh tur ani.
	Preventive	0-3 rd week	4	Ranikhet Disease- an pian atanga ni
	measures	1		1-6 ah F1 vaccine pek tur ani a, chuan
	mousures	GP)		a puitlingh chuan R ₂ B vaccine pek tur
	- 5			ani.
	7	STATE	4	B complex with antibodies
		4th weeks	4	Coccidiosis- Amprolium or
	12			coccidiostat
	/ MAMIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY	1	AIZAWL	CH	AMPAI (
	Monitoring		14	Sangha te hi chaw a hmuar kai lo
	(Sangha	3	1	chauh pek thin tur ani. Sangha chaw a
	enkawl)	1 64		lo hmuar anih chuan pek hma in ni sa
	CIIRAWI	V V		a phoro phawt tur ani.
	1		4	Sangha chaw hi a hmuar lohna turin
	1			hmun ro leh uap lutuk lo ah dahthat
		SERCH	OP.	tur ani a, hmuar atang a tur lo inseam
	l l	V Lang		thin, aflatoxin avang a sangha thi lak
				atangin sangha a him phah thin.
			+	Dil sah kang veka sangha man thin
				hian a kumleh a sangha khawinan a dil
		LUNGLEI	0.0	buatsaih a ti awlsam a, dil mawng
	3	(TOTAL SHARE)	1	phoro, chinai phul, leitha hman leh tul
		000		dang in dil buatsaih tur ani.
		10	1	Sangha te natna lak atangin an him em
			- (0	tih enfiah fo a tha a, natna hmuh anih chuan mithiam te rawn vat a, diltui
	1	1 9 8		enfiah vat tur ani.
			4	A ranglam a chinai @50kg/ha leh
		1		tuisen @1.5mg/l diltui a hman hian
				sangha natna avang a thi tur lak
		LAWNGTLAND		atangin a veng thei.
		SAIH	4	5 5
				T-1
			1	7
		N 1	5	

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