



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: 06thApril–10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/English

Date of issue: 05th April, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	14	39	45	19	12
Max Temp (°C)	32	29	31	30	31
Min Temp (°C)	20	19	19	19	20
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Partially clear	Partially clear
Max RH (%)	96	98	98	91	99
Min RH (%)	35	60	40	38	38
Wind Speed (Kmph)	3	3	3	2	3
*Wind Direction	S-E	E	S-E	S-E	N-E

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

Weather summary of the past three days

Maximum Tem. (°C):25-30°C
Minimum Tem. (°C):17°-19°C
Maximum RH (%):90-93%
Minimum RH (%):54-71%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 3.42 km/hr

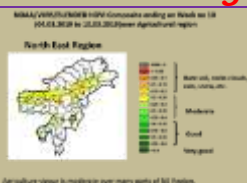
Rainfall: 19.3 mm

Weather forecast valid from 06thApril, 2019 To 10thApril, 2019.

There are chances of moderate to heavy rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 29-32°C and 19-20°C. Maximum relative humidity is expected in the range of 91-99% and minimum may from 35-60%. Wind direction would be southeasterly to easterly to southeasterly and northeasterly with the wind speed of 2-3 km per hour. Partially clear sky will prevail during the next five days.

Weekly cumulative rainfall: 129.0 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 will be less. 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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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	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



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Collaborating Department:

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Weather summary of the past three days

06thApril–10thApril, 2019 chungga sik leh sa dinhmun tur tlangpui

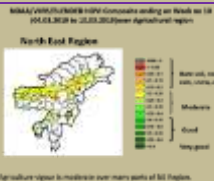
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Minimum Tem. (°C):17°-19°C
Maximum RH (%):90-93%
Minimum RH (%):54-71%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 3.42 km/hr

Tun ni 5 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 29-32°C a ni ang a. A vawh lai ber in 19-20°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 91-99% leh a hniam lai berin 35-60% ni tur a rin niin. Thli hi darkar khatah 2-3 chakin chhim chhaklam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 129.0 mm

Rainfall: 19.3 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 will be less. Following general measures should be taken by farmers.

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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 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.
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: 06thApril–10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/English

Date of issue: 05thApril, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	18	53	24	16	12
Max Temp (°C)	32	32	31	30	32
Min Temp (°C)	19	20	19	19	20
Cloud Coverage	Clear sky	Partially clear	Mainly cloudy	Mainly clear	Mainly clear
Max RH (%)	86	93	94	82	92
Min RH (%)	31	50	33	35	34
Wind Speed (Kmph)	2	3	4	3	2
*Wind Direction	E	E	S-E	S-E	S

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):26-28°C
Minimum Tem. (°C):16^o-18°C
Maximum RH (%):92-99%
Minimum RH (%):52-78%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 3.27 km/hr

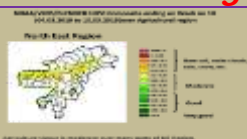
Rainfall: 22.0 mm

Weather forecast valid from 06thApril, 2019 To 10thApril, 2019.

There are chances of moderate to heavy rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 30-32°C and 19-20°C. Maximum relative humidity is expected in the range of 82-94% and minimum may from 31-50%. Wind direction would be easterly to southeasterly and southerly with the wind speed of 2-4 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 123.0 mm

NDVI for Mizoram



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General recommendations

Possibility of rainfall will be high and temperature will be less. 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. Check of vaccination schedule in poultry/livestock



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Main Crop/ Animal / Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
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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.
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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.
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Min RH (%)	31	50	33	35	34
Wind Speed (Kmph)	2	3	4	3	2
*Wind Direction	E	E	S-E	S-E	S

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

06thApril-10thApril, 2019 chungga sik leh sa dinhmun tur tlangpui

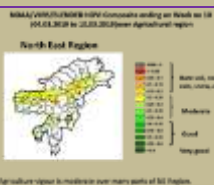
Maximum Tem. (°C):26-28°C
Minimum Tem. (°C):16°-18°C
Maximum RH (%):92-99%
Minimum RH (%):52-78%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 3.27 km/hr

Tun ni 5 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-32°C a ni ang a. A vawh lai ber in 19-20°C ni tura beisei a ni. RH san lai berin 82-94% leh a hniam lai berin 31-50% ni tur a rin niin. Thli hi darkar khatah 2-4 km vela chakin thlanglam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 123.0mm

Rainfall: 22.0 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 will be less. 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

(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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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Kolasib

Period: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/English

Date of issue: 05thApril, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	18	37	45	27	15
Max Temp (°C)	32	25	31	30	31
Min Temp (°C)	20	19	19	18	20
Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Partially clear	Partially clear
Max RH (%)	97	99	98	97	99
Min RH (%)	38	60	41	42	41
Wind Speed (Kmph)	3	3	2	2	3
*Wind Direction	S-E	E	E	S-E	N-E

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

Weather summary of the past three days

Maximum Tem. (°C):27-29°C
Minimum Tem. (°C):17-18°C
Maximum RH (%):91-98%
Minimum RH (%):54-71%
Wind Direction: Southeasterly
Cloud cover: Mainly cloudy
Wind speed: 3.67 km/hr

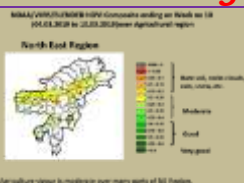
Rainfall: 68.1 mm

Weather forecast valid from 06thApril, 2019 To 10thApril, 2019.

There are chances of moderate to heavy rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 25-32°C and 18-20°C. Maximum relative humidity is expected in the range of 97-99% and minimum may from 38-60%. Wind direction would be southeasterly to easterly to southeasterly and northeasterly with the wind speed of 2-3 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 142.0 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 will be less. 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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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: Kolasib

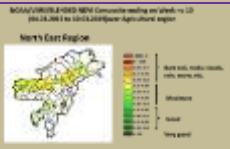
Period: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/Mizo

Date of issue: 05th April, 2019

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Cloud Coverage	Mainly clear	Mainly cloudy	Mainly cloudy	Partially clear	Partially clear
Max RH (%)	97	99	98	97	99
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Wind Speed (Kmph)	3	3	2	2	3
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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.

Weather summary of the past three days	06thApril-10thApril, 2019 chungga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):27-29°C Minimum Tem. (°C):17-18°C Maximum RH (%):91-98% Minimum RH (%):54-71% Wind Direction: Southeasterly Cloud cover: Mainly cloudy Wind speed: 3.67 km/hr	Tun ni 5 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 25-32°C a ni ang a. A vawh lai ber in 18-20°C ni tura beisei a ni. RH san lai berin 97-99% leh a hniam lai berin 38-60% 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 chung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 142.0 mm	
Rainfall: 68.1 mm		
NDVI for Mizoram	 NDVI (Normalized Difference Vegetation Index) is a measure of vegetation density. The map shows varying levels of vegetation across Mizoram, with higher values (green) indicating denser vegetation and lower values (yellow/brown) indicating less dense vegetation.	A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.
General recommendations	Possibility of rainfall will be high and temperature will be less. 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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		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.
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Kel (Goat)	Eng hun ah pawh		✚ Rulhut pai tir loh. ✚ Provide dry bending
Sangha			
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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: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/English

Date of issue: 05thApril, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	4	6	10	0	4
Max Temp (°C)	33	33	32	32	33
Min Temp (°C)	19	21	20	20	20
Cloud Coverage	Clear sky	Clear sky	Partially clear	Clear sky	Mainly clear
Max RH (%)	79	76	93	74	96
Min RH (%)	22	21	27	22	21
Wind Speed (Kmph)	3	2	3	2	2
*Wind Direction	N-E	E	E	E	N-E

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

Weather summary of the past three days

Maximum Tem. (°C):26-27°C
Minimum Tem. (°C):16-18°C
Maximum RH (%):89-98%
Minimum RH (%):58-75%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 3.57 km/hr

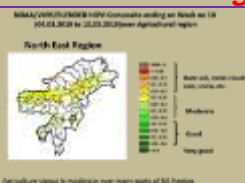
Rainfall: 12.1 mm

Weather forecast valid from 06thApril, 2019 To 10thApril, 2019.

There are chances of moderate to light rainfall during the next 4 days. The maximum and minimum temperatures for the next 5 days may range for 32-33°C and 19-21°C. Maximum relative humidity is expected in the range of 74-96% and minimum may from 21-27%. Wind direction would be northeasterly to easterly and northeasterly with the wind speed of 2-3 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 24.0 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 will be less. 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



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Mizoram Centre, Kolasib- 796081, MIZORAM

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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: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/Mizo

Date of issue: 05th April, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	4	6	10	0	4
Max Temp (°C)	33	33	32	32	33
Min Temp (°C)	19	21	20	20	20
Cloud Coverage	Clear sky	Clear sky	Partially clear	Clear sky	Mainly clear
Max RH (%)	79	76	93	74	96
Min RH (%)	22	21	27	22	21
Wind Speed (Kmph)	3	2	3	2	2
*Wind Direction	N-E	E	E	E	N-E

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

Weather summary of the past three days

06thApril-10thApril, 2019 chungga sik leh sa dinhmun tur tlangpui

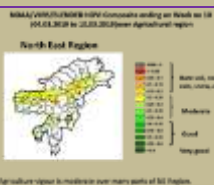
Maximum Tem. (°C):26-27°C
Minimum Tem. (°C):16°-18°C
Maximum RH (%):89-98%
Minimum RH (%):58-75%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 3.57 km/hr

Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-33°C a ni ang a. A vawh lai ber in 19-21°C ni tura beisei a ni. RH san lai berin of 74-96% leh a hniam lai berin 21-27% 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 chung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 24.0mm

Rainfall: 12.1 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 will be less. 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

(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/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. ➤ 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 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.
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: Lunglei

Period: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/English

Date of issue: 05thApril, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	12	15	13	0	12
Max Temp (°C)	33	33	32	31	33
Min Temp (°C)	20	22	20	20	21
Cloud Coverage	Clear sky	Mainly clear	Partially clear	Mainly clear	Mainly clear
Max RH (%)	88	89	96	79	95
Min RH (%)	27	29	33	28	26
Wind Speed (Kmph)	3	3	4	2	2
*Wind Direction	E	E	E	E	N-E

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

Weather summary of the past three days

Maximum Tem. (°C):24-26°C
Minimum Tem. (°C):15-17°C
Maximum RH (%):87-98%
Minimum RH (%):59-75%
Wind Direction: Southeasterly
Cloud cover: Partially clear sky
Wind speed: 3.84 km/hr

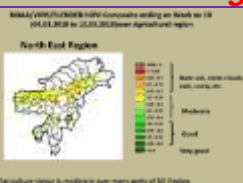
Rainfall: 21.8 mm

Weather forecast valid from 06thApril, 2019 To 10thApril, 2019.

There are chances of moderate to light rainfall during the next 4 days. The maximum and minimum temperatures for the next 5 days may range for 31-33°C and 20-21°C. Maximum relative humidity is expected in the range of 79-96% and minimum may from 26-33%. Wind direction would be easterly and northeasterly with the wind speed of 2-4 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 52.0 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 will be less. 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

(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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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: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/Mizo

Date of issue: 05th April, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	12	15	13	0	12
Max Temp (°C)	33	33	32	31	33
Min Temp (°C)	20	22	20	20	21
Cloud Coverage	Clear sky	Mainly clear	Partially clear	Mainly clear	Mainly clear
Max RH (%)	88	89	96	79	95
Min RH (%)	27	29	33	28	26
Wind Speed (Kmph)	3	3	4	2	2
*Wind Direction	E	E	E	E	N-E

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

Weather summary of the past three days

06thApril-10thApril, 2019 chungsa sik leh sa dinhmun tur tlangpui

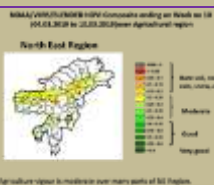
Maximum Tem. (°C):24-26°C
Minimum Tem. (°C):15°-17°C
Maximum RH (%):87-98%
Minimum RH (%):59-75%
Wind Direction: Southeasterly
Cloud cover: Partially clear sky
Wind speed: 3.84 km/hr

Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 31-33°C a ni ang a. A vawh lai ber in 20-21°C ni tura beisei a ni. RH san lai berin 79-96% leh a hniam lai berin 26-33% 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 chung hian khawdur deuh hmuh beisei a ni.

Weekly cumulative rainfall: 52.0mm

Rainfall: 21.8 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 will be less. 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 (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: Mamit

Period: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/English

Date of issue: 05th April, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	14	24	49	18	16
Max Temp (°C)	32	29	31	31	32
Min Temp (°C)	21	21	20	20	21
Cloud Coverage	Mainly clear	Partially clear	Mainly cloudy	Mainly clear	Partially clear
Max RH (%)	97	99	98	96	99
Min RH (%)	36	55	40	40	40
Wind Speed (Kmph)	3	3	3	2	4
*Wind Direction	S-E	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):26-29°C
Minimum Tem. (°C):17-18°C
Maximum RH (%):88-98%
Minimum RH (%):59-74%
Wind Direction: southeasterly
Cloud cover: Mainly cloudy
Wind speed: 3.84 km/hr

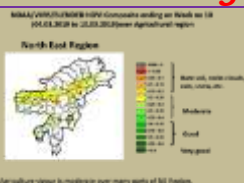
Rainfall: 41.6 mm

Weather forecast valid from 06thApril, 2019 To 10thApril, 2019.

There are chances of moderate to heavy rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 29-32°C and 20-21°C. Maximum relative humidity is expected in the range of 96-99% and minimum may from 36-55%. Wind direction would be southeasterly to easterly to southeasterly and easterly with the wind speed of 2-4 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 121.0 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 will be less. 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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Main Crop/ Animal /Fisheries	Stage	Cultural practices/ Pest/ Diseases	Agricultural / Horticultural/ animal husbandry advisories
Cereals			
Maize	Sowing/ cob formation/ mature stage	KOLASIB MAMIT	➤ 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 SERCHHI	➤ 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	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



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District: Mamit

Period: 06thApril–10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/Mizo

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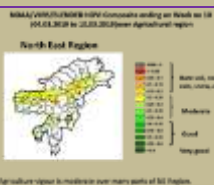
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Wind speed: 3.84 km/hr

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Weekly cumulative rainfall: 121.0mm

Rainfall: 41.6 mm

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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.
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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: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/English

Date of issue: 05thApril, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	4	7	14	0	9
Max Temp (°C)	33	33	32	32	33
Min Temp (°C)	19	21	20	20	20
Cloud Coverage	Clear sky	Clear sky	Partially clear	Clear sky	Mainly clear
Max RH (%)	74	75	93	71	93
Min RH (%)	23	22	27	23	21
Wind Speed (Kmph)	3	3	3	3	3
*Wind Direction	N-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):25-28°C
Minimum Tem. (°C):15°-16°C
Maximum RH (%):89-98%
Minimum RH (%):61-78%
Wind Direction: Southeasterly
Cloud cover: Mainly cloudy
Wind speed: 3.51 km/hr

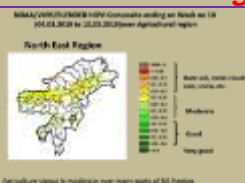
Rainfall: 18.3 mm

Weather forecast valid from 06thApril, 2019 To 10thApril, 2019.

There are chances of moderate to light rainfall during the next 4 days. The maximum and minimum temperatures for the next 5 days may range for 32-32°C and 19-21°C. Maximum relative humidity is expected in the range of 71-93% and minimum may from 21-27%. Wind direction would be northeasterly to easterly with the wind speed of 3 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 34.0 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 will be less. 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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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: Saiha

Period: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/Mizo

Date of issue: 05th April, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	4	7	14	0	9
Max Temp (°C)	33	33	32	32	33
Min Temp (°C)	19	21	20	20	20
Cloud Coverage	Clear sky	Clear sky	Partially clear	Clear sky	Mainly clear
Max RH (%)	74	75	93	71	93
Min RH (%)	23	22	27	23	21
Wind Speed (Kmph)	3	3	3	3	3
*Wind Direction	N-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

06thApril-10thApril, 2019 chungga sik leh sa dinhmun tur tlangpui

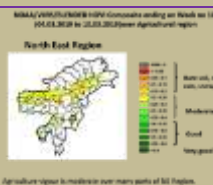
Maximum Tem. (°C):25-28°C
Minimum Tem. (°C):15°-16°C
Maximum RH (%):89-98%
Minimum RH (%):61-78%
Wind Direction: Southeasterly
Cloud cover: Mainly cloudy
Wind speed: 3.51 km/hr

Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-32°C a ni ang a. A vawh lai ber in 19-21°C ni tura beisei a ni. RH san lai berin of 71-93% leh a hniam lai berin 21-27% ni tur a rin niin. Thli hi darkar khatah 3 km vela chakin chhimlam awi zawngin a tleh rin a ni. A tlangpuiin tun ni nga chung hian khawthiang tak hmuh beisei a ni.

Weekly cumulative rainfall: 34.0mm

Rainfall: 18.3 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 will be less. 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

(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 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 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.
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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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Serchhip

Period: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/English

Date of issue: 05thApril, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	8	38	13	0	12
Max Temp (°C)	32	32	30	31	32
Min Temp (°C)	20	20	20	20	21
Cloud Coverage	Clear sky	Mainly clear	Mainly cloudy	Mainly clear	Mainly clear
Max RH (%)	94	96	97	81	95
Min RH (%)	30	44	38	32	30
Wind Speed (Kmph)	2	3	4	2	2
*Wind Direction	E	E	S-E	E	N-E

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

Weather summary of the past three days

Maximum Tem. (°C):25-27°C
Minimum Tem. (°C):16-18°C
Maximum RH (%):86-98%
Minimum RH (%):58-72%
Wind Direction: Southeasterly
Cloud cover: Mainly cloudy
Wind speed: 4.21 km/hr

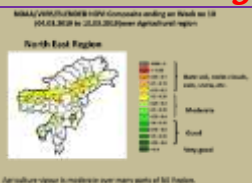
Rainfall: 27.7 mm

Weather forecast valid from 06thApril, 2019 To 10thApril, 2019.

There are chances of moderate to heavy and light rainfall during the next 4 days. The maximum and minimum temperatures for the next 5 days may range for 30-32°C and 20-21°C. Maximum relative humidity is expected in the range of 81-97% and minimum may from 30-44%. Wind direction would be easterly to southeasterly to easterly and northeasterly with the wind speed of 2-4 km per hour. Mainly cloudy sky will prevail during the next five days.

Weekly cumulative rainfall: 71.0 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 will be less. 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



GRAMIN KRISHI MAUSAM SEWA

ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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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	LAWNGTEI 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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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: Serchhip

Period: 06thApril-10thApril, 2019

Bulletin No: - 868/2019/ Bulletin/Mizo

Date of issue: 05th April, 2019

Parameters	06.04.2019	07.04.2019	08.04.2019	09.04.2019	10.04.2019
Rainfall (mm)	8	38	13	0	12
Max Temp (°C)	32	32	30	31	32
Min Temp (°C)	20	20	20	20	21
Cloud Coverage	Clear sky	Mainly clear	Mainly cloudy	Mainly clear	Mainly clear
Max RH (%)	94	96	97	81	95
Min RH (%)	30	44	38	32	30
Wind Speed (Kmph)	2	3	4	2	2
*Wind Direction	E	E	S-E	E	N-E

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

Weather summary of the past three days	06thApril-10thApril, 2019 chungga sik leh sa dinhmun tur tlangpui	
Maximum Tem. (°C):25-27°C Minimum Tem. (°C):16-18°C Maximum RH (%):86-98% Minimum RH (%):58-72% Wind Direction: Southeasterly Cloud cover: Mainly cloudy Wind speed: 4.21 km/hr	Tun ni 4 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-32°C a ni ang a. A vawh lai ber in 20-21°C ni tura beisei a ni. RH san lai berin 81-97% leh a hniam lai berin 30-44% 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 chung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 71.0mm	
Rainfall: 27.7 mm		
NDVI for Mizoram	 Agriculture region to moderate over many parts of NE Region.	A moderately wet/mildly dry/mildly wet condition occurs in all districts of Mizoram.
General recommendations	Possibility of rainfall will be high and temperature will be less. 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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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 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.
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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