

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: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/English

Date of issue: 02nd February, 2018

Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	6	7	7
Cloud Coverage	Clear sky	Clear sky	Mainly clear	Clear sky	Clear sky
Max RH (%)	100	100	93	100	100
Min RH (%)	23	25	29	29	26
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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Champhai- 12.00mm Aizawl- 18.1mm

Saiha- 13.9 mm Kolasib- 21.4mm (14.4mm)

(11.6mm)

(12.1mm)Lunglei-07.4mm

(10.0mm)

Serchhip-17.7mm

Lawngtlai-06.4mm (07.1mm)

(08.7mm)

Mamit-24.3mm (09.6mm)

(12.9mm)

Weather	summary	of the	past
	three da	ys	

Weather forecast valid from 03rdFebruary, 2018 To 07thFebruary, 2018. There are no chances of rainfall during the next 5 days.

Maximum Tem. (°C):20-22°C Minimum Tem. (°C): 8-10°C Maximum RH (%):84-89% Minimum RH (%):42-51% Wind Direction: southeasterly

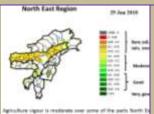
Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

The maximum and minimum temperatures for the next 5 days may range for 25-26°C and 5-7°C. Maximum relative humidity is expected in the range of 93-100% and minimum may from 23-29%. 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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Main Crop/	Stage	Cultural	Agricultural / Horticultural/ animal
Animal		practices/ Pest/	husbandry advisories
/Fisheries		Diseases	
FRUITS CROPS			
KHASI MANDARIN AND ACID LIME	Harvesting 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.
BANANA	}	3	♣ First harvest can be done 5 to 6 years after planting.❖ Fruits are harvested when they attain
STAR FRUIT	\$ MAMIT	AIZAWL	full size, develop attractive colour from green to yellow with optimum sugar and acid blend.
PLUM AND PEACH			 Fruits should be harvested preferably with clipper, shears or secateurs. Oranges should not be harvested in wet weather or during rains. Green or fully ripe fruits can be stored
		SERCHI	in evaporative cool chamber at 8-10°C & 90-95% relative humidity for a period of three weeks after post-harvest treatment with Bavistin (1000 ppm.). Diseased and senile branches should be removed.
	3	Fruit fly	↓ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
		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	OP		-
COFFEE	Fruiting stage	LAWNGTLAUSAIHA	 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.
		1 1 1	2 P a g e

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			Replanting of new seedling Medium to young seedling should be
			support by bamboo stake.
			♣ Replace dead plant with young
		1 3	seedlings.
	1	V con a min	Fertilizer dose should be maintained.
		KOLASIB	Fruiting stage
	1	En . S	→ Foliar application of Mepiquat chloride
	/	77 6 7	@ 1000 PPM concentration or 0.75%
	7		SSP @ 1.5 g per 200 lt of water 15 days
	1	2	interval.
			Spray lantana camera leaf paste
	S avenue		around 3 kg/16 lt water which will give
	MAMIT	1	effective control against drought
	7.	LAIZAWL /	condition. Due to high humidity, high
		1	temperature and less rainfall in hilly
	1	3	region of the district probability of rust
	1	1 66	will be high. So apply Hexaconazole @ 1
	1	1 3 4	ml/10 lt of water.
Rubber	Vegetative		♣ According to forecast and past weather
	stage	SERCHN	record, there is no probability of
		CA SERUMN	rainfall. So weekly irrigation is required
	1		for upcoming week or use straw mulch
	3		reduces soil water loss.
			Farmers can go for tapping upto last
	1	MEMBERS	week of January. ♣ Make fire line around the field to save
		LUNGLEI	from fire.
	17		♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	7	m Em	between 4 plants. Store dried leaves in
		1	the pit and after 4 months it can use as
	(C Vag San V	manure.
Strawberry	Vegetative		♣ Possibility of rain will be very less. So
	stage	-3	provide water every alternate day.
			♣ Possibility to occurrence of Powdery
		LAWNGTLAND	mildew will be high so apply any
		# SAIHA	sulpher based fungicide to reduce disease incidence.
			■ Weeding should to do properly with
		A A	proper fertilizer use.
		6	propor fortime of doc.
		11 1	3 P a g e

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CEREALS AND P	ULSE CROPS			
Rabi Maize	Tassle		4	Irrigation should be provide 3 days
	formation			interval
	stage	1	4	Apply 2% urea solution for better
	1 1	E 1		growth.
		KOLASIB		Weeding should be carried out.
	- 1	Thomas and	×*	Provide irrigation twice in a week or
)	LA N		grow any cover crop in surface of the soil.
	(1 1		Leaf and stem cutter insect will be
	3	- CO.	_	more so apply any contact poison for
	1			reducing pest population.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Greengram	stage	Zero tinage		provide water every alternate day.
and	Stuge	1	4	Collection and destruction of damage
blackgram	- 5	(AIZAWIL)		plant or plant part and spraying of any
bidongidiii	1	5		systemic insecticide @ 2ml/lit should
	1			be done.
	- 1		-	Apply 2% urea solution to avoid stress
	1 0			condition.
Zero tillage	Flowering	Zero tillage	+	Possibility of rain will be very less. So
Soybean	stage	SERCHN	iF.	provide water every alternate day.
cultivation in	1	V~1	*	Collection and destruction of damage
Jhum	1			plant or plant part and spraying of any systemic insecticide @ 2ml/lit should
	1			be done.
	1		4	Apply 2% urea solution to avoid stress
	1	LUNGLEL		condition.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Toria	stage	(***		provide water every alternate day.
	5	17 /2	4	Apply split dose of fertilizer for better
				growth.
		(5 7 7	+	Collection and destruction of Blister
				beetles and spraying of Neem oil
		(3)		@3ml/lit should be done.
		1	-	Apply split dose of fertilizer for better growth.
VEGETABLE CRO)P	ALAMAGT ALCO		grown:
Ginger and	Harvesting	(SMITH	4	Turmeric and ginger is harvested when
turmeric	stage			leaves start yellowing and ultimately
curinciae	stage	1 = 1		the stem dries down.
		Co Co	W	·

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		KOLASIB	 The crop is irrigated lightly for easy digging. Harvesting consists of digging of underground clumps of rhizomes with pick axe or digging fork. Fingers are separated from mother rhizomes. Wash clumps of rhizomes with water and keep it for sundry. Seed stock will be store from partially dry sample. Cut the rhizome to small pieces for
Early cole crop	Vegetative stage	AIZAWL	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. 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.
Onion	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.
		Parl	 Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/lt of water at 10-15 DAS are effective.
French bean	Vegetative stage	SAIHA	 Possibility of rain will be less coming five days. So alternate irrigation should be done 2 days interval. Intercultural operations should be done regularly to keep the crop free from 5 P a g e

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	Financia (Constitution)		weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after sowing.
Capsicum	Transplant 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.
Brinjal	Fruiting to flowering stage		 Provide irrigation if water is require. According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is required for upcoming week or use
	MAMIT	AIZAWL	straw mulch reduces soil water loss. Interculture operation should be done near to the base of the plant. Apply split dose of nitrogenous fertilizer to the plant.
Chilli	Vegetative to flowering stage	SERCHH	According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is
Tomato	Transplant stage	LAWNGTLAUSAIHA	 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. Interculture operation should be done near to the base of the plant. Fertilizer application in split dose of recommended dose. Staking should be done for better fruit growth.
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g

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Potato	Vegetative stage	KOLASIB	+ + +	(Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber. 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. Apply split dose of nitrogenous fertilizer.
ANIMAL HUSBEI		/ ATZAWA 1	Char.	Walter to be set to be set
Pig	All stages	Porcine Reproductive Respiratory	P +++	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.
		Syndrome (PRRS).	1	
Cattle	All age group	LAWNGTLAL	4	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

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	KOLASIB	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 lukewarm water added with little potash (KMnO4) or neem leaves. Long hair near the udder/stomach/back legs should be teamed short.
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
1	LUNGLEI	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.
Monitoring of		♣ Care should be taken that fish are fed
fish in pond	LAWNGTLAU	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.
	Monitoring of	All age group Monitoring of fish in pond

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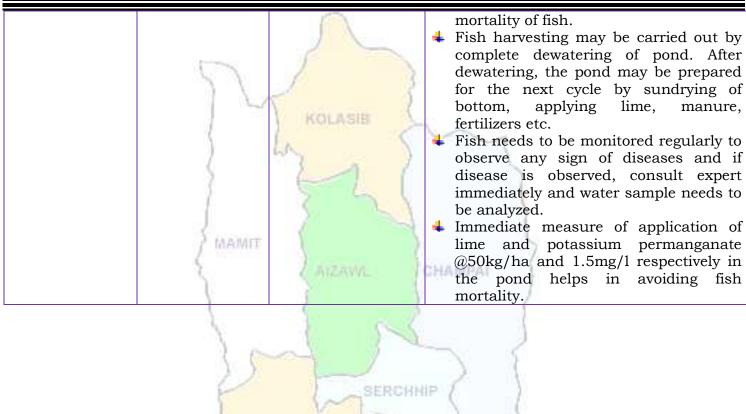


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LUNGLE

LAWNGTLAL

SAIHA

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SAIHA

LAWNGTLAL

CHAMPAI

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Parameters

Max RH (%)

Min RH (%)

Rainfall (mm)

Max Temp (°C)

Min Temp (°C)

Cloud Coverage

Wind Speed (KmpH)

GRAMIN KRISHI MAUSAM SEWA

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District: Aizawl Period: 03 February - 07 February, 2018

04.02.2018

0

25

6

Clear sky

100

25

4

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03.02.2018

0

25

5

Clear sky

100

23

4

3		
05.02.2018	06.02.2018	07.02.2018
0	0	0
26	26	26
6	7	7
Mainly clear	Clear sky	Clear sky
93	100	100

29

4

Date of issue: 02nd February, 2018

*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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm Champhai- 12.00mm

Saiha- 13.9 mm

29

4

Kolasib- 21.4mm

26

4

S-E

(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):20-22°C Minimum Tem. (°C): 8-10°C Maximum RH (%):84-89% Minimum RH (%):42-51%

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

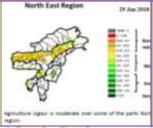
Rainfall: 00.0 mm

03rd February – 07th 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 25-26°C a ni ang a. A vawh lai ber in 5-7°C ni tura beisei a ni. RH san lai berin 93-100% leh a hniam lai berin 23-29% 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 keh tur lakah t a veng thei ani.
PEACH	1	5	Ken tar lakan ta veng theram.
	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	20	♣ 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 I		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
			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.
		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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Contract	5		 K₂O/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
Soybean, pea, lentil toria,	All stage	Zero tillage	tui pek thin tur ani.
breen gram	1	wy)	Lei rih vur hian thlai kung te a veng ve
and black	>		ani.
gram	1	5	♣ Thlasik lai a lei khoro lutuk tur ven nan a chungah hnim leh thildanga
cultivation in	J	/	khuh tur ani.
rice fellow	Carrier at an		Muongahang laying alu ahin na tun
Potato	Sowing stage	AIZAWL I	Muangchang loving alu chin na tur chu buatsaih vat tur ani.
	1		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 theih nan nikhat danah
VEGETABLE CR	OP	Y Long	tui pek thin tur ani.
Tomato	Bacterial		♣ Tomato bikah chuan sik leh sa hi
Tomaco	Blight disease		natna an kaina tlang lawn ber ani .
		LUNGLEI	Hmun hnawng leh ni hmu lo lutuk
	3	MANAGEMENT	hmunah chuan natna an kai hma bik
	-7	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
		75	tur ani .
Early Cole	Black spot	20 7	A than a that their nan nikhat danah tui pek thin tur ani.
crop	disease		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 yangin a hash ah thil dum rawa
			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.
		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	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	Ranikhet Disease- an pian atanga ni
	measures	/ ₂		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 Land	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	Constant 1	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
	1	CC.		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
	(1 50	- 20	chuan mithiam te rawn vat a, diltui enfiah vat tur ani.
			1	
		-2		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	(

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Champhai Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/English

Date of issue: 02nd February, 2018

Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	6	7	7
Cloud Coverage	Clear sky	Clear sky	Mainly clear	Clear sky	Clear sky
Max RH (%)	100	100	99	100	96
Min RH (%)	20	24	23	24	23
Wind Speed (KmpH)	3	4	3	3	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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm Champhai- 12.00mm Saiha- 13.9 mm

Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(10.0mm)

(14.4mm)

Lawngtlai-06.4mm (07.1mm) Lunglei-07.4mm (08.7mm) Mamit-24.3mm (09.6mm) Serchhip-17.7mm (12.9mm)

Weather summary of the past three days

Weather forecast valid from 03rdFebruary, 2018 To 07thFebruary, 2018.

Maximum Tem. (°C):20-22°C Minimum Tem. (°C):6-8°C Maximum RH (%):72-89% Minimum RH (%):45-59% Wind Direction: Southeasterly

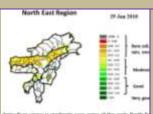
Cloud cover: Clear sky Wind speed: 1-2 km/hr

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 25-26°C and 5-7°C. Maximum relative humidity is expected in the range of 96-100% and minimum may from 20-24%. 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

Rainfall: 00.0 mm



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 MANDARIN AND ACID LIME	Harvesting 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.
BANANA	}	3	♣ First harvest can be done 5 to 6 years after planting.❖ Fruits are harvested when they attain
STAR FRUIT	\$ MAMIT	AIZAWL	full size, develop attractive colour from green to yellow with optimum sugar and acid blend.
PLUM AND PEACH			 Fruits should be harvested preferably with clipper, shears or secateurs. Oranges should not be harvested in wet weather or during rains. Green or fully ripe fruits can be stored
		SERCH	in evaporative cool chamber at 8-10°C & 90-95% relative humidity for a period of three weeks after post-harvest treatment with Bavistin (1000 ppm.). Diseased and senile branches should be removed.
	3	Fruit fly	↓ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
		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	OP		-
COFFEE	Fruiting stage	LAWNGTLAUSAIHA	 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.
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			Replanting of new seedling
			♣ Medium to young seedling should be
			support by bamboo stake.
			♣ Replace dead plant with young
	3 1	1	seedlings.
	1	7	♣ Fertilizer dose should be maintained.
		KOLASIB	Fruiting stage
	4	6.	Foliar application of Mepiquat chloride
)	3	@ 1000 PPM concentration or 0.75%
)		SSP @ 1.5 g per 200 lt of water 15 days
)	5	interval.
	1	5	♣ Spray lantana camera leaf paste
	2		around 3 kg/16 lt water which will give
	MAINIT	1	effective control against drought
	5	AIZAWL I	condition.
	1	Canestrare:	■ Due to high humidity, high
	1	j)	temperature and less rainfall in hilly
	1		region of the district probability of rust
			will be high. So apply Hexaconazole @ 1
	1 6		ml/10 lt of water.
Rubber	Vegetative		♣ According to forecast and past weather
	stage	SERCHN	record, there is no probability of
	1	V~1_	rainfall. So weekly irrigation is required
	(for upcoming week or use straw mulch reduces soil water loss.
	1	1000	Farmers can go for tapping upto last
	1		week of January.
		A Company and	♣ Make fire line around the field to save
		LUNGLEI	from fire.
			♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
		m Em	between 4 plants. Store dried leaves in
			the pit and after 4 months it can use as
	(The same of	manure.
Strawberry	Vegetative	3	♣ Possibility of rain will be very less. So
	stage	J = 3	provide water every alternate day.
	_		♣ Possibility to occurrence of Powdery
		LAWNGTLAL	mildew will be high so apply any
		SAIHA	sulpher based fungicide to reduce
			disease incidence.
			Weeding should to do properly with
		2 2 1	proper fertilizer use.
		1/N M	3 P a g e
			5 1 4 8 6

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CEREALS AND P	ULSE CROPS			
Rabi Maize	Tassle		4	Irrigation should be provide 3 days
	formation			interval
	stage	1	4	Apply 2% urea solution for better
	1 1	5		growth.
		KOLASIB		Weeding should be carried out.
	- 1	Thomas -	\ *	Provide irrigation twice in a week or
)	LA N		grow any cover crop in surface of the soil.
	(1 1		Leaf and stem cutter insect will be
	3	(Care)	_	more so apply any contact poison for
	1			reducing pest population.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Greengram	stage	Zero tinage		provide water every alternate day.
and	stage	1	4	Collection and destruction of damage
blackgram	- 5	(AIZAWIL)	ui-	plant or plant part and spraying of any
bidongidin	1	5		systemic insecticide @ 2ml/lit should
	1	1		be done.
	1		-	Apply 2% urea solution to avoid stress
	1 0			condition.
Zero tillage	Flowering	Zero tillage	+	Possibility of rain will be very less. So
Soybean	stage	SERCHN	IF.	provide water every alternate day.
cultivation in	1	V~1	-	Collection and destruction of damage
Jhum	(plant or plant part and spraying of any systemic insecticide @ 2ml/lit should
	1			be done.
			4	Apply 2% urea solution to avoid stress
		LUNGLE)		condition.
Zero tillage	Flowering	Zero tillage	+	Possibility of rain will be very less. So
Toria	stage	Į ⁿ i.		provide water every alternate day.
		7 7	4	Apply split dose of fertilizer for better
				growth.
		(6 20)	4	Collection and destruction of Blister
				beetles and spraying of Neem oil
		3		@3ml/lit should be done.
			*	Apply split dose of fertilizer for better
VEGETABLE CRO	ND .	LIAMMETT ALCO		growth.
Ginger and	Harvesting	1/ SAULA	4	Turmeric and ginger is harvested when
turmeric	_		_	leaves start yellowing and ultimately
turmeric	stage			the stem dries down.
		0 0	W	

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	MAINIT	KOLASIB	 The plants are-cut close to the ground. The crop is irrigated lightly for easy digging. Harvesting consists of digging of underground clumps of rhizomes with pick axe or digging fork. Fingers are separated from mother rhizomes. Wash clumps of rhizomes with water and keep it for sundry. Seed stock will be store from partially dry sample. Cut the rhizome to small pieces for proper drying.
Early cole crop	Vegetative stage	AIZAWL	 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. Intercultural operations should be done regularly to keep the crop free from
Onion	Vegetati <mark>ve</mark> 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.
		Par!	 Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
French bean	Vegetative stage	LAWNGTLAN	 Possibility of rain will be less coming five days. So alternate irrigation should be done 2 days interval. Intercultural operations should be done regularly to keep the crop free from
		174	5 P a g e

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			weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after sowing.
Capsicum	Transplant stage	Poly house	♣ Intercultural operations should be done regularly to keep the crop free from weeds and aeration of the root system.
	}	KOLASIB	 Remaining quantity of nitrogen is applied 30-40 days after transplanting. Provide irrigation if water is require.
Brinjal	Fruiting to flowering stage	33	According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is required for upcoming week or use
	MAMIT	AIZAWL	straw mulch reduces soil water loss. Interculture operation should be done near to the base of the plant. Apply split dose of nitrogenous
Chilli	Vegetative to flowering stage	SERCHH	straw mulch reduces soil water loss. Interculture operation should be done near to the base of the plant.
		LUNGLEL	Apply split dose of nitrogenous fertilizer to the plant.Staking should be done.
Tomato	Transplant stage	7 7	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.
		LAWNGTLAN	 Interculture operation should be done near to the base of the plant. Fertilizer application in split dose of recommended dose. Staking should be done for better fruit
		Damping off	growth. Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g

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Potato	Vegetative stage	KOLASIB	+ I i c a a a a a a a a a a a a a a a a a a	Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber. 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. Apply split dose of nitrogenous
ANIMAL HUSBEI	IDARY		į.	ertilizer.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	4 1 2 4 F 4 F 4 F 4 F 4 F 4 F 6 6 6 6 6 6 6 6 6	Animals must keep in dry place or kept in alleviated area and dry bedding straw) to be provided to young animals. Ist injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under yet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather conditions yaccinate against swine fever (Vaccines available in State Veterinary Departs) Culling of positive pigs or piglets.
Cattle	All age group	LAWNGTLAL	ca m Ay w au 4 Pr	are should be taken against attack of aggots in the wounds of animals. pplication of turpentine oil in the rounds followed by application of antibiotics for five days is advised. rovide UMB/Molases if possible in the red rovide 10-30 ml of vitamin B-Complex

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		KOLASIB	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 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
FISHERY	1	LUNGLEI	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.
	Monitoring of fish in pond	LAWNGTLAUSAIHA	 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

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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 applying lime, bottom, manure, KOLASIB fertilizers etc. **↓** Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed. ↓ Immediate measure of application of lime and potassium permanganate MAMIT @50kg/ha and 1.5mg/l respectively in the pond helps in avoiding fish mortality.

LUNGLE

LAWNGTLAL

SAIHA

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LAWNGTLAL

CHAMPAI

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District: Champhai Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/Mizo

Date of issue: 02nd February, 2018

Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	6	7	7
Cloud Coverage	Clear sky	Clear sky	Mainly clear	Clear sky	Clear sky
Max RH (%)	100	100	99	100	96
Min RH (%)	20	24	23	24	23
Wind Speed (KmpH)	3	4	3	3	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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm

Champhai- 12.00mm

Saiha- 13.9 mm

(09.6mm)

Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(08.7mm)

(10.0mm)

(14.4mm)

Lawngtlai-06.4mm (07.1mm) Lunglei-07.4mm

Mamit-24.3mm

Serchhip-17.7mm (12.9mm)

Weather summary of the past three days

03rd February - 07th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Maximum Tem. (°C):20-22°C Minimum Tem. (°C):6-8°C Maximum RH (%):72-89% Minimum RH (%):45-59% Wind Direction: Southeasterly

Cloud cover: Clear sky

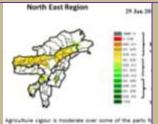
Wind speed: 1-2 km/hr

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 25-26°C a ni ang a. A vawh lai ber in $5-7^{\circ}$ C ni tura beisei a ni. RH san lai berin of 96-100% leh a hniam lai berin 20-24% 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.

Rainfall: 00.0 mm

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	}	56	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	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.
	((♣ 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 T7: 10: 10: 11: 10: 10: 10: 10: 10: 10: 10
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
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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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	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	100		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			Thlai chhina hmun (nursery) hi hnim a
	MAMIT			to loh nan Pendimethalin @ 3.5ml hi
	\$	1.77000		tui liter 1 zelah pawlh a kah hi a tha hle ani.
	- 4	Phytopthora		A chi ven that nan thiram 3g/kg seed
)	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
	14.5		->)	oxychloride a tui liter 1 hi 10-15 DAS a
		SERVIN	in I	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		7.00	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.
	1		10.0	Zikhlum lam chi ah chuan sik leh
	ì	1 7 6	2	sa vangin a hnah ah thil dum a
	1	1 55 7	1	rawn awm thina, hei hi natna
			4	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	LAWNGTLAN	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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			Tui an in tur chhawpna tur tha /l tha tak leh tui thianghlim tak pek			
	5		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	O O WCCI		1-6 ah F1 vaccine pek tur ani a, chuan		
	mousuros	GP)		a puitlingh chuan R ₂ B vaccine pek tur		
	- 5			ani.		
	1	STATE	4	B complex with antibodies		
	-	4th weeks	4	Coccidiosis- Amprolium or		
	2			coccidiostat		
	MAGMIT	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	1	1	chauh pek thin tur ani. Sangha chaw a		
	,	3 6 6		lo hmuar anih chuan pek hma in ni sa		
	enkawl)		-	a phoro phawt tur ani.		
			4	Sangha chaw hi a hmuar lohna turin		
	+)			hmun ro leh uap lutuk lo ah dahthat		
		SERCH	OP.	tur ani a, hmuar atang a tur lo inseam		
	1	V		thin, aflatoxin avang a sangha thi lak		
				atangin sangha a him phah thin.		
	1		4	Dil sah kang veka sangha man thin		
	- 1			hian a kumleh a sangha khawinan a dil		
		LUNGLEI		buatsaih a ti awlsam a, dil mawng		
	>	F-713-20-1-11	1	phoro, chinai phul, leitha hman leh tul		
	1	y****	1	dang in dil buatsaih tur ani.		
	, h	17	+	Sangha te natna lak atangin an him em		
			- (tih enfiah fo a tha a, natna hmuh anih		
	1	(ly se)	3	chuan mithiam te rawn vat a, diltui		
		3	2	enfiah vat tur ani.		
		1 55	-	A ranglam a chinai @50kg/ha leh		
			169	tuisen @1.5mg/l diltui a hman hian		
		LAWNGTLAL		sangha natna avang a thi tur lak atangin a veng thei.		
		F SAIH	À	atangin a veng men.		
				لـــ		
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SAIHA

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: Kolasib Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/English Date of issue: 02nd February, 2018

	100	P	4		
Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	26	26	26	26
Min Temp (°C)	5	6	7	7	7
Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Mainly clear
Max RH (%)	100	100	100	100	100
Min RH (%)	26	26	29	30	28
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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm Champhai- 12.00mm

Saiha- 13.9 mm Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(10.0mm) (14.4mm)

Lawngtlai-06.4mm (07.1mm)

Lunglei-07.4mm (08.7mm)

Mamit-24.3mm (09.6mm)

Serchhip-17.7mm (12.9mm)

three days

Maximum Tem. (°C):22-26°C

Minimum Tem. (°C):10-12°C

Maximum RH (%):73-82%

Minimum RH (%):51-62%

Wind Direction: Easterly

Cloud cover: Clear sky

Wind speed: 1-2 km/hr

Weather summary of the past

Weather forecast valid from 03rdFebruary, 2018 To 07thFebruary, 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 25-26°C and 5-7°C. Maximum relative humidity is expected in the range of 100% and minimum may from 26-30%. Wind direction would be southeasterly with the wind speed of 4 km per hour. Clear sky will prevail during the next five days.

Rainfall: 00.0 mm

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram

North East Region 29-Jee 2010

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 MANDARIN AND ACID LIME	Harvesting 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.
BANANA	}	3	♣ First harvest can be done 5 to 6 years after planting.❖ Fruits are harvested when they attain
STAR FRUIT	MAMIT	AIZAWL	full size, develop attractive colour from green to yellow with optimum sugar and acid blend.
PLUM AND PEACH	}		 Fruits should be harvested preferably with clipper, shears or secateurs. Oranges should not be harvested in wet weather or during rains. Green or fully ripe fruits can be stored
		SERCH	in evaporative cool chamber at 8-10°C & 90-95% relative humidity for a period of three weeks after post-harvest treatment with Bavistin (1000 ppm.). Diseased and senile branches should be removed.
	3	Fruit fly	In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
		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	OP		
COFFEE	Fruiting stage	LAWNGTLAUSAIHA	 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.
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	MAMIT	KOLASIB	 Medium to young seedling should be support by bamboo stake. Replace dead plant with young seedlings. Fertilizer dose should be maintained. Fruiting stage Foliar application of Mepiquat chloride @ 1000 PPM concentration or 0.75% SSP @ 1.5 g per 200 lt of water 15 days interval. Spray lantana camera leaf paste around 3 kg/16 lt water which will give effective control against drought condition. Due to high humidity, high temperature and less rainfall in hilly region of the district probability of rust will be high. So apply Hexaconazole @ 1
Rubber	Vegetative stage	LUNGLEI	 ml/10 lt of water. 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
Strawberry	Vegetative stage	LAWNGTLAL	 Possibility of rain will be very less. So provide water every alternate day. Possibility to occurrence of Powdery mildew will be high so apply any sulpher based fungicide to reduce disease incidence. Weeding should to do properly with proper fertilizer use.

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CEREALS AND P	ULSE CROPS			
Rabi Maize	Tassle formation	2	+	Irrigation should be provide 3 days interval
	stage		4	Apply 2% urea solution for better
	stage	2		growth.
	1	V	4	Weeding should be carried out.
		KOLASIB	4	Provide irrigation twice in a week or
	1	(A)	-	grow any cover crop in surface of the
	1	" 1		soil.
	7		+	Leaf and stem cutter insect will be
	1	2		more so apply any contact poison for
				reducing pest population.
Zero tillage	Flowering	Zero tillage	+	Possibility of rain will be very less. So
Greengram	stage	1		provide water every alternate day.
and	3	Z ATZAWIL Z	Ci.	Collection and destruction of damage plant or plant part and spraying of any
blackgram	1			systemic insecticide @ 2ml/lit should
	1	3		be done.
	1	1 83	4	Apply 2% urea solution to avoid stress
	1	1 3 4		condition.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Soybean	stage	SERCHN		provide water every alternate day.
cultivation in		- SERONN	+	Collection and destruction of damage
Jhum	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			plant or plant part and spraying of any
				systemic insecticide @ 2ml/lit should
				be done.
	1	NAME OF THE OWNERS OF THE OWNER,	+	Apply 2% urea solution to avoid stress
7 4 11	T01	7 4:11		condition.
Zero tillage	Flowering	Zero tillage	-	Possibility of rain will be very less. So provide water every alternate day.
Toria	stage	- Em	-	Apply split dose of fertilizer for better
		11	_	growth.
		P Var and I	4	Collection and destruction of Blister
				beetles and spraying of Neem oil
) 55 Y		@3ml/lit should be done.
			4	Apply split dose of fertilizer for better
		LINWAGTINIA		growth.
VEGETABLE CRO		Te Spills		
Ginger and	Harvesting		+	Turmeric and ginger is harvested when
turmeric	stage		r.	leaves start yellowing and ultimately
				the stem dries down.

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	MAIMIT	KOLASIB	 The plants are-cut close to the ground. The crop is irrigated lightly for easy digging. Harvesting consists of digging of underground clumps of rhizomes with pick axe or digging fork. Fingers are separated from mother rhizomes. Wash clumps of rhizomes with water and keep it for sundry. Seed stock will be store from partially dry sample. Cut the rhizome to small pieces for proper drying.
Early cole crop	Vegetative stage	AIZAWL	 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. Intercultural operations should be done regularly to keep the crop free from
Onion	Vegetati <mark>ve</mark> 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.
		Par!	 Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
French bean	Vegetative stage	LAWNGTLAN	 Possibility of rain will be less coming five days. So alternate irrigation should be done 2 days interval. Intercultural operations should be done regularly to keep the crop free from
		1 4	5 P a g e

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		1	weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after sowing.
Capsicum	Transplant 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.
Brinjal	Fruiting to flowering stage	AIZAWL	 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. Interculture operation should be done near to the base of the plant. Apply split dose of nitrogenous fertilizer to the plant.
Chilli	Vegetative to flowering stage	SERCHH	According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is
Tomato	Transplant stage	LAWNGTLANSAIHA	 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. Interculture operation should be done near to the base of the plant. Fertilizer application in split dose of recommended dose. Staking should be done for better fruit growth.
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g

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Potato	Vegetative stage	KOLASIB	+ + +	(Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber. 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. Apply split dose of nitrogenous fertilizer.
ANIMAL HUSBEI		/ Arzawa	Char	Walter to be set to the set.
Pig	All stages	Porcine Reproductive Respiratory	P +++	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.
		Syndrome (PRRS).	1	
Cattle	All age group	LAWNGTLAUSAIHA	\ +	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

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		KOLASIB	 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 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		Charles I	Remove wet litter.
	Monitoring of fish in pond	LAWNGTLAUSAIHA	 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

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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 applying lime, bottom, manure, KOLASIB fertilizers etc. **↓** Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed. ↓ Immediate measure of application of lime and potassium permanganate MAMIT @50kg/ha and 1.5mg/l respectively in the pond helps in avoiding fish mortality.

LUNGLE

LAWNGTLAL

SAIHA

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Kolasib Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/Mizo

Date of issue: 02nd February, 2018

Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	26	26	26	26
Min Temp (°C)	5	6	7	7	7
Cloud Coverage	Clear sky	Clear sky	Clear sky	Mainly clear	Mainly clear
Max RH (%)	100	100	100	100	100
Min RH (%)	26	26	29	30	28
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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm

Champhai- 12.00mm

Saiha- 13.9 mm

Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(08.7mm)

(10.0mm)

(14.4mm)

Lawngtlai-06.4mm

Lunglei-07.4mm

Mamit-24.3mm (09.6mm)

Serchhip-17.7mm (12.9mm)

Weather summary of the past

three days

(07.1mm)

03rd February – 07th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

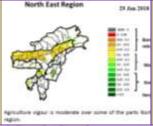
Maximum Tem. (°C):22-26°C
Minimum Tem. (°C):10-12°C
Maximum RH (%):73-82%
Minimum RH (%):51-62%
Wind Direction: Easterly
Cloud cover: Clear sky
Wind speed: 1-2 km/hr

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 25-26°C a ni ang a. A vawh lai ber in 5-7°C ni tura beisei a ni. RH san lai berin 100% leh a hniam lai berin 26-30% 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

Rainfall: 00.0 mm



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	1	5	incir our randir our voing that arm
	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	3	paih fai vek tur ani.
]		♣ A thlai vennan a rah tlai ho chu paih vek
	MAMIT		tur ani.
	J. Interview		Hmun dam lutukah dah loh tur.
	1	Z AIZAWIL Z	Boruak tha taka a hmuh theih nan leh a
)	3	rawn chawr no theih nan thlai chu uluk
	1)	tak a hlawi tur ani. 4 Chuan hei hian kah tur ani. Quinalphos 25
	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
	10		tawkah chuan: Arabica / robusta
		SERCHN	
		(Sections	robusta cherry 11.0 %.
	1	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-
			monsoon) ah kah chhunzawm tur ani.
CEREALS AND I		270	1 7 7 1 1 1 1 1 1
Rabi Maize	A chin hun	11	→ Vaimim chinna tur atan lei kan let
		31	phut darh anga.
	(Hei hian a rawn to chhuah na tur atan
	į.	2 1 1 1	a pui dawn a ni.
	i i) -4 7	4 A chi chu kan lei leh saah chuan kan
		1	dah ang.
		Leaven and	♣ 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 10	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		111	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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	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.
	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	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
		W)		a puitlingh chuan R2B vaccine pek tur
	>			ani.
	7	5	4	B complex with antibodies
		4th weeks	4	Coccidiosis- Amprolium or
	2			coccidiostat
	J. MAINIT	4-5 th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY	1	AIZAWL	CH	AMPAI (
	Monitoring		4	Sangha te hi chaw a hmuar kai lo
	(Sangha	3		chauh pek thin tur ani. Sangha chaw a
	enkawl)	1 5		lo hmuar anih chuan pek hma in ni sa
	OIII awij	1 3 7		a phoro phawt tur ani.
	100		4	Sangha chaw hi a hmuar lohna turin
		SERCH	at en a	hmun ro leh uap lutuk lo ah dahthat
		SERUM	11	tur ani a, hmuar atang a tur lo inseam
	V			thin, aflatoxin avang a sangha thi lak
		100		atangin sangha a him phah thin.
		93	-	Dil sah kang veka sangha man thin
				hian a kumleh a sangha khawinan a dil
		LUNGLEI	00	buatsaih a ti awlsam a, dil mawng
	3		1	phoro, chinai phul, leitha hman leh tul
		5	1	dang in dil buatsaih tur ani. Sangha te natna lak atangin an him em
		11	7	tih enfiah fo a tha a, natna hmuh anih
			1	chuan mithiam te rawn vat a, diltui
		135 6	8	enfiah vat tur ani.
	1	1 1	4	A ranglam a chinai @50kg/ha leh
		1	8	tuisen @1.5mg/l diltui a hman hian
				sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
		SAIH	4	
				T-1
		1	1	9
		60	1	

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Lawngtlai Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/English Date of issue: 02nd February, 2018

Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	6	7	7
Cloud Coverage	Clear sky				
Max RH (%)	86	94	95	96	96
Min RH (%)	24	25	29	29	27
Wind Speed (KmpH)	3	2	3	3	3
*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 Champhai- 12.00mm

Saiha- 13.9 mm Kolasib- 21.4mm

(11.6mm) Lawngtlai-06.4mm (12.1mm)
Lunglei-07.4mm

(10.0mm) (14.4mm)
Mamit-24.3mm Serchhip-17.7mm

(07.1mm) Eurigier-07.4mm

(09.6mm)

(12.9mm)

Weather summary of the past three days

Weather forecast valid from 03rdFebruary, 2018 To 07thFebruary, 2018.

Maximum Tem. (°C):20-22°C Minimum Tem. (°C):10-12°C Maximum RH (%):72-87% Minimum RH (%):38-42% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 1-2 km/hr There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 25-26°C and 5-7°C. Maximum relative humidity is expected in the range of 94-98% and minimum may from 28-42%. Wind direction would be easterly to northeasterly with the wind speed of 3-4 km per hour. Clear sky will prevail during the next five days.

Rainfall: 00.0 mm

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram

North East Region 29-Jun 2416

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	Harvesting	5	♣ According to forecast and past weather
MANDARIN	stage	KOLASIB	record, there is no probability of rainfall.
AND ACID	(So weekly irrigation is required for
LIME)	60	upcoming week or use straw mulch
BANANA	8		reduces soil water loss. 4 First harvest can be done 5 to 6 years
)	Same	after planting.
	1	5	Fruits are harvested when they attain
STAR FRUIT	2		full size, develop attractive colour from
	MAMIT	1	green to yellow with optimum sugar and
	1	Z AIZAWIL	acid blend.
PLUM AND	1		Fruits should be harvested preferably
PEACH	1	(with clipper, shears or secateurs.
	4	1 Res	Oranges should not be harvested in wet
	1		weather or during rains.
	1		♣ Green or fully ripe fruits can be stored in evaporative cool chamber at 8-10°C &
		SERCH	
		- SERONI	three weeks after post-harvest treatment
	(with Bavistin (1000 ppm.).
			♣ Diseased and senile branches should be
	()()		removed.
	1	Fruit fly	In large gardens apply carbaryl 0.2 per cent
		LUNGLEI	or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at
	1/1		fortnightly intervals at flowering and fruit
		11	initiation.
		Gummosis,	↓ Due to low temperature and humidity
	()	citrus canker,	disease appearance will more. Use Bordeaux past in tree trunk, twigs and branches
		citrus greening and Dieback	protect healthy plant from soil borne
		and Dievack	disease.
PLANTATION CR	1		
COFFEE	Fruiting stage	LAWNGTLAN	♣ According to forecast and past weather
		SAIHA	
			rainfall. So weekly irrigation is required for upcoming week or use straw mulch
		1 2 1	reduces soil water loss.
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			Replanting of new seedling 4 Medium to young seedling should be
			support by bamboo stake. 4 Replace dead plant with young
	2.1	1	seedlings.
	1	V comments of	♣ Fertilizer dose should be maintained.
	1	KOLASIB	Fruiting stage
)	A. 1	Foliar application of Mepiquat chloride
	(3 4 /	@ 1000 PPM concentration or 0.75%
	7		SSP @ 1.5 g per 200 lt of water 15 days interval.
	Į.	()	Spray lantana camera leaf paste
			around 3 kg/16 lt water which will give
	MAMIT		effective control against drought
	\$	AIZAWIL 1	condition.
	- 1	Contention:	■ Due to high humidity, high
	1	<i>(</i>)	temperature and less rainfall in hilly
	1	i al	region of the district probability of rust
	1		will be high. So apply Hexaconazole @ 1 ml/10 lt of water.
Rubber	Vegetative		♣ According to forecast and past weather
1145501	stage	armenu.	record, there is no probability of
	Sug	SERCHN	rainfall. So weekly irrigation is required
	V		for upcoming week or use straw mulch
		-	reduces soil water loss.
			Farmers can go for tapping upto last
		A PERSONAL PROPERTY.	week of January. 4 Make fire line around the field to save
)	LUNGLEI	from fire.
		y***	♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	4	n ?~	between 4 plants. Store dried leaves in
			the pit and after 4 months it can use as
G. 1		() ()	manure.
Strawberry	Vegetative		♣ Possibility of rain will be very less. So provide water every alternate day.
	stage	30	Possibility to occurrence of Powdery
		la company of the	mildew will be high so apply any
		LAWNGTLAN	sulpher based fungicide to reduce
		SAIHA	disease incidence.
			Weeding should to do properly with
		2 2	proper fertilizer use.
		P P	3 P a g e

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CEREALS AND P	ULSE CROPS			
Rabi Maize	Tassle		4	Irrigation should be provide 3 days
	formation			interval
	stage	1	4	Apply 2% urea solution for better
	1 1	5		growth.
		KOLASIB		Weeding should be carried out.
	- l	Thomas -	×*	Provide irrigation twice in a week or
)	LA N		grow any cover crop in surface of the soil.
	(1 1		Leaf and stem cutter insect will be
	3	(Care)	_	more so apply any contact poison for
	1			reducing pest population.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Greengram	stage	Zero tinage		provide water every alternate day.
and	stage	1	4	Collection and destruction of damage
blackgram	- 5	(AIZAWIL)	ui-	plant or plant part and spraying of any
bidongidin	1	5		systemic insecticide @ 2ml/lit should
	1	1		be done.
	1		-	Apply 2% urea solution to avoid stress
	1 0			condition.
Zero tillage	Flowering	Zero tillage	+	Possibility of rain will be very less. So
Soybean	stage	SERCHN	IF.	provide water every alternate day.
cultivation in	1	V~1	-	Collection and destruction of damage
Jhum	(plant or plant part and spraying of any systemic insecticide @ 2ml/lit should
	1			be done.
			4	Apply 2% urea solution to avoid stress
		LUNGLEL		condition.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Toria	stage	Y th C		provide water every alternate day.
		17 100	4	Apply split dose of fertilizer for better
				growth.
		(19 70)	4	Collection and destruction of Blister
				beetles and spraying of Neem oil
		30		@3ml/lit should be done.
		The same of the sa	-	Apply split dose of fertilizer for better growth.
VEGETABLE CRO)P	LIAWMETTAL		grown:
Ginger and	Harvesting	1 January	4	Turmeric and ginger is harvested when
turmeric	stage			leaves start yellowing and ultimately
turment	stage			the stem dries down.
		6	VU.	

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	MAMIT	KOLASIB	 The crop is irrigated lightly for easy digging. Harvesting consists of digging of underground clumps of rhizomes with pick axe or digging fork. Fingers are separated from mother rhizomes. Wash clumps of rhizomes with water and keep it for sundry. Seed stock will be store from partially dry sample. Cut the rhizome to small pieces for proper drying.
Early cole crop	Vegetative stage	AIZAWL	 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. Intercultural operations should be done regularly to keep the crop free from
Onion	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.
		Par 1	 Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
French bean	Vegetative stage	LAWNGTLAN	♣ Possibility of rain will be less coming

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		1	weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after sowing.
Capsicum	Transplant	Poly house	♣ Intercultural operations should be done
	stage	-1	regularly to keep the crop free from
		KOLASIB	weeds and aeration of the root system.
	- t	110000000	Remaining quantity of nitrogen is
)	W. J	applied 30-40 days after transplanting.
Brinjal	Emiting to	1 1	Provide irrigation if water is require.According to forecast and past weather
Brilljai	Fruiting to flowering		record, there is no probability of
			rainfall. So weekly twice irrigation is
	stage	1	required for upcoming week or use
	MAMIT		straw mulch reduces soil water loss.
	\$	107000	♣ Interculture operation should be done
	- 1	(AIZAWL)	near to the base of the plant.
	1	5	4 Apply split dose of nitrogenous
	4.5		fertilizer to the plant.
Chilli	Vegetative to		♣ According to forecast and past weather
	flowering		record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
		SERCHN	required for upcoming week or use straw mulch reduces soil water loss.
	1	V	Interculture operation should be done
	5		near to the base of the plant.
	- 1		4 Apply split dose of nitrogenous
	1		fertilizer to the plant.
		LUNGLEI	Staking should be done.
Tomato	Transplant	The second secon	♣ According to forecast and past weather
	stage	5%	record, there is no probability of
	. 7	11	rainfall. So weekly twice irrigation is
			required for upcoming week or use
	1	1700	straw mulch reduces soil water loss. Interculture operation should be done
		1 6 3	near to the base of the plant.
		1	Fertilizer application in split dose of
		LAWNGTLAL	recommended dose.
		SAIHA	♣ Staking should be done for better fruit
			growth.
		Damping off	Seed treatment with thiram 3g/kg seed or
		201	Trichoderma viride 4g+ metalaxyl 4g

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Potato	Vegetative stage	KOLASIB	+ + +	(Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber. 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. Apply split dose of nitrogenous fertilizer.
ANIMAL HUSBE		/ AVERNA		National amount leader in dies als a con-
Pig	All stages	Porcine Reproductive	1	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.
	-	Respiratory	1	
Cattle	All age group	LAWNGTLAL SAIHA	+	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

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		KOLASIB	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 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.
FISHERY			Remove wet litter.
	Monitoring of fish in pond	LAWNGTLAUSAIHA	 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

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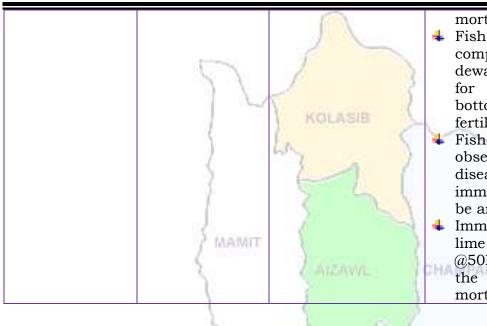


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Mizoram Centre, Kolasib- 796081, MIZORAM

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





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.
- Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed.
- ↓ Immediate measure of application of lime and potassium permanganate @50kg/ha and 1.5mg/l respectively in the pond helps in avoiding fish mortality.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lawngtlai Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/Mizo

Date of issue: 02nd February, 2018

Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	6	7	7
Cloud Coverage	Clear sky				
Max RH (%)	86	94	95	96	96
Min RH (%)	24	25	29	29	27
Wind Speed (KmpH)	3	2	3	3	3
*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- October 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 283.0mm

Champhai- 0.00mm

Saiha- 57.9 mm

Kolasib- 50.0mm

(44.8mm)

(35.9mm)

(33.7mm)

(64.0 mm)

(34.8mm)

Lawngtlai-135.3mm (54.1mm) Lunglei-130.3mm

Mamit-231.0mm (17.9mm) Serchhip-234.8mm (56.3mm)

Weather summary of the past three days

03rd February - 07th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

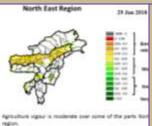
Maximum Tem. (°C):22-23°C Minimum Tem. (°C):11-14°C Maximum RH (%):84-89% Minimum RH (%):38-49% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 1-2 km/hr

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 24-25°C a ni ang a. A vawh lai ber in 8-100C ni tura beisei a ni. RH san lai berin 94-98% leh a hniam lai berin 28-42% 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

Rainfall: 00.0 mm



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	nusbandry advisories
FRUITS CROPS		Diseases	
KHASI	A Irvi otongo	20	♣ Thlasik laia thlai bul khoro lutuk tur
MANDARIN	A kui atanga a seng hun	V comment of	vennan chuan hnim hnah hring tlai bul
AND ACID	a seng nun	KOLASIB	velah dahkhawm tur ani.
LIME	1	A.	4 Thlai naupang deuah chuan chawlh
	(3 4 /	kar tin a tui pek thin tur ani.
BANANA	7		♣ Leia tha mamawh tawk a hmuh
		1	theihna turin a hmunhma a hnim awm te thlawhfai thin tur ani.
STAR FRUIT	1	/	4 A seng hma kar 6 chhung chu tui tha
STAR FROIT	MAMIT		taka pek hian a rah tla tur chelh nan
	5	AIZAWL I	leh a rah than that nan te leh a rah
PLUM AND	1	Valletine.	keh tur lakah t a veng thei ani.
PEACH	1)	
	1	Gummosis, citrus	Temperture hniam lutuk leh hnawng vang
		canker, citrus	hian natna a a tam duh a . Soil bome natna laka vennan Bordeaux past hi thing zar leh
	1	greening and Dieback	a trangah te hnawih tur ani.
	1	Fruit fly	Huan zau takah chuan a par tan tirh leh a
		THE ISENCHM	rah tan tirin chawlhkar hnih chhung chu
	1		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		108/11
COFFEE	All stages	PARAPER	Nursery stage
	M		♣ Thlai chi thlak hma in Azospirillum leh
	1	m 850	Phosphobacterium a enkawl tur ani.
		11	👃 A chi hi December – January ah hmun
		C Var San V	zawl/rualrem 1.5 - 2.5 cm a in hlatin
			tlar mumal tak siam in chin tur ani.
) =3 7	Chuan a chi chu lei tlem te a chhilh a
		- S	buhpawla khuh tur ani.
		LAWNGTLAN	♣ Nitin tui pek tur ani a, a sat lutuka loh nan niin a chhun loh nan zar hliah tur
		SAIHA	ani.
		1	♣ Ni 45 hnu velah a tiak thin a,chu chu
		1	bag ah an sawn chhuak leh thin ani.
		00	

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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
	2.3	1	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
		borer	ani.
	1	Borer	♣ Hmaih neih nuaih loh tur ani.
)	EA.	♣ Sneg hmaih te lakkhawma paih vek tur
		1 1	ani.
	7	the said of the	♣ Seng bang zawng zawng chu uluka taka
	1	2	paih fai vek tur ani.
	1	27	♣ A thlai vennan a rah tlai ho chu paih vek
	Same		tur ani.
	MAMIT	1	♣ Hmun dam lutukah dah loh tur.
	S	Z AIZAWL	♣ Boruak tha taka a hmuh theih nan leh a
	- Y	The state of the s	rawn chawr no theih nan thlai chu uluk
	1)	tak a hlawi tur ani.
	Δ.	1	+ Chuan hei hian kah tur ani. Quinalphos 25
	1.7		EC @ 340 ml/200 lit emaw lamda
)		cyhalothrin 5 EC 120 – 160 ml / 200 lit. In leh loa sawngbawln a a ro dan tur
	100		tawkah chuan: Arabica / robusta
		SERGIN	
		SERCHN	robusta cherry 11.0 %.
		Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
		COLLEGE ITEMS	dang te paihpaih vek tur ani.
	- 1		Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
		A COMPANY TO	Oxycarboxin 0.03% in May - June (Pre-
		LUNGLEI	monsoon) ah kah chhunzawm tur ani.
CEREALS AND	PULSE CROPS		
Rabi Maize	A chin hun	W 85%	✓ Vaimim chinna tur atan lei kan let
		11	phut darh anga.
	/		Hei hian a rawn to chhuah na tur atan
		3 7 6 1	a pui dawn a ni.
	,		♣ A chi chu kan lei leh saah chuan kan
		(-3 4	dah ang.
		1	♣ A chi chu Thiram @4 g/kg seed hian ak
		LAWNGTLAL	sawngbawl hmasa anga.
		J 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
		n 5	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
	I	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, 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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	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	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	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	O O WCCH	1	1-6 ah F1 vaccine pek tur ani a, chuan
	incasures	wy)		a puitlingh chuan R ₂ B vaccine pek tur
	8			ani.
	5	Same	4	B complex with antibodies
	1	4th weeks	4	Coccidiosis- Amprolium or
	2			coccidiostat
	MADVIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY	1	AIZAVA	CH	AMPAI (
	Monitoring		14	Sangha te hi chaw a hmuar kai lo
	(Sangha	1	_	chauh pek thin tur ani. Sangha chaw a
	,	3 6 (lo hmuar anih chuan pek hma in ni sa
	enkawl)			a phoro phawt tur ani.
			4	Sangha chaw hi a hmuar lohna turin
	1			hmun ro leh uap lutuk lo ah dahthat
		SERCH	IIP :	tur ani a, hmuar atang a tur lo inseam
	-	The state of the s		thin, aflatoxin avang a sangha thi lak
	-			atangin sangha a him phah thin.
	1		4	Dil sah kang veka sangha man thin
	1		-	hian a kumleh a sangha khawinan a dil
		LUNGLEI		buatsaih a ti awlsam a, dil mawng
	3	markin Hornald	I	phoro, chinai phul, leitha hman leh tul
	20/	000		dang in dil buatsaih tur ani.
		W ()	7	Sangha te natna lak atangin an him em
			- (0	tih enfiah fo a tha a, natna hmuh anih
		19 8		chuan mithiam te rawn vat a, diltui enfiah vat tur ani.
			7	A ranglam a chinai @50kg/ha leh
		30		tuisen @1.5mg/l diltui a hman hian
				sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
	I	SAIHA	1	<u> </u>
				<u></u>
			1	2
		W 1	5	

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SAIHA

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District: Lunglei Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/English Date of issue: 02nd February, 2018

			The second secon		
Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	26	26	27	27	27
Min Temp (°C)	7	7	8	8	9
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Clear sky
Max RH (%)	100	100	100	100	100
Min RH (%)	22	23	30	29	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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm 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	summ	ıary	OI	tne	past
	three	day	7 S		
Maximum	Tem.	(°C):	18-	2000	
Minimum	Tem	(OC).	10-	1200	٧.

Minimum Tem. (°C):10-12°C Maximum RH (%):83-88% Minimum RH (%):36-46% Wind Direction: Easterly

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

Rainfall: 00.0 mm

Weather forecast valid from 03rdFebruary, 2018 To 07thFebruary, 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 26-27°C and 7-8°C. Maximum relative humidity is expected in the range of 100% and minimum may from 22-30%. 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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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 MANDARIN AND ACID LIME	Harvesting 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.
BANANA		5	♣ First harvest can be done 5 to 6 years after planting.❖ Fruits are harvested when they attain
STAR FRUIT	\$ MAMIT	AIZAWL	full size, develop attractive colour from green to yellow with optimum sugar and acid blend.
PLUM AND PEACH	}		* Fruits should be harvested preferably with clipper, shears or secateurs. Oranges should not be harvested in wet weather or during rains.
		SERCH	 Green or fully ripe fruits can be stored in evaporative cool chamber at 8-10°C & 90-95% relative humidity for a period of three weeks after post-harvest treatment with Bavistin (1000 ppm.). Diseased and senile branches should be removed.
	3	Fruit fly	↓ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
		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	OP		-
COFFEE	Fruiting stage	LAWNGTLAUSAIHA	 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.
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			Replanting of new seedling
			♣ Medium to young seedling should be
		8	support by bamboo stake.
	1	1	♣ Replace dead plant with young
) \	- 1	seedlings.
		KOLASIB	♣ Fertilizer dose should be maintained.
	1	NULHOID	Fruiting stage
)	60	Foliar application of Mepiquat chloride
	(3 4 /	@ 1000 PPM concentration or 0.75%
	7		SSP @ 1.5 g per 200 lt of water 15 days
	1	7	interval.
			Spray lantana camera leaf paste
	Samuer		around 3 kg/16 lt water which will give
	MAMIT	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	effective control against drought condition.
	7.	A AIZAWL /	
		2	■ Due to high humidity, high temperature and less rainfall in hilly
	1	3	region of the district probability of rust
	1	1 0 (will be high. So apply Hexaconazole @ 1
		1 3 3	ml/10 lt of water.
Rubber	Vegetative		♣ According to forecast and past weather
Rubber	stage		record, there is no probability of
	Stage	SERCHH	rainfall. So weekly irrigation is required
		V Lay	for upcoming week or use straw mulch
	1		reduces soil water loss.
			■ Farmers can go for tapping upto last
			week of January.
		LUNGLEI	♣ Make fire line around the field to save
	3	The Lord Lewis Co.	from fire.
	. /	572	♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	. 7	17 (->	between 4 plants. Store dried leaves in
			the pit and after 4 months it can use as
Strawberry	Vegetative	1 7 7	manure. ♣ Possibility of rain will be very less. So
Strawberry	stage	1 5 3	provide water every alternate day.
	SLAGE	(♣ Possibility to occurrence of Powdery
		American services	mildew will be high so apply any
		LAWNGTLAN	sulpher based fungicide to reduce
		# SAIHA	disease incidence.
			♣ Weeding should to do properly with
		No transfer of	proper fertilizer use.
		6 1 7	215
		1	3 P a g e

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CEREALS AND P	ULSE CROPS			
Rabi Maize	Tassle		4	Irrigation should be provide 3 days
	formation			interval
	stage	1	4	Apply 2% urea solution for better
	1 1	E 1		growth.
		KOLASIB		Weeding should be carried out.
	- 1	Thomas and	\ *	Provide irrigation twice in a week or
)	LA N		grow any cover crop in surface of the soil.
	(1 1		Leaf and stem cutter insect will be
	3	- CO.	_	more so apply any contact poison for
	1			reducing pest population.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Greengram	stage	Zero tinage		provide water every alternate day.
and	Stuge	1	4	Collection and destruction of damage
blackgram	- 5	(AIZAWIL)	ui-	plant or plant part and spraying of any
bidongidiii	1	5		systemic insecticide @ 2ml/lit should
	1			be done.
	- 1		-	Apply 2% urea solution to avoid stress
	1 0			condition.
Zero tillage	Flowering	Zero tillage	+	Possibility of rain will be very less. So
Soybean	stage	SERCHN	IF.	provide water every alternate day.
cultivation in	1	V~1	-	Collection and destruction of damage
Jhum	1			plant or plant part and spraying of any systemic insecticide @ 2ml/lit should
	1			be done.
	1		4	Apply 2% urea solution to avoid stress
	1	LUNGLEL		condition.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Toria	stage	(24)		provide water every alternate day.
	5	17 /2	4	Apply split dose of fertilizer for better
				growth.
		(5 7 7	+	Collection and destruction of Blister
				beetles and spraying of Neem oil
		(3)		@3ml/lit should be done.
		The same of the sa	-	Apply split dose of fertilizer for better growth.
VEGETABLE CRO)P	ALAMAGT ALCO		grown:
Ginger and	Harvesting	(SMIIN	4	Turmeric and ginger is harvested when
turmeric	stage			leaves start yellowing and ultimately
curinciic	stage			the stem dries down.
		Co Co	VII.	·

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Early cole crop Stage According to forecast and past weather record, there is no probability rainfall. So weekly twice irrigation required for upcoming week or us straw mulch reduces soil water loss. Intercultural operations should be dor regularly to keep the crop free from weeds and aeration of the root system. Remaining quantity of nitrogen applied 30-40 days after transplanting done regularly to keep the crop free from weeds and aeration of the root system. Intercultural operations should to done regularly to keep the crop free from weeds and aeration of the root system. Remaining quantity of nitrogen applied 30-40 days after transplanting provide irrigation if water is require. Seed treatment with thiram 3g/kg seed of Trichoderma viride 4g+ metalaxyl (Apron)/ kg seed		MAMIT	KOLASIB	 The plants are-cut close to the ground. The crop is irrigated lightly for easy digging. Harvesting consists of digging of underground clumps of rhizomes with pick axe or digging fork. Fingers are separated from mother rhizomes. Wash clumps of rhizomes with water and keep it for sundry. Seed stock will be store from partially dry sample. Cut the rhizome to small pieces for proper drying.
done regularly to keep the crop free from weeds and aeration of the root system. Remaining quantity of nitrogen applied 30-40 days after transplanting Provide irrigation if water is require. Seed treatment with thiram 3g/kg seed Trichoderma viride 4g+ metalaxyl 4 (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. French bean Vegetative done regularly to keep the crop free from weeds and aeration of the root system. Provide irrigation if water is require. Drenching 1% Bordeaux mixture or 2 captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.	•	Vegetative		 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. Intercultural operations should be done regularly to keep the crop free from
Trichoderma viride 4g+ metalaxyl 4 (Apron)/ kg seed Trichoderma viride 4g+ metalaxyl	Onion			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.
			Par	 Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water
be done 2 days interval. Intercultural operations should be done regularly to keep the crop free from	French bean		LAWNGTLAUS	Possibility of rain will be less coming five days. So alternate irrigation should

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		1	weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after sowing.
Capsicum	Transplant	Poly house	♣ Intercultural operations should be done
	stage	5	regularly to keep the crop free from weeds and aeration of the root system.
		KOLASIB	Remaining quantity of nitrogen is
	(applied 30-40 days after transplanting.
	1	60°y)	♣ Provide irrigation if water is require.
Brinjal	Fruiting to		According to forecast and past weather
	flowering	7 6	record, there is no probability of
	stage		rainfall. So weekly twice irrigation is
	MAMIT		required for upcoming week or use straw mulch reduces soil water loss.
	2		Interculture operation should be done
	1	(AIZAWL)	near to the base of the plant.
	\	5	♣ Apply split dose of nitrogenous
	A.c.		fertilizer to the plant.
Chilli	Vegetative to		According to forecast and past weather
	flowering	~)	record, there is no probability of
	stage		rainfall. So weekly twice irrigation is required for upcoming week or use
		SERCHN	straw mulch reduces soil water loss.
	l l	Y La	♣ Interculture operation should be done
		1	near to the base of the plant.
	136		Apply split dose of nitrogenous
	3.6	Milliones	fertilizer to the plant.
Tomato	Transplant	LUNGLEI	Staking should be done.According to forecast and past weather
Tomato	stage	and the same of th	record, there is no probability of
	Stuge	m the	rainfall. So weekly twice irrigation is
		3	required for upcoming week or use
	((4 20)	straw mulch reduces soil water loss.
			Interculture operation should be done
		1	near to the base of the plant. Fertilizer application in split dose of
		1	recommended dose.
		LAWNGTLAN	Letalzing should be done for better fruit
		SAIHA	growth.
		Damping off	Seed treatment with thiram 3g/kg seed or
			Trichoderma viride 4g+ metalaxyl 4g

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Potato	Vegetative stage	KOLASIB	+ + +	(Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber. 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. Apply split dose of nitrogenous
ANIMAL HUSBEN	IDARY			fertilizer.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	# A + + + *	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.
Cattle	All age group	LAWNGTLAL	1 1 1 1 1 2 4 1 1	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

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		KOLASIB	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 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 SERCHH LUNGLEI	 ♣ 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.
FISHERY			♣ Remove wet litter.
	Monitoring of fish in pond	LAWNGTLAL	 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

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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 applying lime, bottom, manure, KOLASIB fertilizers etc. **↓** Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed. ↓ Immediate measure of application of lime and potassium permanganate MAMIT @50kg/ha and 1.5mg/l respectively in the pond helps in avoiding fish mortality.

LUNGLE

LAWNGTLAL

SAIHA

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SAIHA

LAWNGTLAL

CHAMPAI

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



District: Lunglei Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/Mizo

Date of issue: 02nd February, 2018

Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	26	26	27	27	27
Min Temp (°C)	7	7	8	8	9
Cloud Coverage	Clear sky				
Max RH (%)	100	100	100	100	100
Min RH (%)	22	23	30	29	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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm

Champhai- 12.00mm

Saiha- 13.9 mm

Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(08.7mm)

(10.0mm)

(14.4mm)

Lawngtlai-06.4mm (07.1mm)

Lunglei-07.4mm

Mamit-24.3mm (09.6mm)

Serchhip-17.7mm (12.9mm)

Weather summary of the past three days

Maximum Tem. (°C):18-20°C Minimum Tem. (°C):10-12°C

Maximum RH (%):83-88% Minimum RH (%):36-46% Wind Direction: Easterly

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

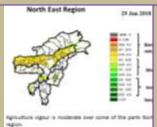
Rainfall: 00.0 mm

03rd February – 07th 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 26-27°C a ni ang a. A vawh lai ber in 7-8°C ni tura beisei a ni. RH san lai berin 100% leh a hniam lai berin 22-30% 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]	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	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	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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		17	Harvesting Stage
			♣ Coffe rah hmin hi thlasik laiin an seng
			thin a ni.
		1	♣ A rah hmin tha lo ho chu nuai sawm
	1. 1	- F 3	hmain an thliar hrang leh vek thin ani.
	1 1	Coffee Bower	4 A hun takah leh fimkhhur taka seng tur
	1 3	Coffee Berry borer	ani.
	1	borer	Hmaih neih nuaih loh tur ani.
)	LA I	♣ Sneg hmaih te lakkhawma paih vek tur
	(3 0 1	ani.
	7		4 Seng bang zawng zawng chu uluka taka
	/	7	paih fai vek tur ani.
			♣ A thlai vennan a rah tlai ho chu paih vek
	K		tur ani.
	/ MAMIT	7	♣ Hmun dam lutukah dah loh tur.
	§ .	AIZAWL I	♣ Boruak tha taka a hmuh theih nan leh a
	1	Communication 1	rawn chawr no theih nan thlai chu uluk
	1	5	tak a hlawi tur ani.
	S	5	Chuan hei hian kah tur ani. Quinalphos 25
	3/	1 1	EC @ 340 ml/200 lit emaw lamda
) 0		cyhalothrin 5 EC 120 – 160 ml / 200 lit.
	A S		In leh loa sawngbawln a a ro dan tur tawkah chuan: Arabica / robusta
		armauu.	
	1	SERCHH	robusta cherry 11.0 %.
		Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
		001100 11110	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-
	1	FARGETT	monsoon) ah kah chhunzawm tur ani.
CEREALS AND I			
Rabi Maize	A chin hun 🤍	m Em	→ Vaimim chinna tur atan lei kan let
		31	phut darh anga.
	1	V (☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
		7 ()	a pui dawn a ni.
	, A		♣ 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	♣ 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
		A A	♣ A chi tuh hma in lei leh FYM @5-10
		0 R (t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		VIV	3 Page

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	7		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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	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	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. WEINIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY		AIZAWL	CH	AMPAI (
	Monitoring		14	Sangha te hi chaw a hmuar kai lo
		1	1	chauh pek thin tur ani. Sangha chaw a
	(Sangha	3 6 6		lo hmuar anih chuan pek hma in ni sa
	enkawl)			a phoro phawt tur ani.
		- Y	4	Sangha chaw hi a hmuar lohna turin
	7)		_	hmun ro leh uap lutuk lo ah dahthat
		SERCH	OP.	tur ani a, hmuar atang a tur lo inseam
	1	V		thin, aflatoxin avang a sangha thi lak
				atangin sangha a him phah thin.
	1		4	Dil sah kang veka sangha man thin
	Ji		-	hian a kumleh a sangha khawinan a dil
	1	A Control of		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 (N.	chuan mithiam te rawn vat a, diltui
	ì	100	100	enfiah vat tur ani.
		1 50 4	4	A ranglam a chinai @50kg/ha leh
		1	18	tuisen @1.5mg/l diltui a hman hian
		Linumetra		sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
		SAIH	4)
				V-
			1	ý.
		en le	1	

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Mamit Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/English Date of issue: 02nd February, 2018

			2			
Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018	
Rainfall (mm)	0	0	0	0	0	
Max Temp (°C)	25	25	26	26	26	
Min Temp (°C)	5	6	7	7	7	
Cloud Coverage	Clear sky					
Max RH (%)	100	100	87	100	100	
Min RH (%)	25	25	30	30	27	
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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm 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):22-24°C

Maximum Tem. (°C):22-24°C Minimum Tem. (°C):10-11°C Maximum RH (%):76-82% Minimum RH (%):47-62% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 1-2 km/hr

Rainfall: 00.0 mm

NDVI for Mizoram

Weather forecast valid from 03rdFebruary, 2018 To 07thFebruary, 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 25-26°C and 5-7°C. Maximum relative humidity is expected in the range of 87-100% and minimum may from 25-30%. 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

North East Region 27-Jae 3416

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 MANDARIN AND ACID LIME	Harvesting 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.
BANANA	}	3	♣ First harvest can be done 5 to 6 years after planting.❖ Fruits are harvested when they attain
STAR FRUIT	MAMIT	AIZAVAL	full size, develop attractive colour from green to yellow with optimum sugar and acid blend.
PLUM AND PEACH	}		 Fruits should be harvested preferably with clipper, shears or secateurs. Oranges should not be harvested in wet weather or during rains. Green or fully ripe fruits can be stored
		SERCH	in evaporative cool chamber at 8-10°C & 90-95% relative humidity for a period of three weeks after post-harvest treatment with Bavistin (1000 ppm.). Diseased and senile branches should be removed.
	3	Fruit fly LUNGLEI	↓ In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
		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	OP		-
COFFEE	Fruiting stage	LAWNGTLAUS	 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.
		114	2 P a g e

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		1	Replanting of new seedling Medium to young seedling should be support by bamboo stake.
	57	1	♣ Replace dead plant with young seedlings.
	1	7	Fertilizer dose should be maintained.
		KOLASIB	Fruiting stage
	1	En 5	🛂 Foliar application of Mepiquat chloride
	(" 1	@ 1000 PPM concentration or 0.75%
	7		SSP @ 1.5 g per 200 lt of water 15 days
	/	3	interval. Spray lantana camera leaf paste
	- J	7	around 3 kg/16 lt water which will give
	MAMIT		effective control against drought
	\$	AIZAWL 1	condition.
	1	Constant 1	■ Due to high humidity, high
	1	1	temperature and less rainfall in hilly
	1	3 66	region of the district probability of rust will be high. So apply Hexaconazole @ 1
	1	1 3 3	ml/10 lt of water.
Rubber	Vegetative		♣ According to forecast and past weather
	stage	SERCHH	record, there is no probability of
		V~1	rainfall. So weekly irrigation is required
	1		for upcoming week or use straw mulch reduces soil water loss.
	1		Farmers can go for tapping upto last
			week of January.
		LUNGLEI	♣ Make fire line around the field to save
	3	- Lealing Amili	from fire.
		500	Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft) between 4 plants. Store dried leaves in
		1	the pit and after 4 months it can use as
			manure.
Strawberry	Vegetative		♣ Possibility of rain will be very less. So
	stage	20 1	provide water every alternate day.
		Toron was a series and	♣ Possibility to occurrence of Powdery mildew will be high so apply any
		LAWNGTLAN	sulpher based fungicide to reduce
		SAIHA	disease incidence.
			♣ Weeding should to do properly with
		1	proper fertilizer use.
		1 1 1	3 P a g e

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CEREALS AND P	ULSE CROPS			
Rabi Maize	Tassle		4	Irrigation should be provide 3 days
	formation			interval
	stage	1	4	Apply 2% urea solution for better
	1 1	E 1		growth.
		KOLASIB		Weeding should be carried out.
	- l	Thomas and	×*	Provide irrigation twice in a week or
)	LA N		grow any cover crop in surface of the soil.
	(1 1		Leaf and stem cutter insect will be
	3	- CO.	_	more so apply any contact poison for
	1			reducing pest population.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Greengram	stage	Zero tinage		provide water every alternate day.
and	stage	1	4	Collection and destruction of damage
blackgram	- 5	(AIZAWIL)	ui-	plant or plant part and spraying of any
bidongidin	1	5		systemic insecticide @ 2ml/lit should
	1			be done.
	1		-	Apply 2% urea solution to avoid stress
	1 0			condition.
Zero tillage	Flowering	Zero tillage	+	Possibility of rain will be very less. So
Soybean	stage	SERCHN	IF.	provide water every alternate day.
cultivation in	1	V~1	-	Collection and destruction of damage
Jhum	(plant or plant part and spraying of any systemic insecticide @ 2ml/lit should
	1			be done.
			4	Apply 2% urea solution to avoid stress
		LUNGLEL		condition.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Toria	stage	(%)		provide water every alternate day.
		17	4	Apply split dose of fertilizer for better
				growth.
		(5 20)	+	Collection and destruction of Blister
				beetles and spraying of Neem oil
		30		@3ml/lit should be done.
		The same of the sa	-	Apply split dose of fertilizer for better
VEGETABLE CRO)D	LIAWNSTI ALCO		growth.
Ginger and	Harvesting	VI SAIIIA	4	Turmeric and ginger is harvested when
turmeric	_		_	leaves start yellowing and ultimately
turmeric	stage	1 = 1		the stem dries down.
		0	W	

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			♣ The plants are-cut close to the ground.
			♣ The crop is irrigated lightly for easy
		5	digging.
	1. 1	8	Harvesting consists of digging of underground clumps of rhizomes
		()	with pick axe or digging fork.
	1	KOLASIB	Fingers are separated from mother
	(rhizomes.
)	Wy)	↓ Wash clumps of rhizomes with water
	5		and keep it for sundry.
	7	5	♣ Seed stock will be store from partially
	1		dry sample.
	3		Cut the rhizome to small pieces for
	J. MAMIT		proper drying.
Early cole	Vegetative	/ AIZAWL /	According to forecast and past weather record, there is no probability of
crop	stage		rainfall. So weekly twice irrigation is
	1	3	required for upcoming week or use
	1	1 85	straw mulch reduces soil water loss.
	1	V 3 A	♣ Intercultural operations should be done
	100		regularly to keep the crop free from
		SERCHN	weeds and aeration of the root system.
		1	Remaining quantity of nitrogen is
		100	applied 30-40 days after transplanting.
Onion	Vegetative	Poly house	Intercultural operations should be done regularly to keep the crop free
	stage		from weeds and aeration of the root
		LUNGLEI	system.
	7	PA1802-FEE	Remaining quantity of nitrogen is
		2000	applied 30-40 days after transplanting.
		7	Provide irrigation if water is require.
			Seed treatment with thiram 3g/kg seed or
		198	Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed
		() /	Drenching 1% Bordeaux mixture or 2 g
		(-3)	captan or 3 copper oxychloride/ lt of water
		1.0000000000000000000000000000000000000	at 10-15 DAS are effective.
French bean	Vegetative	LAWNGTLAN	Possibility of rain will be less coming
	stage	SAIHA	five days. So alternate irrigation should be done 2 days interval.
			Intercultural operations should be done
		12 1	regularly to keep the crop free from
		THE P	5 Page

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	Financia (Constitution)	1	weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after sowing.
Capsicum	Transplant 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.
Brinjal	Fruiting to flowering stage		 Provide irrigation if water is require. According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is
	MAMIT	AIZAWL	required for upcoming week or use straw mulch reduces soil water loss. Interculture operation should be done near to the base of the plant. Apply split dose of nitrogenous fortilizer to the plant.
Chilli	Vegetative to flowering stage	SERCHH	fertilizer to the plant. 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. Interculture operation should be done near to the base of the plant. Apply split dose of nitrogenous fertilizer to the plant. Staking should be done.
Tomato	Transplant stage	LAWNGTLANSAIHA	 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. Interculture operation should be done near to the base of the plant. Fertilizer application in split dose of recommended dose. Staking should be done for better fruit growth.
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g

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Potato	Vegetative stage	KOLASIB	 (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 captan or 3 copper oxychloride/ lt of wat at 10-15 DAS are effective. Earthing up should be done near the plant for better growth of tube and avoid greening of tuber. According to forecast and past weath record, there is no probability rainfall. So weekly twice irrigation required for upcoming week or us straw mulch reduces soil water loss. Apply split dose of nitrogenous
ANIMAI IIIGDD	MAMIT		fertilizer.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	 Animals must keep in dry place kept in alleviated area and dry beddir (straw) to be provided to your animals. 1st injection at 6 months of age ar 2nd injection at 12 months of age followed by annual vaccination undo vet supervision against FMD. Reduce concentrate diet up to 5%. Provide adequate potable water. In present weather condition vaccinate against swine fever (Vaccina available in State Veterinary Departs) Culling of positive pigs or piglets.
Cattle	All age group	LAWNGTLAL SAIHA	 In present weather conditions, specicare should be taken against attack maggots in the wounds of animal Application of turpentine oil in the wounds followed by application antibiotics for five days is advised. ♣ Provide UMB/Molases if possible in the feed ♣ Provide 10-30 ml of vitamin B-Comple

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		KOLASIB	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 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.
FISHERY			Remove wet litter.
	Monitoring of fish in pond	LAWNGTLAL	 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

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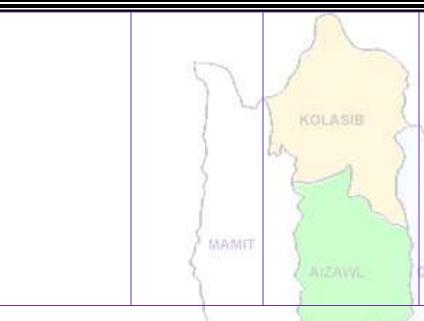


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mortality of fish.

- 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.
- ♣ Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed.
- ↓ Immediate measure of application of lime and potassium permanganate @50kg/ha and 1.5mg/l respectively in the pond helps in avoiding fish mortality.



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SAIHA

LAWNGTLAL

CHAMPAI

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District: Mamit Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/Mizo

	1. 1	P	(
Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	7	7	7
Cloud Coverage	Clear sky				
Max RH (%)	100	100	87	100	100
Min RH (%)	25	25	30	30	27
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- December 1-31, 2017 (Percent of deviation from normal in parenthesis)

Aizawl- 18.1mm

Champhai- 12.00mm

Saiha- 13.9 mm

Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(08.7mm)

(10.0mm) Mamit-24.3mm (14.4mm) Serchhip-17.7mm

Lawngtlai-06.4mm (07.1mm)

Lunglei-07.4mm

(09.6mm)

(12.9mm)

Weather summary of the past three days

Maximum Tem. (°C):22-24°C Minimum Tem. (°C):10-11°C Maximum RH (%):76-82% Minimum RH (%):47-62% Wind Direction: Easterly Cloud cover: Clear sky

Rainfall: 00.0 mm

Wind speed: 1-2 km/hr

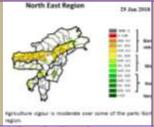
03rd February – 07th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

Date of issue: 02nd February, 2018

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 25-26°C a ni ang a. A vawh lai ber in 5-7°C ni tura beisei a ni. RH san lai berin 87-100% leh a hniam lai berin 25-30% 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		- 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 keh tur lakah t a veng thei ani.
PEACH	\)	Ken tur iakan ta veng uleram.
	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.
	(L. C	♣ 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.
	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.
	1)	tak a mawi tur am. 4 Chuan hei hian kah tur ani. Quinalphos 25
	1	1 6 /	EC @ 340 ml/200 lit emaw lamda
	- 1		cyhalothrin 5 EC 120 – 160 ml / 200 lit.
) 6		☐ In leh loa sawngbawln a a ro dan tur ☐ In leh loa saw
	1		tawkah chuan: Arabica / robusta
		SERCHN	
		~	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-
CEREALS AND I	DILL CE CDODC	THE PARTY OF THE P	monsoon) ah kah chhunzawm tur ani.
Rabi Maize	A chin hun	57	✓ Vaimim chinna tur atan lei kan let
Rabi Maize	A CHIII Hull	77	
			phut darh anga. Hei hian a rawn to chhuah na tur atan
	()		
			a pui dawn a ni. 4 A chi chu kan lei leh saah chuan kan
) -3 7	
		1	dah ang.
		LAWNGTLAN	4 A chi chu Thiram @4 g/kg seed hian ak
		The state of the s	sawngbawl hmasa anga.
		(SAIN	4 20-25 kg/ha vel a chi thlak hi a tawk
			vel viau ani.
			4 A chi tuh hma in lei leh FYM @5-10
		6	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
		1 (4	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 tlanglar ber ani. Thlai hna lam chi leh zikhlum la chi reng reng enkawl nan Mancoz @ 2gm ah tui leter 1 pawlha k tur ani. Onion and capsicum Poly house	lam cozeb kah lanah i bula i pek nim a ml hi
Chi reng reng enkawl nan Mancoz @ 2gm ah tui leter 1 pawlha k tur ani. Onion and capsicum Poly house A than a that theih nan nikhat dan tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bu hnim ring vawm khawm hi tui p zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim to loh nan Pendimethalin @ 3.5ml tui liter 1 zelah pawlh a kah hi a t hle ani. Phytopthora A chi ven that nan thiram 3g/kg se	cozeb kah lanah i bula i pek nim a ml hi
@ 2gm ah tui leter 1 pawlha k tur ani. Onion and capsicum Poly house A than a that theih nan nikhat dan tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bu hnim ring vawm khawm hi tui p zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim to loh nan Pendimethalin @ 3.5ml tui liter 1 zelah pawlh a kah hi a thle ani. Phytopthora Phytopthora	kah lanah i bula i pek nim a ml hi
Onion and capsicum Nursery stage Poly house A than a that theih nan nikhat dan tui pek thin tur ani. Thlai bul vawn hnawn nana thlai but hnim ring vawm khawm hi tui pex zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim to loh nan Pendimethalin @ 3.5ml tui liter 1 zelah pawlh a kah hi a tuhle ani. Phytopthora A than a that theih nan nikhat dan tui pek thin tur ani. Thlai bul vawn hnawn nana thlai but hnim ring vawm khawm hi tui pex thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan nikhat dan tui pek thin tur ani. A than a that theih nan thia thin tur ani. A than a that theih nan thia thin tur ani. A thia thin tur ani. A thia thia thia thia thia tur ani. A thia thia thia thia tur ani. A thia thia tur ani. A thia thia thia thia thia thia thia thia	i bula i pek nim a ml hi
tui pek thin tur ani. Thlai bul vawn hnawn nana thlai bu hnim ring vawm khawm hi tui p zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim to loh nan Pendimethalin @ 3.5ml tui liter 1 zelah pawlh a kah hi a thle ani. Phytopthora A chi ven that nan thiram 3g/kg se	i bula i pek nim a ml hi
Thlai bul vawn hnawn nana thlai bul hnim ring vawm khawm hi tui pawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim to loh nan Pendimethalin @ 3.5ml tui liter 1 zelah pawlh a kah hi a tahle ani. Phytopthora A chi ven that nan thiram 3g/kg selah pawlh a kah hi a tahle ani.	i pek nim a ml hi
hnim ring vawm khawm hi tui p zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnim to loh nan Pendimethalin @ 3.5ml tui liter 1 zelah pawlh a kah hi a t hle ani. Phytopthora A chi ven that nan thiram 3g/kg se	i pek nim a ml hi
zawhah dah tur ani. Thlai chhina hmun (nursery) hi hnin to loh nan Pendimethalin @ 3.5ml tui liter 1 zelah pawlh a kah hi a thle ani. Phytopthora A chi ven that nan thiram 3g/kg sa	nim a ml hi
to loh nan Pendimethalin @ 3.5ml tui liter 1 zelah pawlh a kah hi a the hle ani. Phytopthora	ml hi
tui liter 1 zelah pawlh a kah hi a the ani. Phytopthora A chi ven that nan thiram 3g/kg se	
tui liter 1 zelah pawlh a kah hi a the hle ani. Phytopthora	a tha
Phytopthora + A chi ven that nan thiram 3g/kg se	
70 1 1 1 1 1 1 1 1 1	
niight chiaw frichderina viriae ig metalaxyr	
(Apron)/ kg seed hi a tha hle ani	21y1 15
♣ Hneh taka 1% Bordeaux chawhpav	-
emaw 2 g captan emaw 3 cop	
oxychloride a tui liter 1 hi 10-15 DAS pek hi a tha hle ani.	JAS a
French bean Sowing stage Tui pek a hnihnah hringa khuh tur a	ar ani
a. than a that theih nan tui pek h	
in lei rin pan hmasak tur ani.	
A than duna theih nan leh hnim to l	
na turin a kung bulah lei vur chhoh	oh zel
tur ani. Carrot and Sowing stage ♣ A than a that theih nan nikhat dan	lanah
Carrot and radish Sowing stage tui pek thin tur ani.	ianan
Tui pek hnuah thlai bul vawn hna	nawn
na tur siam tur ani.	
↓ Zikhlum lam chi ah chuan sik l	k leh
sa vangin a hnah ah thil dum	
rawn awm thina, hei hi nat	ıatna
tlanglawn ber ani.	
LAWNGTLAV ♣ Thlai hna lam chi leh zikhlum la	
Mancozeb @ 2gm ah tui leter	er 1
pawlha kah tur ani.	

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ANIMAL HUSBENDARY							
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	O O WCCI		1-6 ah F1 vaccine pek tur ani a, chuan
	mousuros	Wy)		a puitlingh chuan R ₂ B vaccine pek tur
	- 5			ani.
	1	5	4	B complex with antibodies
	1	4th weeks	4	Coccidiosis- Amprolium or
	2			coccidiostat
	MAMIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY	1	AIZAVA	CH	AMPAI (
	Monitoring		14	Sangha te hi chaw a hmuar kai lo
	(Sangha	1	_	chauh pek thin tur ani. Sangha chaw a
	,	3 6 6		lo hmuar anih chuan pek hma in ni sa
	enkawl)			a phoro phawt tur ani.
			4	Sangha chaw hi a hmuar lohna turin
	11			hmun ro leh uap lutuk lo ah dahthat
		SERCH	IIP.	tur ani a, hmuar atang a tur lo inseam
	(V		thin, aflatoxin avang a sangha thi lak
	-			atangin sangha a him phah thin.
	- 1		4	Dil sah kang veka sangha man thin
	- 1		-	hian a kumleh a sangha khawinan a dil
		LUNGLEI		buatsaih a ti awlsam a, dil mawng
	3		T	phoro, chinai phul, leitha hman leh tul
		Conc.		dang in dil buatsaih tur ani.
		17 /	+	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		tuisen @1.5mg/l diltui a hman hian
				sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
		SAIH	1	<u> </u>
				<u></u>
			1	2
		N 1	5	

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ICAR RESEARCH COMPLEX FOR NEH REGION

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



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SAIHA

LAWNGTLAL

CHAMPAI

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



District: Saiha Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/English Date of issue: 02nd February, 2018

		1			
Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	7	7	7
Cloud Coverage	Clear sky				
Max RH (%)	90	97	98	98	91
Min RH (%)	19	22	27	27	24
Wind Speed (KmpH)	4	2	3	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 Champhai- 12.00mm

Saiha- 13.9 mm Kolasib- 21.4mm

(11.6mm)

(12.1mm) (10.0mm)

(14.4mm)

Lawngtlai-06.4mm (07.1mm)

Lunglei-07.4mm (08.7mm)

Mamit-24.3mm (09.6mm)

Serchhip-17.7mm (12.9mm)

Weather summary of the past three days

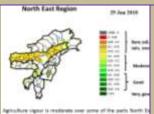
Weather forecast valid from 03rdFebruary, 2018 To 07thFebruary, 2018.

Maximum Tem. (°C):18-20°C Minimum Tem. (°C):9-10°C Maximum RH (%):71-85% Minimum RH (%):48-59% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 1-2 km/hr There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 25-26°C and 5-7°C. Maximum relative humidity is expected in the range of 90-98% and minimum may from 19-27%. Wind direction would be easterly with the wind speed of 2-4 km per hour. Clear sky will prevail during the next five days.

Rainfall: 00.0 mm

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		Diseases	
FRUITS CROPS KHASI	Harvesting	- 1	♣ According to forecast and past weather
MANDARIN AND ACID LIME	stage	KOLASIB	record, there is no probability of rainfall. So weekly irrigation is required for upcoming week or use straw mulch reduces soil water loss.
BANANA	1	3	♣ First harvest can be done 5 to 6 years after planting.❖ Fruits are harvested when they attain
STAR FRUIT	& MAMIT	AIZAWL	full size, develop attractive colour from green to yellow with optimum sugar and acid blend.
PLUM AND PEACH		SERCHI	 Fruits should be harvested preferably with clipper, shears or secateurs. Oranges should not be harvested in wet weather or during rains. Green or fully ripe fruits can be stored in evaporative cool chamber at 8-10°C & 90-95% relative humidity for a period of three weeks after post-harvest treatment with Bavistin (1000 ppm.). Diseased and senile branches should be removed.
	3	Fruit fly	In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
		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 COFFEE		ALAWNET ALSO	♣ According to forecast and past weather
COFFEE	Fruiting stage	SAIHA	_
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			Replanting of new seedling
			♣ Medium to young seedling should be
			support by bamboo stake.
			♣ Replace dead plant with young
	7 7	1	seedlings.
	1	7	♣ Fertilizer dose should be maintained.
		KOLASIB	Fruiting stage
	((Foliar application of Mepiquat chloride
)	500	@ 1000 PPM concentration or 0.75%
	(1 1	SSP @ 1.5 g per 200 lt of water 15 days
	3		interval.
	f.		Spray lantana camera leaf paste
	_s J		around 3 kg/16 lt water which will give
	MAMIT		effective control against drought
	7. 11.55	1	condition.
	3.	A ATZAVVIL	Due to high humidity, high
		2 1	temperature and less rainfall in hilly
	1	3	region of the district probability of rust
	16	3 64 (will be high. So apply Hexaconazole @ 1
			ml/10 lt of water.
Rubber	Vegetative		♣ According to forecast and past weather
Kubbei			record, there is no probability of
	stage	SERCHN	rainfall. So weekly irrigation is required
		V	for upcoming week or use straw mulch
			reduces soil water loss.
	1		Farmers can go for tapping upto last
			week of January.
		LUNGLEI	♣ Make fire line around the field to save
	7	CONGERI	from fire.
	17		♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	, t	- E~	between 4 plants. Store dried leaves in
		15	the pit and after 4 months it can use as
	(1)		manure.
Strawberry	Vegetative		♣ Possibility of rain will be very less. So
	stage) 55	provide water every alternate day.
			♣ Possibility to occurrence of Powdery
		LAWNGTLAN	mildew will be high so apply any
		SAIHA	sulpher based fungicide to reduce
		SAINA	disease incidence.
			■ Weeding should to do properly with
		Va V	proper fertilizer use.
		6 1	
			3 P a g e

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CEREALS AND P	ULSE CROPS			
Rabi Maize	Tassle			ould be provide 3 days
	formation		interval	
	stage	1		area solution for better
	1 1	E 1	growth.	
		KOLASIB		uld be carried out.
	1	Thomason -	_	ation twice in a week or
)	GA.		ver crop in surface of the
	(1 1	soil.	em cutter insect will be
	7			ly any contact poison for
	J.	3	reducing pest	2 2
Zero tillage	Flowering	Zero tillage		rain will be very less. So
Greengram	stage	Zeio tiliage	•	every alternate day.
and	stage	A CONTRACTOR OF THE PARTY OF TH		d destruction of damage
blackgram	16	(AIZAWL)		t part and spraying of any
Diackgrain	\	1		ecticide @ 2ml/lit should
	1	S	be done.	,
		1 5	Apply 2% ure	ea solution to avoid stress
) 6		condition.	
Zero tillage	Flowering	Zero tillage	•	rain will be very less. So
Soybean	stage	SERCHN		every alternate day.
cultivation in	1			d destruction of damage
Jhum	1			t part and spraying of any
			be done.	ecticide @ 2ml/lit should
	1			ea solution to avoid stress
		LUNGLE)	condition.	ea solution to avoid stress
Zero tillage	Flowering	Zero tillage		rain will be very less. So
Toria	stage	Zero timage	•	every alternate day.
10114	stage	n in	-	ose of fertilizer for better
			growth.	
		Chi Sec.	Collection ar	nd destruction of Blister
				spraying of Neem oil
		-5	@3ml/lit shou	
				ose of fertilizer for better
WECEWARI E CO.	ND.	LIAWNIGTI ALCO	growth.	
VEGETABLE CRO		III. Ja Sanina	Tyrum a	air ann in 15 anns at at an 15 anns
Ginger and	Harvesting	1		ginger is harvested when
turmeric	stage	- I	the stem dries	yellowing and ultimately
		6	the stem unes	s down.

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	MAMIT	KOLASIB	 The plants are-cut close to the ground. The crop is irrigated lightly for easy digging. Harvesting consists of digging of underground clumps of rhizomes with pick axe or digging fork. Fingers are separated from mother rhizomes. Wash clumps of rhizomes with water and keep it for sundry. Seed stock will be store from partially dry sample. Cut the rhizome to small pieces for proper drying.
Early cole crop	Vegetative stage	AIZAWL	 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. Intercultural operations should be done regularly to keep the crop free from
Onion	Vegetati <mark>ve</mark> 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.
		Par 1	 Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective.
French bean	Vegetative stage	LAWNGTLAN	 Possibility of rain will be less coming five days. So alternate irrigation should be done 2 days interval. Intercultural operations should be done regularly to keep the crop free from
		1 4	5 P a g e

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		1	weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after sowing.
Capsicum	Transplant stage	Poly house	♣ Intercultural operations should be done regularly to keep the crop free from weeds and aeration of the root system.
	}	KOLASIB	 Remaining quantity of nitrogen is applied 30-40 days after transplanting. Provide irrigation if water is require.
Brinjal	Fruiting to flowering stage	375	According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is required for upcoming week or use
	MAIMIT	AIZAWL	straw mulch reduces soil water loss. Interculture operation should be done near to the base of the plant. Apply split dose of nitrogenous fertilizer to the plant.
Chilli	Vegetative to flowering stage	SERCHH	According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is
Tomato	Transplant stage	LAWNGTLAUSAIHA	 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. Interculture operation should be done near to the base of the plant. Fertilizer application in split dose of recommended dose.
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g

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Potato	Vegetative stage	KOLASIB	+ + +	(Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber. 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. Apply split dose of nitrogenous
ANIMAL HUSBEN	IDARY	1		fertilizer.
Pig	All stages	Porcine Reproductive Respiratory Syndrome (PRRS).	# A ###	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.
Cattle	All age group	LAWNGTLAUSAIHA	r F V a F f	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

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		KOLASIB	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 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.
FISHERY			Remove wet litter.
	Monitoring of fish in pond	LAWNGTLAUSAIHA	 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

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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 applying lime, bottom, manure, KOLASIB fertilizers etc. **↓** Fish needs to be monitored regularly to observe any sign of diseases and if disease is observed, consult expert immediately and water sample needs to be analyzed. ↓ Immediate measure of application of lime and potassium permanganate MAMIT @50kg/ha and 1.5mg/l respectively in the pond helps in avoiding fish mortality.

LUNGLE

LAWNGTLAL

SAIHA

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SAIHA

LAWNGTLAL

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



District: Saiha Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/Mizo

Date of issue: 02nd February, 2018

Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	7	7	7
Cloud Coverage	Clear sky				
Max RH (%)	90	97	98	98	91
Min RH (%)	19	22	27	27	24
Wind Speed (KmpH)	4	2	3	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

Champhai- 12.00mm

Saiha- 13.9 mm

Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(08.7mm)

(10.0mm)

(14.4mm)

Lawngtlai-06.4mm (07.1mm)

Lunglei-07.4mm

Mamit-24.3mm (09.6mm)

Serchhip-17.7mm (12.9mm)

Weather summary of the past three days

03rd February – 07th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

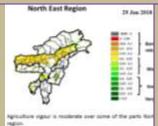
Maximum Tem. (°C):18-20°C
Minimum Tem. (°C):9-10°C
Maximum RH (%):71-85%
Minimum RH (%):48-59%
Wind Direction: Easterly
Cloud cover: Clear sky
Wind speed: 1-2 km/hr

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 25-26°C a ni ang a. A vawh lai ber in 5-7°C ni tura beisei a ni. RH san lai berin of 90-98% leh a hniam lai berin 19-27% 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.

Rainfall: 00.0 mm

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		- C	♣ Thlasik laia thlai bul khoro lutuk tur
KHASI MANDARIN AND ACID LIME	A kui atanga a seng hun	KOLASIB	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
		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
			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
	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-
CERRALO AND I	NII CE CEORG	THE CONTRACTOR OF THE CONTRACT	monsoon) ah kah chhunzawm tur ani.
CEREALS AND I			Weigning things then the let less let
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
	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
		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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Contract	5		 K₂O/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
Soybean, pea, lentil toria,	All stage	Zero tillage	tui pek thin tur ani.
breen gram	1	w)	♣ 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	2		khuh tur ani.
rice fellow Potato	Sowing stage		♣ Muangchang loving alu chin na tur
Totato	bowing stage	/ AIZAWL /	chu buatsaih vat tur ani.
	1	1	Hei hian a than hun laiin natna hrikin
	1	(lakah a veng dawn ani. Lei leh hmain a hmun hma chu fai
	1		taka thlawh hmasak tur ani.
	3 6		♣ A chi thlak hma in a chi chu en fiah
		SEROUN.	hmasak tur ani.
		SERCHH	A than a that theih nan nikhat danah
VEGETABLE CR	OP		tui pek thin tur ani.
Tomato	Bacterial		♣ Tomato bikah chuan sik leh sa hi
	Blight disease		natna an kaina tlang lawn ber ani .
		LUNGLEI	Hmun hnawng leh ni hmu lo lutuk hmunah chuan natna an kai hma bik
	3		ani.
	1	~3	Tomato hi a uai a, a thih mai loh nan
		11	Ridomil emaw Indofil emaw Mancozeb
		(4 20)	@ 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.
		(Zawhan dan tur am.
		1 4	sa vangin a hnah ah thil dum rawn
	I .	N D	0 11 1 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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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 ani.
			4	Chaw a hmuar/thing pek loh tur ani a,
	2.1	1	_	an chaw eitur thlak sak thut loh tur
	1	V V		ani.
	Preventive	0-3 rd week		Ranikhet Disease- an pian atanga ni
	measures	1		1-6 ah F1 vaccine pek tur ani a, chuan
	(3 4 /		a puitlingh chuan R ₂ B vaccine pek tur
	7		١.,	ani.
	1	Ath 1		B complex with antibodies
	J	4 th weeks	*	Coccidiosis- Amprolium or
	7 MAMIE	4 Fth TT - 1		coccidiostat
	7. 0000000	4-5 th Weeks		Calcium tonic fortified with B ₁₂
FISHERY	5	(AIZAWIL.	GH	AMPAI }
	Monitoring	5	+	Sangha te hi chaw a hmuar kai lo
	(Sangha	8 8 7		chauh pek thin tur ani. Sangha chaw a
	enkawl)			lo hmuar anih chuan pek hma in ni sa
			4	a phoro phawt tur ani. Sangha chaw hi a hmuar lohna turin
	1)		_	hmun ro leh uap lutuk lo ah dahthat
		SERCHN	IP.	tur ani a, hmuar atang a tur lo inseam
	-	V Long		thin, aflatoxin avang a sangha thi lak
	-			atangin sangha a him phah thin.
	4		+	Dil sah kang veka sangha man thin
				hian a kumleh a sangha khawinan a dil
		LUNGLEI	00	buatsaih a ti awlsam a, dil mawng
	3		J	phoro, chinai phul, leitha hman leh tul dang in dil buatsaih tur ani.
		500	1	Sangha te natna lak atangin an him em
		11	1	tih enfiah fo a tha a, natna hmuh anih
	1		1	chuan mithiam te rawn vat a, diltui
		7 (enfiah vat tur ani.
	N .	1 55 4	4	A ranglam a chinai @50kg/ha leh
		1	186	tuisen @1.5mg/l diltui a hman hian
		LAWNGTLAN		sangha natna avang a thi tur lak
		SAIHA		atangin a veng thei.
				لي-
				7
		126		

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SAIHA

LAWNGTLAL

CHAMPAI

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District: Serchhip Period: 03 February - 07 February, 2018

Bulletin No: - 767/2018/ Bulletin/English Date of issue: 02nd February, 2018

	1. 1.	F.	(
Parameters	03.02.2018	04.02.2018	05.02.2018	06.02.2018	07.02.2018
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	25	25	26	26	26
Min Temp (°C)	5	6	6	7	7
Cloud Coverage	Clear sky	Clear sky	Mainly clear	Clear sky	Clear sky
Max RH (%)	100	100	100	100	100
Min RH (%)	21	24	29	27	23
Wind Speed (KmpH)	2	3	2	2	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 Champhai- 12.00mm

Saiha- 13.9 mm Kolasib- 21.4mm

(11.6mm)

Lunglei-07.4mm

(12.1mm)

(10.0mm) Mamit-24.3mm (14.4mm) Serchhip-17.7mm

Lawngtlai-06.4mm (07.1mm)

Lunglei-07.4mm (08.7mm)

(09.6mm)

(12.9mm)

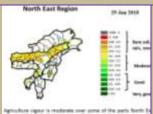
Weather summary of the past three days Maximum Tem. (°C):20-22°C Weather forecast valid from 03rdFebruary, 2018 To 07thFebruary, 2018.

Minimum Tem. (°C):20-22°C Minimum Tem. (°C):8-9°C Maximum RH (%):73-85% Minimum RH (%):38-54% Wind Direction: Easterly Cloud cover: Clear sky Wind speed: 1-2 km/hr There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 25-26°C and 5-7°C. Maximum relative humidity is expected in the range of 100% and minimum may from 21-29%. Wind direction would be easterly with the wind speed of 2-3 km per hour. Clear sky will prevail during the next five days.

Rainfall: 00.0 mm

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		Diseases	
FRUITS CROPS KHASI	Harvesting	- 1	♣ According to forecast and past weather
MANDARIN AND ACID LIME	stage	KOLASIB	record, there is no probability of rainfall. So weekly irrigation is required for upcoming week or use straw mulch reduces soil water loss.
BANANA	1	3	♣ First harvest can be done 5 to 6 years after planting.❖ Fruits are harvested when they attain
STAR FRUIT	MAMIT	AIZAWL	full size, develop attractive colour from green to yellow with optimum sugar and acid blend.
PLUM AND PEACH		SERCH	 Fruits should be harvested preferably with clipper, shears or secateurs. Oranges should not be harvested in wet weather or during rains. Green or fully ripe fruits can be stored in evaporative cool chamber at 8-10°C & 90-95% relative humidity for a period of three weeks after post-harvest treatment with Bavistin (1000 ppm.). Diseased and senile branches should be removed.
	3	Fruit fly	In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jeggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
		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 COFFEE		ALAMAICH ALAS	♣ According to forecast and past weather
COFFEE	Fruiting stage	SAIHA	_
		1/1/	2 P a g e

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			Replanting of new seedling
			♣ Medium to young seedling should be
			support by bamboo stake.
			♣ Replace dead plant with young
	7 1	1	seedlings.
	1	7	♣ Fertilizer dose should be maintained.
		KOLASIB	Fruiting stage
	((Foliar application of Mepiquat chloride
)	500	@ 1000 PPM concentration or 0.75%
	(1 1	SSP @ 1.5 g per 200 lt of water 15 days
	3		interval.
	1		Spray lantana camera leaf paste
	, J		around 3 kg/16 lt water which will give
	MAMIT		effective control against drought
	7. 11.55000	1	condition.
	3	CATZAVVI. /	Due to high humidity, high
	1	2 1	temperature and less rainfall in hilly
	1	3	region of the district probability of rust
	1	3 64 (will be high. So apply Hexaconazole @ 1
			ml/10 lt of water.
Rubber	Vegetative		♣ According to forecast and past weather
Rubbei			record, there is no probability of
	stage	SERCHN	rainfall. So weekly irrigation is required
		V	for upcoming week or use straw mulch
			reduces soil water loss.
	1		Farmers can go for tapping upto last
			week of January.
		LUNGLEI	♣ Make fire line around the field to save
)	CONGERI	from fire.
			♣ Dig a pit (size 1.5 ft X 1.0 ft X 1.0 ft)
	7	m 8~~	between 4 plants. Store dried leaves in
		15	the pit and after 4 months it can use as
	8		manure.
Strawberry	Vegetative		♣ Possibility of rain will be very less. So
	stage) 55 7	provide water every alternate day.
		1	♣ Possibility to occurrence of Powdery
		LAWNGTLAN	mildew will be high so apply any
		The state of the s	sulpher based fungicide to reduce
		# SAIHA	disease incidence.
			■ Weeding should to do properly with
		Va V	proper fertilizer use.
		6 1 7	
			3 P a g e

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CEREALS AND F	PULSE CROPS			
Rabi Maize	Tassle formation	2	+	Irrigation should be provide 3 days interval
	stage		4	Apply 2% urea solution for better
	stage	2		growth.
	1	V	4	Weeding should be carried out.
		KOLASIB	4	Provide irrigation twice in a week or
	1	En S		grow any cover crop in surface of the
	(77 4 7		soil.
	7		+	Leaf and stem cutter insect will be
	1	2 5		more so apply any contact poison for
				reducing pest population.
Zero tillage	Flowering	Zero tillage	-	Possibility of rain will be very less. So
Greengram	stage	1		provide water every alternate day. Collection and destruction of damage
and	3	(AIZAWL		plant or plant part and spraying of any
blackgram	1	1		systemic insecticide @ 2ml/lit should
	(()		be done.
	1	2 1	4	Apply 2% urea solution to avoid stress
) 6			condition.
Zero tillage	Flowering	Zero tillage	+	Possibility of rain will be very less. So
Soybean	stage	SERCHN	i.	provide water every alternate day.
cultivation in		V~	+	Collection and destruction of damage
Jhum	(plant or plant part and spraying of any
				systemic insecticide @ 2ml/lit should
	J			be done. Apply 2% urea solution to avoid stress
	1	LUNGLE)	_	condition.
Zero tillage	Flowering	Zero tillage	4	Possibility of rain will be very less. So
Toria	stage	zoro tringo		provide water every alternate day.
10114	buge	m 200	4	Apply split dose of fertilizer for better
				growth.
		(by sec.)	4	Collection and destruction of Blister
				beetles and spraying of Neem oil
		-2		@3ml/lit should be done.
			+	Apply split dose of fertilizer for better
VEGETABLE CRO	מר	LIAMMETT ALSO		growth.
Ginger and		/ SAITA	4	Turmeric and ginger is harvested when
turmeric	Harvesting		_	leaves start yellowing and ultimately
turmeric	stage		-	the stem dries down.
		0	VU.	

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According to forecast and past weather record, there is no probability or rainfall. So weekly twice irrigation is required for upcoming week or us straw mulch reduces soil water loss. Intercultural operations should be don 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. 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. Seed treatment with thiram 3g/kg seed of Trichoderma viride 4g+ metalaxyl 4 (Apron)/ kg seed. Drenching 1% Bordeaux mixture or 2 captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Possibility of rain will be less coming five days. So alternate irrigation should be done 2 days interval.		MAIMIT	KOLASIB	 The plants are-cut close to the ground. The crop is irrigated lightly for easy digging. Harvesting consists of digging of underground clumps of rhizomes with pick axe or digging fork. Fingers are separated from mother rhizomes. Wash clumps of rhizomes with water and keep it for sundry. Seed stock will be store from partially dry sample. Cut the rhizome to small pieces for proper drying.
done regularly to keep the crop fre 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. Seed treatment with thiram 3g/kg seed of Trichoderma viride 4g+ metalaxyl 4 (Apron)/ kg seed Apronching 1% Bordeaux mixture or 2 captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. French bean Vegetative stage Possibility of rain will be less coming five days. So alternate irrigation should be done 2 days interval.	_	Vegetative		 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. Intercultural operations should be done regularly to keep the crop free from
# Seed treatment with thiram 3g/kg seed of Trichoderma viride 4g+ metalaxyl 4 (Apron)/ kg seed # Drenching 1% Bordeaux mixture or 2 captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. # Possibility of rain will be less coming five days. So alternate irrigation should be done 2 days interval.	Onion			 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.
stage five days. So alternate irrigation should be done 2 days interval.			Par	 Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g (Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water
regularly to keep the crop free from 5 Page	French bean	_	LAWNGTLAN	 Possibility of rain will be less coming five days. So alternate irrigation should be done 2 days interval. Intercultural operations should be done regularly to keep the crop free from

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	Farmer 111	1	weeds and aeration of the root system. Remaining quantity of nitrogen is applied 30-40 days after sowing.
Capsicum	Transplant 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.
Brinjal	Fruiting to flowering stage	AIZAWL	 ♣ Provide irrigation if water is require. ♣ 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. ♣ Interculture operation should be done near to the base of the plant. ♣ Apply split dose of nitrogenous fertilizer to the plant.
Chilli	Vegetative to flowering stage	SERCHH	According to forecast and past weather record, there is no probability of rainfall. So weekly twice irrigation is
Tomato	Transplant stage	LAWNGTLANSAIHA	 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. Interculture operation should be done near to the base of the plant. Fertilizer application in split dose of recommended dose. Staking should be done for better fruit growth.
		Damping off	Seed treatment with thiram 3g/kg seed or Trichoderma viride 4g+ metalaxyl 4g

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Potato ANIMAL HUSBER	Vegetative stage	KOLASIB	+ + +	(Apron)/ kg seed Drenching 1% Bordeaux mixture or 2 g captan or 3 copper oxychloride/ lt of water at 10-15 DAS are effective. Earthing up should be done near to the plant for better growth of tubers and avoid greening of tuber. 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. Apply split dose of nitrogenous fertilizer.
Pig	All stages	SERCHH	# + + + #	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)
Cattle	All age group	Porcine Reproductive Respiratory Syndrome (PRRS).	1	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

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		KOLASIB	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 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.
FISHERY			Remove wet litter.
	Monitoring of fish in pond	LAWNGTLAUSAIHA	 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

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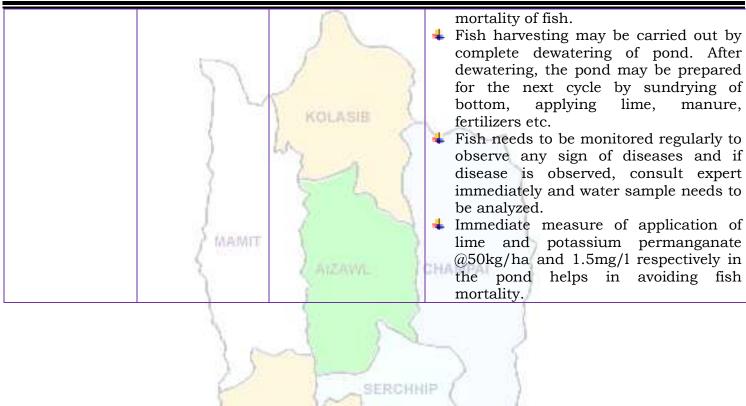


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LUNGLE

LAWNGTLA

SAIHA

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SAIHA

LAWNGTLAL

CHAMPAI

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Parameters

Max RH (%)

Min RH (%)

Rainfall (mm)

Max Temp (°C)

Min Temp (°C)

Cloud Coverage

*Wind Direction

Wind Speed (KmpH)

GRAMIN KRISHI MAUSAM SEWA

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District: Serchhip Period: 03 February - 07 February, 2018

04.02.2018

0

25

6

Clear sky

100

24

3

Bulletin No: - 767/2018/ Bulletin/Mizo

03.02.2018

0

25

5

Clear sky

100

21

2

05.02.2018 06.02.2018 07.02.2018 0 0 0 26 26 26 7 6 Mainly clear Clear sky Clear sky 100 100 100

27

2

Date of issue: 02nd February, 2018

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

Champhai- 12.00mm

Saiha- 13.9 mm

29

2

Kolasib- 21.4mm

(11.6mm)

(12.1mm)

(08.7mm)

(10.0mm)

(14.4mm)

23

4

E

Lawngtlai-06.4mm (07.1mm)

Lunglei-07.4mm

Mamit-24.3mm (09.6mm)

Serchhip-17.7mm (12.9mm)

Weather summary of the past three days

03rd February – 07th February, 2018 chhunga sik leh sa dinhmun tur tlangpui

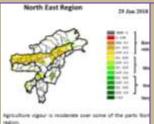
Maximum Tem. (°C):20-22°C
Minimum Tem. (°C):8-9°C
Maximum RH (%):73-85%
Minimum RH (%):38-54%
Wind Direction: Easterly
Cloud cover: Clear sky
Wind speed: 1-2 km/hr

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 25-26°C a ni ang a. A vawh lai ber in 5-7°C ni tura beisei a ni. RH san lai berin 100% leh a hniam lai berin 21-29% ni tur a rin niin. Thli hi darkar khatah 2-3 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Rainfall: 00.0 mm

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		E	# 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 keh tur lakah t a veng thei ani.
PEACH	\	5	non tar main t a vong mor ann.
	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
	2.3	1	hmain an thliar hrang leh vek thin ani.
	1	Coffee Berry	♣ A hun takah leh fimkhhur taka seng tur
		borer	ani.
	1	Borer	♣ Hmaih neih nuaih loh tur ani.
)	EA.	♣ Sneg hmaih te lakkhawma paih vek tur
	(1 1	ani.
	7	the said of the	♣ Seng bang zawng zawng chu uluka taka
	(2	paih fai vek tur ani.
	1	27	♣ A thlai vennan a rah tlai ho chu paih vek
	Same		tur ani.
	MAMIT	1	♣ Hmun dam lutukah dah loh tur.
	5	Z AIZAWL	→ Boruak tha taka a hmuh theih nan leh a
	1	Constitution of	rawn chawr no theih nan thlai chu uluk
	1)	tak a hlawi tur ani.
	Δ.	1	+ Chuan hei hian kah tur ani. Quinalphos 25
	1.7		EC @ 340 ml/200 lit emaw lamda
) 6		cyhalothrin 5 EC 120 – 160 ml / 200 lit.
	100		♣ In leh loa sawngbawln a a ro dan tur tawkah chuan: Arabica / robusta
		SERGIN	
		SERCHN	robusta cherry 11.0 %.
		Coffee Rust	♣ Natna hrik in a khawih tawh a hnah leh a
		COLLEGE ITEMS	dang te paihpaih vek tur ani.
	- 1		♣ Bordeaux mixture 0.5% in February -
			March (Pre-bloom) a kah phawt a,
		A COMMON CO.	Oxycarboxin 0.03% in May - June (Pre-
		LUNGLEI	monsoon) ah kah chhunzawm tur ani.
CEREALS AND	PULSE CROPS		
Rabi Maize	A chin hun		↓ Vaimim chinna tur atan lei kan let
		11	phut darh anga.
	/		Hei hian a rawn to chhuah na tur atan
		3 7 6 1	a pui dawn a ni.
	,		♣ A chi chu kan lei leh saah chuan kan
		(-9 4	dah ang.
		The same of the sa	♣ A chi chu Thiram @4 g/kg seed hian ak
		LAWNGTLAL	sawngbawl hmasa anga.
		J SAIHA	4 20-25 kg/ha vel a chi thlak hi a tawk ■ 20-25 kg/ha vel a chi thlak hi a tawk
		1	vel viau ani.
			♣ A chi tuh hma in lei leh FYM @5-10
		n 5	t/ha leh 80:60:40 kg N, P ₂ O ₅ leh
	I	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, 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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	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	LAWNGTLALSAIHA	 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	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	O O WCCH	1	1-6 ah F1 vaccine pek tur ani a, chuan
	incasures	wy)		a puitlingh chuan R ₂ B vaccine pek tur
	8			ani.
	5	Same	4	B complex with antibodies
	1	4th weeks	4	Coccidiosis- Amprolium or
	2			coccidiostat
	MADVIT	4-5th Weeks	4	Calcium tonic fortified with B ₁₂
FISHERY	1	AIZAVA	CH	AMPAI (
	Monitoring		14	Sangha te hi chaw a hmuar kai lo
	(Sangha	1	_	chauh pek thin tur ani. Sangha chaw a
	,	3 6 (lo hmuar anih chuan pek hma in ni sa
	enkawl)			a phoro phawt tur ani.
	1		4	Sangha chaw hi a hmuar lohna turin
	1			hmun ro leh uap lutuk lo ah dahthat
		SERCH	IIP :	tur ani a, hmuar atang a tur lo inseam
	-	The state of the s		thin, aflatoxin avang a sangha thi lak
	-			atangin sangha a him phah thin.
	1		4	Dil sah kang veka sangha man thin
	1		-	hian a kumleh a sangha khawinan a dil
		LUNGLEI		buatsaih a ti awlsam a, dil mawng
	3	markin Hornald	I	phoro, chinai phul, leitha hman leh tul
	20/	ec-		dang in dil buatsaih tur ani.
		W ()	7	Sangha te natna lak atangin an him em
			- (0	tih enfiah fo a tha a, natna hmuh anih
		19 8		chuan mithiam te rawn vat a, diltui enfiah vat tur ani.
			7	A ranglam a chinai @50kg/ha leh
		30		tuisen @1.5mg/l diltui a hman hian
				sangha natna avang a thi tur lak
		LAWNGTLAN		atangin a veng thei.
	I	SAIHA	1	<u> </u>
				<u></u>
			1	2
		W 1	5	

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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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