



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Aizawl

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/English

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	10	0	0	0	2
Max Temp (°C)	28	29	30	32	29
Min Temp (°C)	15	16	18	19	18
Cloud Coverage	Mainly cloudy	Clear sky	Clear sky	Clear sky	Partially clear
Max RH (%)	96	67	48	48	65
Min RH (%)	33	27	15	14	18
Wind Speed (Kmph)	6.2	6.3	4.9	4.6	5.2
*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.

Weather summary of the past three days

Maximum Tem. (°C):29-31°C
Minimum Tem. (°C):16°-19°C
Maximum RH (%):74-98%
Minimum RH (%):38-61%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.42 km/hr

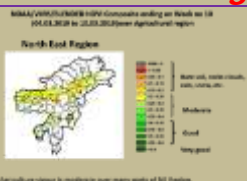
Rainfall: 12.4 mm

Weather forecast valid from 23rdMarch, 2019 To 27thMarch, 2019.

There are chances of moderate to light rainfall during the next 2 days. The maximum and minimum temperatures for the next 5 days may range for 28-32°C and 15-19°C. Maximum relative humidity is expected in the range of 48-96% and minimum may from 14-33%. Wind direction would be southeasterly with the wind speed of 4.6-6.3 km per hour. Mainly clear sky will prevail during the next five days.

Weekly cumulative rainfall: 12.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature also. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days



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		✚ Check of vaccination schedule in poultry/livestock	
Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB MAMIT AIZAWL	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Zero tillage greengram, blackgram, toria and pea	Pod formation/ harvesting stage	Zero tillage	➤ Make proper arrangement for drainage. ➤ Harvest all mature pod/ siliqua. ➤ Infestation of aphid and cob borer will be more due increase of temperature. Apply any systematic insecticide.
		Pea rust	➤ Peas rust affected plant should be destroy or burn it. ➤ Spray the crop with Dithane M-45 @ 2 kg/ha in 1000 lt of water. ➤ 2-3 sprays at 10 days interval.
Fruits			
Mandarin	After Harvesting/tra nsplanting stage	LUNGLEI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	LAWNGTELA SAIHA	➤ Harvest all mature fruits. ➤ 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



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			intervals at flowering and fruit initiation.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Fruit/ card formation stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Harvest all mature fruits. In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Cowpea/ Bhindi	Sowing stage	MAMIT AIZAWL CHAMPA	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group	SERCHHIP	➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	LUNGLEI	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages	SAIHA	✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LAWNGTLAI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



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Collaborating Department:

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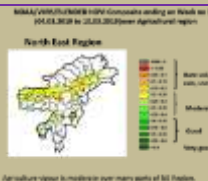
Rainfall: 12.4 mm

23rdMarch–27thMarch, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 2 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-32°C a ni ang a. A vawh lai ber in 15-19°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 48-96% leh a hniam lai berin 14-33% ni tur a rin niin. Thli hi darkar khatah 4.6-6.3 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 12.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be less and temperature will be high. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Provide water every 3-4 days interval for newly established crops.



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Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun		➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawek ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Zero tillage greengram, blackgram, toria and pea	Be-kawm insiam tan dan/seng hun	Zero tillage	➤ Tui tling paih chhuahna tur tha tak a siam. ➤ A kawm hmin tawh seng vek tur. ➤ Boruak a lum tulh tulh avangin aphids leh cob borer te hian an bawm nasa hle tura ngaih a ni. ➤ Systematic insecticide ah eng chi pawh hman theih a ni.
		Be (pea) rust	➤ Be (Peas) rust natna in a khawih danglam tawh chu paih bo emaw hal vek tur. ➤ Be chu hectare khat ah Dithane M-45 kg 2 tui litre 1000 a siam chu kah tur ni. ➤ Ni 10 dan ah vawi 2-3 vel kah tur a ni.
Thei			
Serthlum	Seng tawh hnu/phun sawn hun		➤ Serthlum tiaka a rawn chawrno apiang paihbo zel tur. ➤ Thil kah chi reng reng chu tih hrih loh tur. ➤ Fertilizer leh manure hman hrih loh tur.
Strawberry	Seng hun	Fruit fly	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggerly 10 gram tui litre



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			1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Vegetable			
Tomato, crucifer, purun sen, bawkbawn leh hmarcha	A rah/ a bawr insiam tan hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A rah hmin tawh chu seng vek tur. Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Behlawi/ bawrhsaiabe	Chi tuh hun	AIZAWL	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	SERCHHIP	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	LUNGLEI	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
	Tuikhuah siamthar/ siamthat	LAWNGTLAI	✚ Tui pH enkawl nan chinai a tawk chiah phul thin tur. ✚ Sangha no (fingerlings) chu tuikhuah a dah theih turin inrinlawk tur.



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District: Champhai

Period: 23rdMarch–27thMarch, 2019

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Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
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Max Temp (°C)	28	29	30	32	29
Min Temp (°C)	15	16	18	19	18
Cloud Coverage	Mainly cloudy	Clear sky	Clear sky	Clear sky	Partially clear
Max RH (%)	92	71	47	47	57
Min RH (%)	39	29	17	12	18
Wind Speed (Kmph)	5.5	6.6	5.5	5.0	5.5
*Wind Direction	S-E	S-E	S-E	S-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.

Weather summary of the past three days

Maximum Tem. (°C):26-30°C
Minimum Tem. (°C):13°-16°C
Maximum RH (%):74-98%
Minimum RH (%):38-68%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 2.57 km/hr

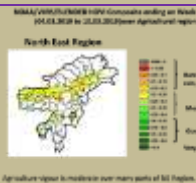
Rainfall: 10.6 mm

Weather forecast valid from 23rdMarch, 2019 To 27thMarch, 2019.

There is chance of light rainfall during the next 1 day. The maximum and minimum temperatures for the next 5 days may range for 28-32°C and 15-19°C. Maximum relative humidity is expected in the range of 47-92% and minimum may from 12-39%. Wind direction would be southeasterly with the wind speed of 5.0-6.6 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 08.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

- Possibility of rainfall will be high and temperature also. Following general measures should be taken by farmers.
- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
 - ✚ Application of fertilizers/manure can be done during clear/dry days
 - ✚ Check of vaccination schedule in poultry/livestock



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Zero tillage greengram, blackgram, toria and pea	Pod formation/ harvesting stage	Zero tillage	➤ Make proper arrangement for drainage. ➤ Harvest all mature pod/ siliqua. ➤ Infestation of aphid and cob borer will be more due increase of temperature. Apply any systematic insecticide.
		Pea rust	➤ Peas rust affected plant should be destroy or burn it. ➤ Spray the crop with Dithane M-45 @ 2 kg/ha in 1000 lt of water. ➤ 2-3 sprays at 10 days interval.
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Min RH (%)	39	29	17	12	18
Wind Speed (Kmph)	5.5	6.6	5.5	5	5.5
*Wind Direction	S-E	S-E	S-E	S-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.

Weather summary of the past three days

Maximum Tem. (°C):26-30°C
Minimum Tem. (°C):13°-16°C
Maximum RH (%):74-98%
Minimum RH (%):38-68%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 2.57 km/hr

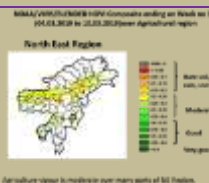
Rainfall: 10.6 mm

23rdMarch–27thMarch, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 1 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-32°C a ni ang a. A vawh lai ber in 15-19°C ni tura beisei a ni. RH san lai berin 47-92% leh a hniam lai berin 12-39% ni tur a rin niin. Thli hi darkar khatah 5.0-6.6 km vela chakin thlanglam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 08.0mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be less and temperature will be high. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Provide water every 3-4 days interval for newly established crops.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun		➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawek ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Zero tillage greengram, blackgram, toria and pea	Be-kawm insiam tan dan/seng hun	Zero tillage	➤ Tui tling paih chhuahna tur tha tak a siam. ➤ A kawm hmin tawh seng vek tur. ➤ Boruak a lum tulh tulh avangin aphids leh cob borer te hian an bawm nasa hle tura ngaih a ni. ➤ Systematic insecticide ah eng chi pawh hman theih a ni.
		Be (pea) rust	➤ Be (Peas) rust natna in a khawih danglam tawh chu paih bo emaw hal vek tur. ➤ Be chu hectare khat ah Dithane M-45 kg 2 tui litre 1000 a siam chu kah tur ni. ➤ Ni 10 dan ah vawi 2-3 vel kah tur a ni.
Thei			
Serthlum	Seng tawh hnu/phun sawn hun		➤ Serthlum tiaka a rawn chawrno apiang paihbo zel tur. ➤ Thil kah chi reng reng chu tih hrih loh tur. ➤ Fertilizer leh manure hman hrih loh tur.
Strawberry	Seng hun	Fruit fly	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggerly 10 gram tui litre



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			1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Vegetable			
Tomato, crucifer, purun sen, bawkbawn leh hmarcha	A rah/ a bawr insiam tan hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A rah hmin tawh chu seng vek tur. Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Behlawi/ bawrhsaiabe	Chi tuh hun	AIZAWL	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	SERCHHIP	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	LUNGLEI	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuhsak tur a ni.
Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
	Tuikhuah siamthar/ siamthat	LAWNGTLAI	✚ Tui pH enkawl nan chinai a tawk chiah phul thin tur. ✚ Sangha no (fingerlings) chu tuikhuah a dah theih turin inrinlawk tur.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Kolasib

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/English

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	4	0	0	0	2
Max Temp (°C)	33	32	33	33	30
Min Temp (°C)	19	18	18	19	20
Cloud Coverage	Mainly cloudy	Clear sky	Clear sky	Clear sky	Partially clear
Max RH (%)	96	65	50	49	62
Min RH (%)	31	25	15	14	18
Wind Speed (Kmph)	5.9	5.5	4.3	4.1	4.9
*Wind Direction	S-E	S-E	S-E	S-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.

Weather summary of the past three days

Maximum Tem. (°C):30-32°C
Minimum Tem. (°C):19-20°C
Maximum RH (%):74-98%
Minimum RH (%):36-75%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.81 km/hr

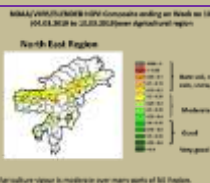
Rainfall: 14.3 mm

Weather forecast valid from 23rdMarch, 2019 To 27thMarch, 2019.

There are chances of light rainfall during the next 2 days. The maximum and minimum temperatures for the next 5 days may range for 30-33°C and 18-20°C. Maximum relative humidity is expected in the range of 49-96% and minimum may from 14-31%. Wind direction would be southeasterly to easterly with the wind speed of 4.1-5.9 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 06.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature also. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days



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		🚩 Check of vaccination schedule in poultry/livestock		
Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories	
Cereals				
Maize	Sowing/ cob formation/ mature stage		➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.	
Zero tillage greengram, blackgram, toria and pea	Pod formation/ harvesting stage		Zero tillage	➤ Make proper arrangement for drainage. ➤ Harvest all mature pod/ siliqua. ➤ Infestation of aphid and cob borer will be more due increase of temperature. Apply any systematic insecticide.
			Pea rust	➤ Peas rust affected plant should be destroy or burn it. ➤ Spray the crop with Dithane M-45 @ 2 kg/ha in 1000 lt of water. ➤ 2-3 sprays at 10 days interval.
Fruits				
Mandarin	After Harvesting/tra nsplanting stage		➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.	
Strawberry	Harvesting stage		Fruit fly	➤ Harvest all mature fruits. ➤ 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



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			intervals at flowering and fruit initiation.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Fruit/ card formation stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Harvest all mature fruits. 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.
Cowpea/ Bhindi	Sowing stage	MAMIT AIZAWL CHAMPA	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group	SERCHHIP	➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	LUNGLEI	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages	SAIHA	✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LAWNGTLAI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Kolasib

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/Mizo

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

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Minimum Tem. (°C):19-20°C
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Cloud cover: Partially clear
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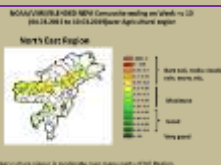
Rainfall: 14.3 mm

23rdMarch–27thMarch, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 2 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-33°C a ni ang a. A vawh lai ber in 18-20°C ni tura beisei a ni. RH san lai berin 49-96% leh a hniam lai berin 14-31% ni tur a rin niin. Thli hi darkar khatah 4.1-5.9 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: 06.0 mm

NDVI for Mizoram



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Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
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Zero tillage greengram, blackgram, toria and pea	Be-kawm insiam tan dan/seng hun	Zero tillage	➤ Tui tling paih chhuahna tur tha tak a siam. ➤ A kawm hmin tawh seng vek tur. ➤ Boruak a lum tulh tulh avangin aphids leh cob borer te hian an bawm nasa hle tura ngaih a ni. ➤ Systematic insecticide ah eng chi pawh hman theih a ni.
		Be (pea) rust	➤ Be (Peas) rust natna in a khawih danglam tawh chu paih bo emaw hal vek tur. ➤ Be chu hectare khat ah Dithane M-45 kg 2 tui litre 1000 a siam chu kah tur ni. ➤ Ni 10 dan ah vawi 2-3 vel kah tur a ni.
Thei			
Serthlum	Seng tawh hnu/phun sawn hun		➤ Serthlum tiaka a rawn chawrno apiang paihbo zel tur. ➤ Thil kah chi reng reng chu tih hrih loh tur. ➤ Fertilizer leh manure hman hrih loh tur.
Strawberry	Seng hun	Fruit fly	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggerly 10 gram tui litre



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Vegetable			
Tomato, crucifer, purun sen, bawkbawn leh hmarcha	A rah/ a bawr insiam tan hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A rah hmin tawh chu seng vek tur. Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggerly 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
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Vawk (Pig)	Eng hun ah pawh	LUNGLEI	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
	Tuikhuah siamthar/ siamthat	LAWNGTLAI	✚ Tui pH enkawl nan chinai a tawk chiah phul thin tur. ✚ Sangha no (fingerlings) chu tuikhuah a dah theih turin inrinlawk tur.



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GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lawntlai

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/English

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	33	33	34	34	35
Min Temp (°C)	21	19	19	20	21
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Mainly clear
Max RH (%)	72	65	48	39	59
Min RH (%)	24	22	15	12	15
Wind Speed (Kmph)	4.4	5.1	4.7	4.8	4.5
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days

Maximum Tem. (°C):27-29°C
Minimum Tem. (°C):16°-17°C
Maximum RH (%):74-98%
Minimum RH (%):45-72%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.74 km/hr

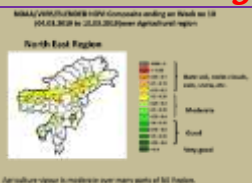
Rainfall: 06.4 mm

Weather forecast valid from 23rdMarch, 2019 To 27thMarch, 2019.

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 33-35°C and 19-21°C. Maximum relative humidity is expected in the range of 48-72% and minimum may from 12-24%. Wind direction would be easterly with the wind speed of 4.4-5.1 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

- Possibility of rainfall will be high and temperature also. Following general measures should be taken by farmers.
- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
 - ✚ Application of fertilizers/manure can be done during clear/dry days
 - ✚ Check of vaccination schedule in poultry/livestock



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Zero tillage greengram, blackgram, toria and pea	Pod formation/ harvesting stage	Zero tillage	➤ Make proper arrangement for drainage. ➤ Harvest all mature pod/ siliqua. ➤ Infestation of aphid and cob borer will be more due increase of temperature. Apply any systematic insecticide.
		Pea rust	➤ Peas rust affected plant should be destroy or burn it. ➤ Spray the crop with Dithane M-45 @ 2 kg/ha in 1000 lt of water. ➤ 2-3 sprays at 10 days interval.
Fruits			
Mandarin	After Harvesting/tra nsplanting stage	LUNGLEI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	LAWNGTLAI	➤ Harvest all mature fruits. ➤ 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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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Vegetable			
Tomato, crucifer, onion, brinjal and chill	Fruit/ card formation stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Harvest all mature fruits. In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Cowpea/ Bhindi	Sowing stage	MAMIT	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	SERCHHIP	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages	LUNGLEI	✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LAWNGTLAI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
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GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lawngtlai

Period: 23rdMarch-27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/Mizo

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	33	33	34	34	35
Min Temp (°C)	21	19	19	20	21
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Mainly clear
Max RH (%)	72	65	48	39	59
Min RH (%)	24	22	15	12	15
Wind Speed (Kmph)	4.4	5.1	4.7	4.8	4.5
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days

23rdMarch-27thMarch, 2019 chhunga sik leh sa dinhmun tur tlangpui

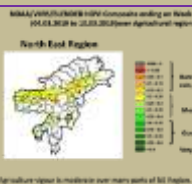
Maximum Tem. (°C):27-29°C
Minimum Tem. (°C):16°-17°C
Maximum RH (%):74-98%
Minimum RH (%):45-72%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.74 km/hr

Tun ni 5 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 33-35°C a ni ang a. A vawh lai ber in 19-21°C ni tura beisei a ni. RH san lai berin of 48-72% leh a hniam lai berin 12-24% ni tur a rin niin. Thli hi darkar khatah 4.4-5.1 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: 06.4 mm

Weekly cumulative rainfall: 00.0mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be less and temperature will be high. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Provide water every 3-4 days interval for newly established crops.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawek ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Zero tillage greengram, blackgram, toria and pea	Be-kawm insiam tan dan/seng hun	Zero tillage	➤ Tui tling paih chhuahna tur tha tak a siam. ➤ A kawm hmin tawh seng vek tur. ➤ Boruak a lum tulh tulh avangin aphids leh cob borer te hian an bawm nasa hle tura ngaih a ni. ➤ Systematic insecticide ah eng chi pawh hman theih a ni.
		Be (pea) rust	➤ Be (Peas) rust natna in a khawih danglam tawh chu paih bo emaw hal vek tur. ➤ Be chu hectare khat ah Dithane M-45 kg 2 tui litre 1000 a siam chu kah tur ni. ➤ Ni 10 dan ah vawi 2-3 vel kah tur a ni.
Thei			
Serthlum	Seng tawh hnu/phun sawn hun		➤ Serthlum tiaka a rawn chawrno apiang paihbo zel tur. ➤ Thil kah chi reng reng chu tih hrih loh tur. ➤ Fertilizer leh manure hman hrih loh tur.
Strawberry	Seng hun	Fruit fly	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre



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			1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Vegetable			
Tomato, crucifer, purun sen, bawkbawn leh hmarcha	A rah/ a bawr insiam tan hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A rah hmin tawh chu seng vek tur. Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Behlawi/ bawrhsaiabe	Chi tuh hun	AIZAWL	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	SERCHHIP	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	LUNGLEI	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
	Tuikhuah siamthar/ siamthat	LAWNGTLAI	✚ Tui pH enkawl nan chinai a tawk chiah phul thin tur. ✚ Sangha no (fingerlings) chu tuikhuah a dah theih turin inrinlawk tur.



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(Prepared based on District wise Weather Forecast received from IMD,
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GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lunglei

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/English

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	5	0	0	0	3
Max Temp (°C)	30	34	34	35	35
Min Temp (°C)	19	20	19	20	21
Cloud Coverage	Partially clear	Clear sky	Clear sky	Clear sky	Partially clear
Max RH (%)	85	72	50	43	61
Min RH (%)	28	25	15	12	16
Wind Speed (Kmph)	5.0	5.3	4.7	4.9	4.6
*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.

Weather summary of the past three days

Maximum Tem. (°C):24-26°C
Minimum Tem. (°C):12°-15°C
Maximum RH (%):74-98%
Minimum RH (%):39-64%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.68 km/hr

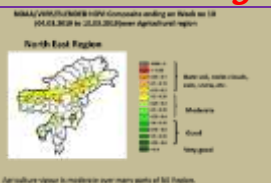
Rainfall: 10.5 mm

Weather forecast valid from 23rdMarch, 2019 To 27thMarch, 2019.

There are chances of light rainfall during the next 2 days. The maximum and minimum temperatures for the next 5 days may range for 30-35°C and 19-21°C. Maximum relative humidity is expected in the range of 43-85% and minimum may from 12-28%. Wind direction would be easterly with the wind speed of 4.6-5.3 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 08.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

- Possibility of rainfall will be high and temperature also. Following general measures should be taken by farmers.
- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
 - ✚ Application of fertilizers/manure can be done during clear/dry days
 - ✚ Check of vaccination schedule in poultry/livestock



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Mizoram Centre, Kolasib- 796081, MIZORAM

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Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Zero tillage greengram, blackgram, toria and pea	Pod formation/ harvesting stage	Zero tillage	➤ Make proper arrangement for drainage. ➤ Harvest all mature pod/ siliqua. ➤ Infestation of aphid and cob borer will be more due increase of temperature. Apply any systematic insecticide.
		Pea rust	➤ Peas rust affected plant should be destroy or burn it. ➤ Spray the crop with Dithane M-45 @ 2 kg/ha in 1000 lt of water. ➤ 2-3 sprays at 10 days interval.
Fruits			
Mandarin	After Harvesting/tra nsplanting stage	LUNGLEI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	LAWNGTLAI SAIHA	➤ Harvest all mature fruits. ➤ 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.



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Vegetable			
Tomato, crucifer, onion, brinjal and chill	Fruit/ card formation stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Harvest all mature fruits. In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Cowpea/ Bhindi	Sowing stage	MAMIT	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	SERCHHI	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages	LUNGLEI	✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LAWNGTLAI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



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GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lunglei

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/Mizo

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	5	0	0	0	3
Max Temp (°C)	30	34	34	35	35
Min Temp (°C)	19	20	19	20	21
Cloud Coverage	Partially clear	Clear sky	Clear sky	Clear sky	Partially clear
Max RH (%)	85	72	50	43	61
Min RH (%)	28	25	15	12	16
Wind Speed (Kmph)	5	5.3	4.7	4.9	4.6
*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.

Weather summary of the past three days

23rdMarch–27thMarch, 2019 chhunga sik leh sa dinhmun tur tlangpui

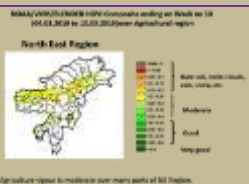
Maximum Tem. (°C):24-26°C
Minimum Tem. (°C):12°-15°C
Maximum RH (%):74-98%
Minimum RH (%):39-64%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.68 km/hr

Tun ni 2 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-35°C a ni ang a. A vawh lai ber in 19-21°C ni tura beisei a ni. RH san lai berin 43-85% leh a hniam lai berin 12-28% ni tur a rin niin. Thli hi darkar khatah 4.6-5.3 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawdur deuh hmuh beisei a ni.

Rainfall: 10.5 mm

Weekly cumulative rainfall: 08.0mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be less and temperature will be high. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Provide water every 3-4 days interval for newly established crops.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun		➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawek ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Zero tillage greengram, blackgram, toria and pea	Be-kawm insiam tan dan/seng hun	Zero tillage 	➤ Tui tling paih chhuahna tur tha tak a siam. ➤ A kawm hmin tawh seng vek tur. ➤ Boruak a lum tulh tulh avangin aphids leh cob borer te hian an bawm nasa hle tura ngaih a ni. ➤ Systematic insecticide ah eng chi pawh hman theih a ni.
		Be (pea) rust 	➤ Be (Peas) rust natna in a khawih danglam tawh chu paih bo emaw hal vek tur. ➤ Be chu hectare khat ah Dithane M-45 kg 2 tui litre 1000 a siam chu kah tur ni. ➤ Ni 10 dan ah vawi 2-3 vel kah tur a ni.
Thei			
Serthlum	Seng tawh hnu/phun sawn hun		➤ Serthlum tiaka a rawn chawrno apiang paihbo zel tur. ➤ Thil kah chi reng reng chu tih hrih loh tur. ➤ Fertilizer leh manure hman hrih loh tur.
Strawberry	Seng hun	Fruit fly 	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggerly 10 gram tui litre



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			1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Vegetable			
Tomato, crucifer, purun sen, bawkbawn leh hmarcha	A rah/ a bawr insiam tan hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A rah hmin tawh chu seng vek tur. Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Behlawi/ bawrhsaiabe	Chi tuh hun	AIZAWL	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	SERCHHIP	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	LUNGLEI	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
	Tuikhuah siamthar/ siamthat	LAWNGTLAI	✚ Tui pH enkawl nan chinai a tawk chiah phul thin tur. ✚ Sangha no (fingerlings) chu tuikhuah a dah theih turin inrinlawk tur.



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



District: Mamit

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/English

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	12	0	0	0	3
Max Temp (°C)	28	29	30	32	29
Min Temp (°C)	15	16	18	19	18
Cloud Coverage	Mainly cloudy	Clear sky	Clear sky	Clear sky	Partially clear
Max RH (%)	96	65	48	50	72
Min RH (%)	33	26	15	15	18
Wind Speed (Kmph)	6.0	5.4	4.3	3.9	4.6
*Wind Direction	S-E	S-E	E	S-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.

Weather summary of the past three days

Maximum Tem. (°C):30-33°C
Minimum Tem. (°C):18-20°C
Maximum RH (%):74-98%
Minimum RH (%):41-65%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.25 km/hr

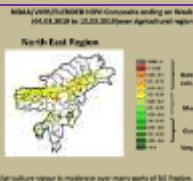
Rainfall: 12.8 mm

Weather forecast valid from 23rdMarch, 2019 To 27thMarch, 2019.

There are chances of moderate to light rainfall during the next 2 days. The maximum and minimum temperatures for the next 5 days may range for 28-32°C and 15-18°C. Maximum relative humidity is expected in the range of 48-96% and minimum may from 15-33%. Wind direction would be southeasterly to easterly to southeasterly and easterly with the wind speed of 3.9-6.0 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 15.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

- Possibility of rainfall will be high and temperature also. Following general measures should be taken by farmers.
- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
 - ✚ Application of fertilizers/manure can be done during clear/dry days
 - ✚ Check of vaccination schedule in poultry/livestock



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



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Zero tillage greengram, blackgram, toria and pea	Pod formation/ harvesting stage	Zero tillage	➤ Make proper arrangement for drainage. ➤ Harvest all mature pod/ siliqua. ➤ Infestation of aphid and cob borer will be more due increase of temperature. Apply any systematic insecticide.
		Pea rust	➤ Peas rust affected plant should be destroy or burn it. ➤ Spray the crop with Dithane M-45 @ 2 kg/ha in 1000 lt of water. ➤ 2-3 sprays at 10 days interval.
Fruits			
Mandarin	After Harvesting/tra nsplanting stage	LUNGLEI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	LAWNGTLAI	➤ Harvest all mature fruits. ➤ 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.



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Vegetable			
Tomato, crucifer, onion, brinjal and chill	Fruit/ card formation stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Harvest all mature fruits. In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Cowpea/ Bhindi	Sowing stage	MAMIT	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	SERCHHI	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages	LUNGLEI	✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LAWNGTLAI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



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District: Mamit

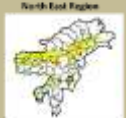
Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/Mizo

Date of issue: 22ndMarch, 2019

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Max RH (%)	96	65	48	50	72
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*Wind Direction	S-E	S-E	E	S-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.

Weather summary of the past three days	23rdMarch–27thMarch, 2019 chhunga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):30-33°C Minimum Tem. (°C):18-20°C Maximum RH (%):74-98% Minimum RH (%):41-65% Wind Direction: Southeasterly Cloud cover: Partially clear Wind speed: 2.25 km/hr Rainfall: 12.8 mm	Tun ni 2 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-32°C a ni ang a. A vawh lai ber in 15-18°C ni tura beisei a ni. RH san lai berin 48-96% leh a hniam lai berin 15-33% ni tur a rin niin. Thli hi darkar khatah 3.9-6.0 km vela chakin thlanglam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chhung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 15.0mm	
NDVI for Mizoram	 0.4 to 0.5 Moderate 0.5 to 0.6 Good 0.6 to 0.7 Very good	A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.
General recommendations	Possibility of rainfall will be less and temperature will be high. Following general measures should be taken by farmers. ✚ Harvest all mature crops and proper sun dry for preservation of seed. ✚ Provide water every 3-4 days interval for newly established crops.	



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		Be (pea) rust	➤ Be (Peas) rust natna in a khawih danglam tawh chu paih bo emaw hal vek tur. ➤ Be chu hectare khat ah Dithane M-45 kg 2 tui litre 1000 a siam chu kah tur ni. ➤ Ni 10 dan ah vawi 2-3 vel kah tur a ni.
Thei			
Serthlum	Seng tawh hnu/phun sawn hun		➤ Serthlum tiaka a rawn chawrno apiang paihbo zel tur. ➤ Thil kah chi reng reng chu tih hrih loh tur. ➤ Fertilizer leh manure hman hrih loh tur.
Strawberry	Seng hun	Fruit fly	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre



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Vegetable			
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Animal Husbandry			
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Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
	Tuikhuah siamthar/ siamthat	LAWNGTLAI	✚ Tui pH enkawl nan chinai a tawk chiah phul thin tur. ✚ Sangha no (fingerlings) chu tuikhuah a dah theih turin inrinlawk tur.



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GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Saiha

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/English

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	32	33	34	34	34
Min Temp (°C)	20	19	19	20	20
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Mainly clear
Max RH (%)	69	66	47	39	53
Min RH (%)	25	23	15	11	14
Wind Speed (Kmph)	4.6	5.3	4.8	5.0	5.0
*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.

Weather summary of the past three days

Maximum Tem. (°C):25-27°C
Minimum Tem. (°C):13°-15°C
Maximum RH (%):74-98%
Minimum RH (%):43-62%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.42 km/hr

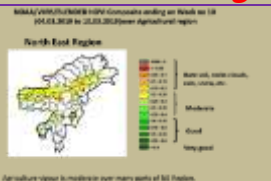
Rainfall: 08.3 mm

Weather forecast valid from 23rdMarch, 2019 To 27thMarch, 2019.

There are no chances of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 32-34°C and 19-20°C. Maximum relative humidity is expected in the range of 39-69% and minimum may from 11-25%. Wind direction would be easterly with the wind speed of 4.6-5.3 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 00.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

- Possibility of rainfall will be high and temperature also. Following general measures should be taken by farmers.
- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
 - ✚ Application of fertilizers/manure can be done during clear/dry days
 - ✚ Check of vaccination schedule in poultry/livestock



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Zero tillage greengram, blackgram, toria and pea	Pod formation/ harvesting stage	Zero tillage	➤ Make proper arrangement for drainage. ➤ Harvest all mature pod/ siliqua. ➤ Infestation of aphid and cob borer will be more due increase of temperature. Apply any systematic insecticide.
		Pea rust	➤ Peas rust affected plant should be destroy or burn it. ➤ Spray the crop with Dithane M-45 @ 2 kg/ha in 1000 lt of water. ➤ 2-3 sprays at 10 days interval.
Fruits			
Mandarin	After Harvesting/tra nsplanting stage	LUNGLEI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	LAWNGTLAI	➤ Harvest all mature fruits. ➤ 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.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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Vegetable			
Tomato, crucifer, onion, brinjal and chill	Fruit/ card formation stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Harvest all mature fruits. In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Cowpea/ Bhindi	Sowing stage	MAMIT	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group		➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	SERCHHIP	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages	LUNGLEI	✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LAWNGTLAI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

(Prepared based on District wise Weather Forecast received from IMD,
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GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Saiha

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/Mizo

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	32	33	34	34	34
Min Temp (°C)	20	19	19	20	20
Cloud Coverage	Clear sky	Clear sky	Clear sky	Clear sky	Mainly clear
Max RH (%)	69	66	47	39	53
Min RH (%)	25	23	15	11	14
Wind Speed (Kmph)	4.6	5.3	4.8	5	5
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days

Maximum Tem. (°C):25-27°C
Minimum Tem. (°C):13°-15°C
Maximum RH (%):74-98%
Minimum RH (%):43-62%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.42 km/hr

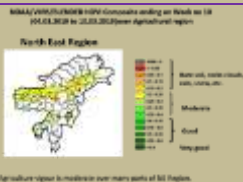
Rainfall: 08.3 mm

23rdMarch–27thMarch, 2019 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 32-34°C a ni ang a. A vawh lai ber in 19-20°C ni tura beisei a ni. RH san lai berin of 39-69% leh a hniam lai berin 11-25% ni tur a rin niin. Thli hi darkar khatah 4.6-5.3 km vela chakin chhimlam 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



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be less and temperature will be high. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Provide water every 3-4 days interval for newly established crops.



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun		➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawek ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Zero tillage greengram, blackgram, toria and pea	Be-kawm insiam tan dan/seng hun	Zero tillage 	➤ Tui tling paih chhuahna tur tha tak a siam. ➤ A kawm hmin tawh seng vek tur. ➤ Boruak a lum tulh tulh avangin aphids leh cob borer te hian an bawm nasa hle tura ngaih a ni. ➤ Systematic insecticide ah eng chi pawh hman theih a ni.
		Be (pea) rust 	➤ Be (Peas) rust natna in a khawih danglam tawh chu paih bo emaw hal vek tur. ➤ Be chu hectare khat ah Dithane M-45 kg 2 tui litre 1000 a siam chu kah tur ni. ➤ Ni 10 dan ah vawi 2-3 vel kah tur a ni.
Thei			
Serthlum	Seng tawh hnu/phun sawn hun		➤ Serthlum tiaka a rawn chawrno apiang paihbo zel tur. ➤ Thil kah chi reng reng chu tih hrih loh tur. ➤ Fertilizer leh manure hman hrih loh tur.
Strawberry	Seng hun	Fruit fly 	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre



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			1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Vegetable			
Tomato, crucifer, purun sen, bawkbawn leh hmarcha	A rah/ a bawr insiam tan hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A rah hmin tawh chu seng vek tur. Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Behlawi/ bawrhsaiabe	Chi tuh hun	AIZAWL	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	SERCHHIP	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	LUNGLEI	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
	Tuikhuah siamthar/ siamthat	LAWNGTLAI	✚ Tui pH enkawl nan chinai a tawk chiah phul thin tur. ✚ Sangha no (fingerlings) chu tuikhuah a dah theih turin inrinlawk tur.



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

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



District: Serchhip

Period: 23rdMarch–27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/English

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	10	0	0	0	2
Max Temp (°C)	28	29	30	32	29
Min Temp (°C)	15	16	18	19	18
Cloud Coverage	Mainly cloudy	Clear sky	Clear sky	Clear sky	Partially clear
Max RH (%)	97	77	51	48	73
Min RH (%)	33	27	16	13	18
Wind Speed (Kmph)	5.4	5.9	5.0	4.8	5.0
*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.

Weather summary of the past three days

Maximum Tem. (°C): 16-27°C
Minimum Tem. (°C): 18-19°C
Maximum RH (%): 71-99%
Minimum RH (%): 42-68%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 2.64 km/hr

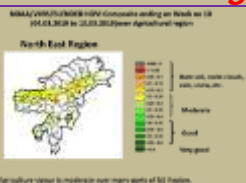
Rainfall: 09.2 mm

Weather forecast valid from 23rdMarch, 2019 To 27thMarch, 2019.

There are chances of moderate to light rainfall during the next 2 days. The maximum and minimum temperatures for the next 5 days may range for 28-32°C and 15-18°C. Maximum relative humidity is expected in the range of 48-97% and minimum may from 13-33%. Wind direction would be southeasterly with the wind speed of 4.8-5.9 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 12.0 mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be high and temperature also. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Application of fertilizers/manure can be done during clear/dry days



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		✚ Check of vaccination schedule in poultry/livestock	
Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB MAMIT AIZAWL	➤ Provide drainage to already sowing field. ➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing. ➤ Harvest all the mature cobs for rabi maize.
Zero tillage greengram, blackgram, toria and pea	Pod formation/ harvesting stage	Zero tillage	➤ Make proper arrangement for drainage. ➤ Harvest all mature pod/ siliqua. ➤ Infestation of aphid and cob borer will be more due increase of temperature. Apply any systematic insecticide.
		Pea rust	➤ Peas rust affected plant should be destroy or burn it. ➤ Spray the crop with Dithane M-45 @ 2 kg/ha in 1000 lt of water. ➤ 2-3 sprays at 10 days interval.
Fruits			
Mandarin	After Harvesting/tra nsplanting stage	LUNGLEI	➤ Remove water sprouts in mandarin. ➤ During sunny days, spray Metalaxyl MZ 72@2.75g/lit or fosetyl A1@2.5g/lit fungicide on the tree covering the whole plant canopy against Phytophthora. ➤ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Strawberry	Harvesting stage	LAWNGTLA SAIHA	➤ Harvest all mature fruits. ➤ 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



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			intervals at flowering and fruit initiation.
Vegetable			
Tomato, crucifer, onion, brinjal and chill	Fruit/ card formation stage	KOLASIB	➤ Provide drainage to already sowing field. ➤ Harvest all mature fruits. In large gardens apply carbaryl 0.2 per cent or malathion 0.15 per cent suspension containing sugar or jaggery at 10 g/l at fortnightly intervals at flowering and fruit initiation.
Cowpea/ Bhindi	Sowing stage	MAMIT AIZAWL CHAMPA	➤ Distance should be maintain 60 cm from plant to plant. ➤ Apply well decomposed FYM/pig manure @ 5-10 t/ha along with 80:60:40 kg N, P₂O₅ and K₂O/ha incorporate with soil before sowing
Animal Husbandry			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All age group	SERCHHIP	➤ Vaccination against Ranikhet at 4 days of birth and boost dose after 1 month of age
Pig	All stages	LUNGLEI	✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages	SAIHA	✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LAWNGTLAI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Serchhip

Period: 23rdMarch-27thMarch, 2019

Bulletin No: - 863/2019/ Bulletin/Mizo

Date of issue: 22ndMarch, 2019

Parameters	23.03.2019	24.03.2019	25.03.2019	26.03.2019	27.03.2019
Rainfall (mm)	10	0	0	0	2
Max Temp (°C)	28	29	30	32	29
Min Temp (°C)	15	16	18	19	18
Cloud Coverage	Mainly cloudy	Clear sky	Clear sky	Clear sky	Partially clear
Max RH (%)	97	77	51	48	73
Min RH (%)	33	27	16	13	18
Wind Speed (Kmph)	5.4	5.9	5	4.8	5
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days

Maximum Tem. (°C): 16-27°C
Minimum Tem. (°C): 18-19°C
Maximum RH (%): 71-99%
Minimum RH (%): 42-68%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 2.64 km/hr

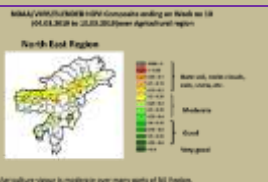
Rainfall: 09.2 mm

23rdMarch-27thMarch, 2019 chhunga sik leh sa dinhmun tur tlangpui

Tun ni 2 chhung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 28-32°C a ni ang a. A vawh lai ber in 15-18°C ni tura beisei a ni. RH san lai berin 48-97% leh a hniam lai berin 13-33% ni tur a rin niin. Thli hi darkar khatah 4.8-5.9 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: 12.0mm

NDVI for Mizoram



A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.

General recommendations

Possibility of rainfall will be less and temperature will be high. Following general measures should be taken by farmers.

- ✚ Harvest all mature crops and proper sun dry for preservation of seed.
- ✚ Provide water every 3-4 days interval for newly established crops.



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Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize (Vaimim)	Tuh hun/ a kawm insiam hun/a puitlin hun		➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawek ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni. ➤ A kawm hmin zawng hi thlasik vaimim a tan seng tur a ni.
Zero tillage greengram, blackgram, toria and pea	Be-kawm insiam tan dan/seng hun	Zero tillage 	➤ Tui tling paih chhuahna tur tha tak a siam. ➤ A kawm hmin tawh seng vek tur. ➤ Boruak a lum tulh tulh avangin aphids leh cob borer te hian an bawm nasa hle tura ngaih a ni. ➤ Systematic insecticide ah eng chi pawh hman theih a ni.
		Be (pea) rust 	➤ Be (Peas) rust natna in a khawih danglam tawh chu paih bo emaw hal vek tur. ➤ Be chu hectare khat ah Dithane M-45 kg 2 tui litre 1000 a siam chu kah tur ni. ➤ Ni 10 dan ah vawi 2-3 vel kah tur a ni.
Thei			
Serthlum	Seng tawh hnu/phun sawn hun		➤ Serthlum tiaka a rawn chawrno apiang paihbo zel tur. ➤ Thil kah chi reng reng chu tih hrih loh tur. ➤ Fertilizer leh manure hman hrih loh tur.
Strawberry	Seng hun	Fruit fly 	➤ A hmin zawng seng vek tur. ➤ Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre



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			1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Vegetable			
Tomato, crucifer, purun sen, bawkbawn leh hmarcha	A rah/ a bawr insiam tan hun	KOLASIB	➤ A chi tuh na hmun zawl ah chuan tui tling paih chhuahna tur siam ni se. ➤ A rah hmin tawh chu seng vek tur. Huan zau deuh nei te tan carbaryl 0.2 per cent emaw Malathion 0.15 per cent ah Jeggery 10 gram tui litre 1 a siam chu pawlh tur a ni a, chu mi chu a par lai leh rah a chhuah tirhin kar 2 danah zel spray tur a ni.
Behlawi/ bawrhsaiabe	Chi tuh hun	AIZAWL	➤ A kung leh kung inhlat zawng hi 60 cm a ni tur a ni. ➤ FYM/vawk ek @ 5-10 t/ha leh 80:60:40 kg N, P₂O₅ and K₂O/ha te chu a chi tuh hma in lei nen tha taka chawpawlh tur a ni.
Animal Husbandry			
Ran	In dawt chhoh dan	Natna	Natna laka inven theihna tur atana zawm tur te
Ar (Poultry)	Eng kum (age) tan pawh	SERCHHIP	➤ An pian atanga ni 4 hnu ah Ranikhet natna laka invennan chiu tur a ni. Thla khat an nih hnu ah an taksa chak nan vaccine ngai tho lak leh tur.
Vawk (Pig)	Eng hun ah pawh	LUNGLEI	✚ An mut hmun hi a pawimawh hle. ✚ A theih hram chuan an mutna chhuat chu thing a siam ni thei se. ✚ A no piang hlim tan an taksa tih lumna tur ngaihtuahsak tur a ni.
Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
	Tuikhuah siamthar/ siamthat	LAWNGTLAI	✚ Tui pH enkawl nan chinai a tawk chiah phul thin tur. ✚ Sangha no (fingerlings) chu tuikhuah a dah theih turin inrinlawk tur.



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