



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: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/English

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	6	30	0
Max Temp (°C)	35	34	35	33	30
Min Temp (°C)	23	21	19	17	17
Cloud Coverage	Partially clear	Mainly clear	Clear sky	Mainly cloudy	Clear sky
Max RH (%)	59	61	85	98	78
Min RH (%)	24	26	24	34	35
Wind Speed (Kmph)	3	3	3	3	3
*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	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):27-28°C Minimum Tem. (°C):17°-19°C Maximum RH (%):71-84% Minimum RH (%):32-45% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.05 km/hr Rainfall: 00.0 mm	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 30-35°C and 17-23°C. Maximum relative humidity is expected in the range of 59-98% and minimum may from 24-34%. Wind direction would be southeasterly with the wind speed of 3.0 km per hour. Partially clear sky will prevail during the next five days. Weekly cumulative rainfall: 36.0 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 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	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 plants. ➤ Delay/avoid any kind of spraying operation. ➤ Avoid application of fertilizer and manure.
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 intervals at flowering and fruit initiation.
Vegetable			



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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		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages		✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LUNGLEI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



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District: Aizawl

Period: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/Mizo

Date of issue: 15thMarch, 2019

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Rainfall (mm)	0	0	6	30	0
Max Temp (°C)	35	34	35	33	30
Min Temp (°C)	23	21	19	17	17
Cloud Coverage	Partially clear	Mainly clear	Clear sky	Mainly cloudy	Clear sky
Max RH (%)	59	61	85	98	78
Min RH (%)	24	26	24	34	35
Wind Speed (Kmph)	3	3	3	3	3
*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	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):22-25°C Maximum Tem. (°C):27-28°C Minimum Tem. (°C):17-19°C Maximum RH (%):71-84% Minimum RH (%):32-45% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.05 km/hr	Tun ni 2 chung 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 17-23°C ni tura beisei a ni. RH (boruak hnawn dan) san lai berin 59-98% leh a hniam lai berin 59-98% ni tur a rin niin. Thli hi darkar khatah 3.0 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: 36.0 mm	
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 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: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/English

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	5	22	0
Max Temp (°C)	36	36	33	33	30
Min Temp (°C)	22	19	18	17	17
Cloud Coverage	Mainly clear	Clear sky	Clear sky	Partially clear	Clear sky
Max RH (%)	56	64	80	96	79
Min RH (%)	24	25	25	32	34
Wind Speed (Kmph)	3	3	3	3	4
*Wind Direction	S-E	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	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):29-30°C Minimum Tem. (°C):14°-15°C Maximum RH (%):74-81% Minimum RH (%):38-46% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.07 km/hr Rainfall: 00.0 mm	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 30-36°C and 17-22°C. Maximum relative humidity is expected in the range of 56-96% and minimum may from 24-34%. Wind direction would be southeasterly to easterly and southeasterly with the wind speed of 3.-4 km per hour. Mainly clear sky will prevail during the next five days. Weekly cumulative rainfall: 27.0 mm	
NDVI for Mizoram	Agriculture varies from moderate to very dry 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 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	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 plants. ➤ Delay/avoid any kind of spraying operation. ➤ Avoid application of fertilizer and manure.
Strawberry	Harvesting stage	Fruit fly 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.
Vegetable			



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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		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages		✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LUNGLEI	✚ Apply proper dose of lime for maintaining pH of water. ✚ Keep fingerlings ready for introducing to the pond



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Wind Speed (Kmph)	3	3	3	3	4
*Wind Direction	S-E	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	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):29-30°C Minimum Tem. (°C):14°-15°C Maximum RH (%):74-81% Minimum RH (%):38-46% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.07 km/hr Rainfall: 00.0 mm	Tun ni 2 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 30-36°C a ni ang a. A vawh lai ber in 17-22°C ni tura beisei a ni. RH san lai berin 56-96% leh a hniam lai berin 24-34% ni tur a rin niin. Thli hi darkar khatah 3-4 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: 27.0mm	
NDVI for Mizoram	 Mizoram NDVI (Normalized Difference Vegetation Index) Composite satellite image for the period 16.03.2019 to 20.03.2019 over Agricultural region. North-East Region 0.4 - 0.5 Moderate 0.5 - 0.6 Good 0.6 - 0.7 Very good Agriculture region is 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 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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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: Kolasib

Period: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/English

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	0	30	0
Max Temp (°C)	35	34	35	33	30
Min Temp (°C)	22	21	18	17	18
Cloud Coverage	Partially clear	Mainly clear	Mainly clear	Partially clear	Clear sky
Max RH (%)	62	62	86	97	73
Min RH (%)	25	26	23	29	33
Wind Speed (Kmph)	3	3	2	2	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	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):29-31°C Minimum Tem. (°C):15-16°C Maximum RH (%):68-86% Minimum RH (%):31-57% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 2.84 km/hr Rainfall: 00.0 mm	There are chances of moderate rainfall during the next 1 day. The maximum and minimum temperatures for the next 5 days may range for 30-35°C and 17-22°C. Maximum relative humidity is expected in the range of 62-97% and minimum may from 23-33%. Wind direction would be southeasterly with the wind speed of 2-3 km per hour. Mainly clear sky will prevail during the next five days. Weekly cumulative rainfall: 30.0 mm	
NDVI for Mizoram	NDVI (Normalized Difference Vegetation Index) is a measure of vegetation health and density. The map shows varying levels of vegetation across Mizoram, with higher values indicating denser vegetation.	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	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 plants. ➤ Delay/avoid any kind of spraying operation. ➤ Avoid application of fertilizer and manure.
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.
Vegetable			



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Mizoram Centre, Kolasib- 796081, MIZORAM

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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		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages		✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LUNGLEI	✚ 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: Kolasib

Period: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/Mizo

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	0	30	0
Max Temp (°C)	35	34	35	33	30
Min Temp (°C)	22	21	18	17	18
Cloud Coverage	Partially clear	Mainly clear	Mainly clear	Partially clear	Clear sky
Max RH (%)	62	62	86	97	73
Min RH (%)	25	26	23	29	33
Wind Speed (Kmph)	3	3	2	2	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	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):29-31°C Minimum Tem. (°C):15-16°C Maximum RH (%):68-86% Minimum RH (%):31-57% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 2.84 km/hr Rainfall: 00.0 mm	Tun ni 5 chung 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 17-22°C ni tura beisei a ni. RH san lai berin 62-97% leh a hniam lai berin 23-33% 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: 30.0 mm	
NDVI for Mizoram	0.4 Moderate 0.5 Good 0.6 Very good 0.7 Excellent 0.8 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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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.



GRAMIN KRISHI MAUSAM SEWA ICAR RESEARCH COMPLEX FOR NEH REGION

Mizoram Centre, Kolasib- 796081, MIZORAM

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Mizoram Centre, Kolasib- 796081, MIZORAM

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



District: Lawngtlai

Period: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/English

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	35	36	34	32	32
Min Temp (°C)	23	20	20	18	17
Cloud Coverage	Clear sky	Clear sky	Clear sky	Partially clear	Clear sky
Max RH (%)	64	58	63	92	68
Min RH (%)	23	20	21	33	25
Wind Speed (Kmph)	3	3	2	3	3
*Wind Direction	S-E	E	N-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	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):24-26°C Minimum Tem. (°C):14°-16°C Maximum RH (%):66-82% Minimum RH (%):28-51% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 2.64 km/hr Rainfall: 00.0 mm	There is no chance of rainfall during the next 5 days. The maximum and minimum temperatures for the next 5 days may range for 32-36°C and 17-23°C. Maximum relative humidity is expected in the range of 58-92% and minimum may from 20-33%. Wind direction would be southeasterly to easterly to northeasterly and easterly with the wind speed of 2-3 km per hour. Mainly 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 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	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 plants. ➤ Delay/avoid any kind of spraying operation. ➤ Avoid application of fertilizer and manure.
Strawberry	Harvesting stage	Fruit fly 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.
Vegetable			



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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		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages		✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LUNGLEI	✚ 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: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/Mizo

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	35	36	34	32	32
Min Temp (°C)	23	20	20	18	17
Cloud Coverage	Clear sky	Clear sky	Clear sky	Partially clear	Clear sky
Max RH (%)	64	58	63	92	68
Min RH (%)	23	20	21	33	25
Wind Speed (Kmph)	3	3	2	3	3
*Wind Direction	S-E	E	N-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):14-16°C
Maximum RH (%):66-82%
Minimum RH (%):28-51%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 2.64 km/hr

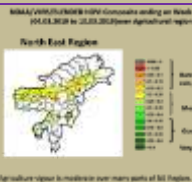
Rainfall: 00.0 mm

Weather forecast valid from 16thMarch, 2019 To 20thMarch, 2019.

Tun ni 5 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-36°C a ni ang a. A vawh lai ber in 17-23°C ni tura beisei a ni. RH san lai berin of 58-92% leh a hniam lai berin 20-33% 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: 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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(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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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: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/English

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	5	20	0
Max Temp (°C)	37	38	36	33	32
Min Temp (°C)	24	21	21	19	18
Cloud Coverage	Mainly clear	Clear sky	Clear sky	Partially clear	Clear sky
Max RH (%)	60	61	77	96	74
Min RH (%)	24	22	22	34	29
Wind Speed (Kmph)	3	3	3	3	3
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):22-24°C Minimum Tem. (°C):14°-16°C Maximum RH (%):62-88% Minimum RH (%):34-51% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.05 km/hr Rainfall: 00.0 mm	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 32-38°C and 18-24°C. Maximum relative humidity is expected in the range of 60-96% and minimum may from 22-34%. Wind direction would be easterly with the wind speed of 3 km per hour. Mainly clear sky will prevail during the next five days. Weekly cumulative rainfall: 25.0 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 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	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 plants. ➤ Delay/avoid any kind of spraying operation. ➤ Avoid application of fertilizer and manure.
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 intervals at flowering and fruit initiation.
Vegetable			



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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		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages		✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LUNGLEI	✚ 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: Lunglei

Period: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/Mizo

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	5	20	0
Max Temp (°C)	37	38	36	33	32
Min Temp (°C)	24	21	21	19	18
Cloud Coverage	Mainly clear	Clear sky	Clear sky	Partially clear	Clear sky
Max RH (%)	60	61	77	96	74
Min RH (%)	24	22	22	34	29
Wind Speed (Kmph)	3	3	3	3	3
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):22-24°C Minimum Tem. (°C):14°-16°C Maximum RH (%):62-88% Minimum RH (%):34-51% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 3.05 km/hr Rainfall: 00.0 mm	Tun ni 2 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-38°C a ni ang a. A vawh lai ber in 18-24°C ni tura beisei a ni. RH san lai berin 60-96% leh a hniam lai berin 22-34% ni tur a rin niin. Thli hi darkar khatah 3 km vela chakin chhaklam awi zawngin a tleh rin a ni. A tlangpuin tun ni nga chung hian khawdur deuh hmuh beisei a ni. Weekly cumulative rainfall: 25.0mm	
NDVI for Mizoram	 Agriculture report to monitor 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 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 Jeggery 10 gram tui litre



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)



			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

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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: Mamit

Period: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/English

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	0	36	0
Max Temp (°C)	36	35	36	33	31
Min Temp (°C)	24	22	21	19	19
Cloud Coverage	Partially clear	Mainly clear	Mainly clear	Mainly cloudy	Clear sky
Max RH (%)	60	58	81	98	75
Min RH (%)	25	24	24	34	34
Wind Speed (Kmph)	3	3	2	2	3
*Wind Direction	S-E	S-E	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	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):30-31°C Minimum Tem. (°C):17-18°C Maximum RH (%):62-81% Minimum RH (%):26-48% Wind Direction: Southeasterly Cloud cover: Partially clear Wind speed: 2.24 km/hr Rainfall: 00.0 mm	There is chance of moderate rainfall during the next 1 day. The maximum and minimum temperatures for the next 5 days may range for 31-36°C and 19-24°C. Maximum relative humidity is expected in the range of 58-98% and minimum may from 24-34%. Wind direction would be southeasterly to easterly and southeasterly with the wind speed of 2-3 km per hour. Mainly clear sky will prevail during the next five days. Weekly cumulative rainfall: 36.0 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.	



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 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 plants. ➤ Delay/avoid any kind of spraying operation. ➤ Avoid application of fertilizer and manure.
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.
Vegetable			



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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		✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LUNGLEI	✚ 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: Mamit

Period: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/Mizo

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	0	36	0
Max Temp (°C)	36	35	36	33	31
Min Temp (°C)	24	22	21	19	19
Cloud Coverage	Partially clear	Mainly clear	Mainly clear	Mainly cloudy	Clear sky
Max RH (%)	60	58	81	98	75
Min RH (%)	25	24	24	34	34
Wind Speed (Kmph)	3	3	2	2	3
*Wind Direction	S-E	S-E	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):30-31°C
Minimum Tem. (°C):17-18°C
Maximum RH (%):62-81%
Minimum RH (%):26-48%
Wind Direction: Southeasterly
Cloud cover: Partially clear
Wind speed: 2.24 km/hr

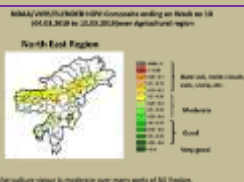
Rainfall: 00.0 mm

Weather forecast valid from 16thMarch, 2019 To 20thMarch, 2019.

Tun ni 1 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 31-36°C a ni ang a. A vawh lai ber in 19-24°C ni tura beisei a ni. RH san lai berin 58-98% leh a hniam lai berin 24-34% ni tur a rin niin. Thli hi darkar khatah 2-3 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: 36.0mm

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 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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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: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/English

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	0	11	0
Max Temp (°C)	36	37	34	32	32
Min Temp (°C)	23	20	20	18	17
Cloud Coverage	Clear sky	Clear sky	Clear sky	Partially clear	Clear sky
Max RH (%)	63	58	63	93	69
Min RH (%)	23	20	21	31	26
Wind Speed (Kmph)	3	3	3	3	3
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days

Maximum Tem. (°C):22-24°C
Minimum Tem. (°C):13°-15°C
Maximum RH (%):71-85%
Minimum RH (%):33-55%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 2.74 km/hr

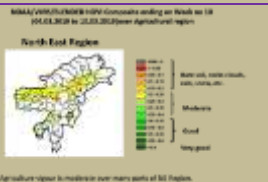
Rainfall: 00.0 mm

Weather forecast valid from 16thMarch, 2019 To 20thMarch, 2019.

There is chance of moderate rainfall during the next 1 day. The maximum and minimum temperatures for the next 5 days may range for 32-37°C and 17-23°C. Maximum relative humidity is expected in the range of 58-93% and minimum may from 20-31%. Wind direction would be easterly with the wind speed of 3 km per hour. Clear sky will prevail during the next five days.

Weekly cumulative rainfall: 11.0 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.



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 plants. ➤ Delay/avoid any kind of spraying operation. ➤ Avoid application of fertilizer and manure.
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 intervals at flowering and fruit initiation.
Vegetable			



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)



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		✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LUNGLEI	✚ 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: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/Mizo

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	0	11	0
Max Temp (°C)	36	37	34	32	32
Min Temp (°C)	23	20	20	18	17
Cloud Coverage	Clear sky	Clear sky	Clear sky	Partially clear	Clear sky
Max RH (%)	63	58	63	93	69
Min RH (%)	23	20	21	31	26
Wind Speed (Kmph)	3	3	3	3	3
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days	Weather forecast valid from 16 th March, 2019 To 20 th March, 2019.	
Maximum Tem. (°C):22-24°C Minimum Tem. (°C):13°-15°C Maximum RH (%):71-85% Minimum RH (%):33-55% Wind Direction: Southeasterly Cloud cover: Mainly clear Wind speed: 2.74 km/hr Rainfall: 00.0 mm	Tun ni 1 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 32-37°C a ni ang a. A vawh lai ber in 17-23°C ni tura beisei a ni. RH san lai berin of 58-93% leh a hniam lai berin 20-31% ni tur a rin niin. Thli hi darkar khatah 3 km vela chakin chhimlam awi zawngin a tleh rin a ni. A tlangpuuin tun ni nga chung hian khawthiang tak hmuh beisei a ni. Weekly cumulative rainfall: 11.0mm	
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 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 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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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: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/English

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	6	27	0
Max Temp (°C)	37	38	34	33	31
Min Temp (°C)	24	21	20	19	18
Cloud Coverage	Mainly clear	Clear sky	Clear sky	Mainly cloudy	Clear sky
Max RH (%)	62	63	88	98	80
Min RH (%)	25	24	24	36	33
Wind Speed (Kmph)	2	3	3	2	4
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days

Maximum Tem. (°C):26-28°C
Minimum Tem. (°C):15-16°C
Maximum RH (%):75-88%
Minimum RH (%):31-62%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 2.62 km/hr

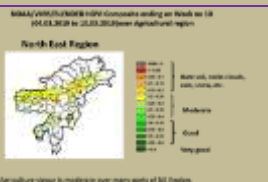
Rainfall: 00.0 mm

Weather forecast valid from 16thMarch, 2019 To 20thMarch, 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 31-38°C and 18-24°C. Maximum relative humidity is expected in the range of 62-98% and minimum may from 24-36%. Wind direction would be easterly with the wind speed of 2-4 km per hour. Mainly clear sky will prevail during the next five days.

Weekly cumulative rainfall: 33.0 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.



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 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 plants. ➤ Delay/avoid any kind of spraying operation. ➤ Avoid application of fertilizer and manure.
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.
Vegetable			



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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		✚ The bedding is always. ✚ If possible wooden sleeping box should be provided. ✚ Provide artificial heat source to new born piglets.
Goat	All stages		✚ Deworming ✚ Provide dry bending
Fishery			
	Pond renovation	LUNGLEI	✚ 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: 16thMarch–20thMarch, 2019

Bulletin No: - 861/2019/ Bulletin/Mizo

Date of issue: 15thMarch, 2019

Parameters	16.03.2019	17.03.2019	18.03.2019	19.03.2019	20.03.2019
Rainfall (mm)	0	0	6	27	0
Max Temp (°C)	37	38	34	33	31
Min Temp (°C)	24	21	20	19	18
Cloud Coverage	Mainly clear	Clear sky	Clear sky	Mainly cloudy	Clear sky
Max RH (%)	62	63	88	98	80
Min RH (%)	25	24	24	36	33
Wind Speed (Kmph)	2	3	3	2	4
*Wind Direction	E	E	E	E	E

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

Weather summary of the past three days

Maximum Tem. (°C):26-28°C
Minimum Tem. (°C):15-16°C
Maximum RH (%):75-88%
Minimum RH (%):31-62%
Wind Direction: Southeasterly
Cloud cover: Mainly clear
Wind speed: 2.62 km/hr

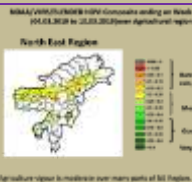
Rainfall: 00.0 mm

Weather forecast valid from 16thMarch, 2019 To 20thMarch, 2019.

Tun ni 2 chung lo awm turah hian ruahtui tla miahlo tura beisei a ni. Khua a lum lai berin 31-38°C a ni ang a. A vawh lai ber in 18-24°C ni tura beisei a ni. RH san lai berin 62-98% leh a hniam lai berin 24-36% 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: 33.0mm

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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