



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 28-01-2020

Weather Forecast of LAWNGTLAI(Mizoram) Issued On : 2020-01-28(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2020-01-29	0.0	15.0	6.0	67	24	4.6	60	1
2020-01-30	0.0	16.0	5.0	72	37	3.3	75	4
2020-01-31	2.0	15.0	5.0	98	39	4.6	120	5
2020-02-01	0.0	17.0	6.0	84	35	4.5	60	0
2020-02-02	0.0	17.0	6.0	73	27	4.6	70	2

## Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 21-22 C and 12-14 C. Maximum relative humidity was expected in the range of 89-99% and minimum from 71-80%. Wind direction was southeasterly to easterly with the wind speed of 4.1-5.8km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun nithum (3 days) chhung khan ruahtui a tla lo. Khua a lumlai ber in 21-22C a ni a, a vawhlai ber erawhchuan 12-14C a ni. Boruak hnawnlai berin 89-99% a nihlain a hullai erawhchuan 71-80% a nithung. Thli hi darker khatah 4.1-5.8 a chak in chhakatamatanganinchhimlamahchuanhnmarchhahklamahawileh in chhim lamah a tleh thlaleh a ni. Tun nithum chhung khan van ah chum hmuhtur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

## General Advisory:

There will be possibility of light rainfall and temperature will be low upcoming five days. Farmers should take the following general measures. 1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation 5. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Tun atanga ninga (5) lo awmleh tur chhung hian ruahtui tlem a tlak rin a ni a, boruak pawh a dai deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur. 5. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlina thatak siam theih ni se.

## SMS Advisory:

To manage aphid, spray soap, neem oil, and narrow range oil solution around 10 AM or place Yellow sticky cards at regular interval.

Aphids ven nan sahbon tui emaw neem oil in zing dar 10 veleh phuh thin tur a ni, a khat mawi tawkin lehkhaw rawng eng tar bawh tur a ni.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this leaf blight disease spray aproach (Methoxy-acrylates) @ 2 g/li of water. 2. Crop rotation with legume. 3. Drainage should be maintain properly in heavy rainfall.
	1. Leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawlh a kah tur a ni. 2. Thlai (Legume) ho nen chin pawlh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siamtur.
FIELD PEA	1. Provide irrigation every 10 days interval. 2. Use straw mulch where irrigation is not possible. 3. Provide split doses of fertilizer in dry days.
	1. Ni 10 danah zel tui pek thin tur. 2. Tui pek na tur remchang a awmlon chuan, bulpawl leh bawngk khawro hmangin lei tih hnawm tur. 3. Leitha techu vawi khatah a vai a pe lo in, khaw ro ni a dose hrang hrang a pek tur.
SOYABEAN	1. Pods which are to be utilized as seeds should be harvested when the grains are almost dry or containing roughly 10% moisture. 2. Keep rodent traps in the field or take percussion measures from rodent infestation.
	1. A kum leh a a chi (seeds) atana hman tur a ruahman techu a rah a ro trep tih ah emaw 100 ah 10 vel moisture a awm tih ah seng thin tur. 2. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah ni se.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Harvest all the mature (Dark brown to light brown and light yellow) plants. 2. Don't leave the harvested rhizome of turmeric in the field. 3. Rhizome which will be used for sowing of next year should be kept and dry in shade place.
	1. A kung puitling tawh a rawng pawh a thim lam tanga buang emaw eng lampang tawh chu seng vek tur. 2. Aieng seng tawh sate chu field ah hnutchhiahloh tur. 3. Aieng zung a kumleh a chin tur a dah hrante chu hmunro leh hmunthimah dah that tur.
POTATO	1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation
	1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur.
CHILLI	1. Pullout and destroy infected plant and weeds. 2. Use neem based contact poison like to control many garden insects, like cucumber beetles, which are known to spread the disease. 3. High nitrogen fertilizers may increase susceptibility to the disease.
	1. Natna hrikpai hlobet/hnim awm zawng zawng phawichhuah vek thin tur. 2. Huan thlai ei thin rannung, cucumber beetles tih angchi natna thehdarh thin techu, neem atanga siam rannung thahna hlo hmang a tih rem thin tur. 3. Hman tur zat bituk ai baka fertilizer kan hman hian natna in a khawih awlsam duh bik a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
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Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Farmers should go for strict biosecurity measures to prevent the entrance of the disease and supplementation with the mineral mixture (Minerex and minonil) to avoid stress. 2. Provide dry bedding materials straw and gunny bag to livestock/poultry. 3. Keep the livestock house covered during winter but provide proper ventilation to avoid respiratory problem due to ammonia gas.
	1. Natna lo lut thei lak a venna tur ruahhmanna tha tak leh uluk zawk ran neitu ten kan siam tur a ni, chu mi rual chuan ran chau lutuk tur venna supplements (Minerex leh minonil) pek thin tur. 2. Ranin chhuatah an mut lumna turin buhpawl emaw buara emaw phah sak tur a ni. 3. Thalsik lai chuan ranin chu khuh vek thin tur, mahse boruak an thlakchham loh nan ventilation vel hawn sa a dah thin tur, boruak thalo laka an him theih nan.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Provide preventive dose of anti-coccidial drugs to poultry. 2. Ensure proper airflow in the coop. Vents should be placed in the roof of the coop where cold air does not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.
	1. Rulhut dona turin ar techu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusam a boruak a luhchhuah theihna turin siamtur. Boruak vawt a hlawma a luhloh na tur in ar-in chung ah a kua siamtur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tihzia nan ointment chikhat petroleum jelly tihchu hnawih thin tur.



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Weather Forecast of LUNGLEI(Mizoram) Issued On : 2020-01-28(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2020-01-29	0.0	17.0	8.0	75	27	4.2	65	0
2020-01-30	0.0	18.0	6.0	78	39	3.5	68	5
2020-01-31	2.0	17.0	6.0	98	41	4.5	112	6
2020-02-01	0.0	18.0	8.0	90	36	4.7	68	4
2020-02-02	0.0	18.0	8.0	63	27	4.3	68	2

## Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 21-24°C and 11-13°C. Maximum relative humidity was expected in the range of 91-97% and minimum from 70-82%. Wind direction was southeasterly with the wind speed of 3.8-4.8 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun nithum (3 days) chhung khan ruahtui a tla lo. Khua a lumlai ber in 21-24°C a ni a, a vawhlai ber erawhchuan 11-13°C a ni. Boruak hnawnlai berin 91-97% a nihlain a hullai erawhchuan 70-82% a nithung. Thli hi darker khatah 3.8-4.8 a chak in chhakatamatanganinchhimlamahchuanhnmarchhakatamatamahawileh in chhim lamah a tleh thlaleh a ni. Tun nithum chhung khan van ah chum hmuhtur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

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Tun atanga ninga (5) lo awmleh tur chhung hian ruahtui tlem a tlak rin a ni a, boruak pawh a dai deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur. 5. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlina thatak siam theih ni se.

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FIELD PEA	1. Provide irrigation every 10 days interval. 2. Use straw mulch where irrigation is not possible. 3. Provide split doses of fertilizer in dry days.
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SOYABEAN	1. Pods which are to be utilized as seeds should be harvested when the grains are almost dry or containing roughly 10% moisture. 2. Keep rodent traps in the field or take percussion measures from rodent infestation.
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Umiam, Meghalaya



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2020-01-30	0.0	16.0	5.0	71	38	3.6	79	3
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2020-02-01	0.0	17.0	6.0	83	36	4.4	75	0
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### Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 18-22 C and 08-11 C. Maximum relative humidity was expected in the range of 88-96% and minimum from 75-83%. Wind direction was easterly to southeasterly with the wind speed of 4.3-5.9 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

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2020-02-01	0.0	17.0	6.0	93	39	4.6	79	4
2020-02-02	0.0	17.0	6.0	60	28	3.9	68	3

### Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 21-23 C and 08-13 C. Maximum relative humidity was expected in the range of 91-99% and minimum from 72-88%. Wind direction was southeasterly with the wind speed of 4.5-6.1 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun nithum (3 days) chhung khan ruahtui a tla lo. Khua a lumlaiber 21-23 C a ni a, a vawhlai ber erawhchuan 08-13C a ni. Boruak hnawnlai berin 91-99% a nihlain a hullai erawhchuan 72-88% a nithung. Thli hi darker khatah 2.6-3.4 a chak in chhakatamatanganinchhimlamahchuanhnmarchhahklamahawileh in chhim lamah a tleh thlaleh a ni. Tun nithum chhung khan van ah chum hmuhtur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

### General Advisory:

There will be possibility of light rainfall and temperature will be low upcoming five days. Farmers should take the following general measures. 1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation 5. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Tun atanga ninga (5) lo awmleh tur chhung hian ruahtui tlem a tlak rin a ni a, boruak pawh a dai deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur. 5. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlina thatak siam theih ni se.

### SMS Advisory:

To manage aphid, spray soap, neem oil, and narrow range oil solution around 10 AM or place Yellow sticky cards at regular interval.

Aphids ven nan sahbon tui emaw neem oil in zing dar 10 veleh phuh thin tur a ni, a khat mawi tawkin lehkhaw rawng eng tar bawh tur a ni.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this leaf blight disease spray aproach (Methoxy-acrylates) @ 2 g/li of water. 2. Crop rotation with legume. 3. Drainage should be maintain properly in heavy rainfall.
	1. Leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawh a kah tur a ni. 2. Thlai (Legume) ho nen chin pawh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siamtur.
FIELD PEA	1. Provide irrigation every 10 days interval. 2. Use straw mulch where irrigation is not possible. 3. Provide split doses of fertilizer in dry days.
	1. Ni 10 danah zel tui pek thin tur. 2. Tui pek na tur remchang a awmlh chuan, bulpawh leh bawngkhawro hmangin lei tih hnawm tur. 3. Leitha techu vawi khatah a vai a pe lo in, khaw ro ni a dose hrang hrang a pek tur.
SOYABEAN	1. Pods which are to be utilized as seeds should be harvested when the grains are almost dry or containing roughly 10% moisture. 2. Keep rodent traps in the field or take percussion measures from rodent infestation.
	1. A kum leh a a chi (seeds) atana hman tur a ruahman techu a rah a ro trep tih ah emaw 100 ah 10 vel moisture a awm tih ah seng thin tur. 2. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah ni se.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Harvest all the mature (Dark brown to light brown and light yellow) plants. 2. Don't leave the harvested rhizome of turmeric in the field. 3. Rhizome which will be used for sowing of next year should be kept and dry in shade place.
	1. A kung puitling tawh a rawng pawh a thim lam tanga buang emaw eng lampang tawh chu seng vek tur. 2. Aieng seng tawh sate chu field ah hnutchhiahloh tur. 3. Aieng zung a kumleh a chin tur a dah hrante chu hmunro leh hmunthimah dah that tur.
POTATO	1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation
	1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawh hmangin khuh thin tur.
CHILLI	1. Pullout and destroy infected plant and weeds. 2. Use neem based contact poison like to control many garden insects, like cucumber beetles, which are known to spread the disease. 3. High nitrogen fertilizers may increase susceptibility to the disease.
	1. Natna hrikpai hlobet/hnim awm zawng zawng phawichhuah vek thin tur. 2. Huan thlai ei thin rannung, cucumber beetles tih angchi natna thehdarh thin techu, neem atanga siam rannung thahna hlo hmang a tih rem thin tur. 3. Hman tur zat bituk ai baka fertilizer kan hman hian natna in a khawih awlsam duh bik a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
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Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Farmers should go for strict biosecurity measures to prevent the entrance of the disease and supplementation with the mineral mixture (Minerex and minonil) to avoid stress. 2. Provide dry bedding materials straw and gunny bag to livestock/poultry. 3. Keep the livestock house covered during winter but provide proper ventilation to avoid respiratory problem due to ammonia gas.
	1. Natna lo lut thei lak a venna tur ruahhmanna tha tak leh uluk zawk ran neitu ten kan siam tur a ni, chu mi rual chuan ran chau lutuk tur venna supplements (Minerex leh minonil) pek thin tur. 2. Ranin chhuatah an mut lumna turin buhpawl emaw buara emaw phah sak tur a ni. 3. Thalsik lai chuan ranin chu khuh vek thin tur, mahse boruak an thlakchham loh nan ventilation vel hawn sa a dah thin tur, boruak thalo laka an him theih nan.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Provide preventive dose of anti-coccidial drugs to poultry. 2. Ensure proper airflow in the coop. Vents should be placed in the roof of the coop where cold air does not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.
	1. Rulhut dona turin ar techu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusam a boruak a luhchhuah theihna turin siamtur. Boruak vawt a hlawma a luhloh na tur in ar-in chung ah a kua siamtur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tihzia nan ointment chikhat petroleum jelly tihchu hnawih thin tur.



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 28-01-2020

Weather Forecast of AIZAWL(Mizoram) Issued On : 2020-01-28(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2020-01-29	0.0	15.0	6.0	74	31	3.9	112	0
2020-01-30	3.0	16.0	5.0	98	34	3.7	112	3
2020-01-31	13.0	15.0	5.0	99	91	3.6	165	6
2020-02-01	0.0	17.0	6.0	84	36	4.2	150	4
2020-02-02	0.0	17.0	6.0	57	26	3.1	112	4

## Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 21-23°C and 11-13°C. Maximum relative humidity was expected in the range of 86-98% and minimum from 78-91%. Wind direction was southeasterly with the wind speed of 4.5-5.1 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun nithum (3 days) chhung khan ruahtui a tla lo. Khua a lumlai ber in 21-23°C a ni a, a vawhlai ber erawhchuan 11-13°C a ni. Boruak hnawnlai berin 86-98% a nihlain a hullai erawhchuan 78-91% a ni thung. Thli hi darkar khatah 4.5-5.1 a chak in chhaklam atanga tannin chhimlamah chuan hmarchhak lamah awileh in chhimlamah a tleh thlaleh a ni. Tun nithum chhung khan van ah chum hmuhtur a tam hle. Kartluana ruahtui tlingkhawm: 00.0mm

## General Advisory:

There will be possibility of light rainfall and temperature will be low upcoming five days. Farmers should take the following general measures. 1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation 5. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Tun atanga ninga (5) lo awmleh tur chhung hian ruahtui tlem a tlak rin a ni a, boruak pawh a dai deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur. 5. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna thatak siam theih ni se.

## SMS Advisory:

To manage aphid, spray soap, neem oil, and narrow range oil solution around 10 AM or place Yellow sticky cards at regular interval.

Aphids ven nan sahbon tui emaw neem oil in zing dar 10 veleh phuh thin tur a ni, a khat mawi tawkin lehkhaw rawng eng tar bawh tur a ni.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this leaf blight disease spray aproach (Methoxy-acrylates) @ 2 g/li of water. 2. Crop rotation with legume. 3. Drainage should be maintain properly in heavy rainfall.
	1. Leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawh a kah tur a ni. 2. Thlai (Legume) ho nen chin pawh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siamtur.
FIELD PEA	1. Provide irrigation every 10 days interval. 2. Use straw mulch where irrigation is not possible. 3. Provide split doses of fertilizer in dry days.
	1. Ni 10 danah zel tui pek thin tur. 2. Tui pek na tur remchang a awmlh chuan, bulpawh leh bawngkhawro hmangin lei tih hnawm tur. 3. Leitha techu vawi khatah a vai a pe lo in, khaw ro ni a dose hrang hrang a pek tur.
SOYABEAN	1. Pods which are to be utilized as seeds should be harvested when the grains are almost dry or containing roughly 10% moisture. 2. Keep rodent traps in the field or take percussion measures from rodent infestation.
	1. A kum leh a a chi (seeds) atana hman tur a ruahman techu a rah a ro trep tih ah emaw 100 ah 10 vel moisture a awm tih ah seng thin tur. 2. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah ni se.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Harvest all the mature (Dark brown to light brown and light yellow) plants. 2. Don't leave the harvested rhizome of turmeric in the field. 3. Rhizome which will be used for sowing of next year should be kept and dry in shade place.
	1. A kung puitling tawh a rawng pawh a thim lam tanga buang emaw eng lampang tawh chu seng vek tur. 2. Aieng seng tawh sate chu field ah hnutchhiahloh tur. 3. Aieng zung a kumleh a chin tur a dah hrante chu hmunro leh hmunthimah dah that tur.
POTATO	1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation
	1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawh hmangin khuh thin tur.
CHILLI	1. Pullout and destroy infected plant and weeds. 2. Use neem based contact poison like to control many garden insects, like cucumber beetles, which are known to spread the disease. 3. High nitrogen fertilizers may increase susceptibility to the disease.
	1. Natna hrikpai hlobet/hnim awm zawng zawng phawichhuah vek thin tur. 2. Huan thlai ei thin rannung, cucumber beetles tih angchi natna thehdarh thin techu, neem atanga siam rannung thahna hlo hmang a tih rem thin tur. 3. Hman tur zat bituk ai baka fertilizer kan hman hian natna in a khawih awlsam duh bik a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
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Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Farmers should go for strict biosecurity measures to prevent the entrance of the disease and supplementation with the mineral mixture (Minerex and minonil) to avoid stress. 2. Provide dry bedding materials straw and gunny bag to livestock/poultry. 3. Keep the livestock house covered during winter but provide proper ventilation to avoid respiratory problem due to ammonia gas.
	1. Natna lo lut thei lak a venna tur ruahhmanna tha tak leh uluk zawk ran neitu ten kan siam tur a ni, chu mi rual chuan ran chau lutuk tur venna supplements (Minerex leh minonil) pek thin tur. 2. Ranin chhuatah an mut lumna turin buhpawl emaw buara emaw phah sak tur a ni. 3. Thalsik lai chuan ranin chu khuh vek thin tur, mahse boruak an thlakchham loh nan ventilation vel hawn sa a dah thin tur, boruak thalo laka an him theih nan.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Provide preventive dose of anti-coccidial drugs to poultry. 2. Ensure proper airflow in the coop. Vents should be placed in the roof of the coop where cold air does not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.
	1. Rulhut dona turin ar techu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusam a boruak a luhchhuah theihna turin siamtur. Boruak vawt a hlawma a luhloh na tur in ar-in chung ah a kua siamtur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tihzia nan ointment chikhat petroleum jelly tihchu hnawih thin tur.





## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 28-01-2020

Weather Forecast of CHAMPHAI(Mizoram) Issued On : 2020-01-28(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2020-01-29	0.0	15.0	6.0	74	28	4.2	112	0
2020-01-30	1.0	16.0	5.0	81	36	4.4	112	2
2020-01-31	4.0	15.0	5.0	99	79	4.2	165	6
2020-02-01	0.0	17.0	6.0	97	42	4.6	243	1
2020-02-02	0.0	17.0	6.0	66	28	4.0	146	2

## Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 19-22 C and 10-13 C. Maximum relative humidity was expected in the range of 89-99% and minimum from 73-88%. Wind direction was southeasterly with the wind speed of 4.3-5.8 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun nithum (3 days) chhung khan ruahtui a tla lo. Khua a lumlai ber in 19-22C a ni a, a vawhlai ber erawhchuan 10-13C a ni. Boruak hnawnlai berin 89-99% a nihlain a hullai erawhchuan 73-88% a ni thung. Thli hi darker khatah 4.3-5.8a chak in chhaklam atanga tannin chhimlamah chuan hmarchhaklamah awileh in chhim lamah a tleh thlaleh a ni. Tun nithum chhung khan van ah chum hmuhtur a tam hle. Kartluana ruahtui tlingkhawm: 00.0mm

## General Advisory:

There will be possibility of light rainfall and temperature will be low upcoming five days. Farmers should take the following general measures. 1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation 5. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Tun atanga ninga (5) lo awmleh tur chhung hian ruahtui tlem a tlak rin a ni a, boruak pawh a dai deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur. 5. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlina thatak siam theih ni se.

## SMS Advisory:

To manage aphid, spray soap, neem oil, and narrow range oil solution around 10 AM or place Yellow sticky cards at regular interval.

Aphids ven nan sahbon tui emaw neem oil in zing dar 10 veleh phuh thin tur a ni, a khat mawi tawkin lehkhaw rawng eng tar bawh tur a ni.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this leaf blight disease spray aproach (Methoxy-acrylates) @ 2 g/li of water. 2. Crop rotation with legume. 3. Drainage should be maintain properly in heavy rainfall.
	1. Leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawh a kah tur a ni. 2. Thlai (Legume) ho nen chin pawh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siamtur.
FIELD PEA	1. Provide irrigation every 10 days interval. 2. Use straw mulch where irrigation is not possible. 3. Provide split doses of fertilizer in dry days.
	1. Ni 10 danah zel tui pek thin tur. 2. Tui pek na tur remchang a awmlh chuan, bulpawh leh bawngkhawro hmangin lei tih hnawm tur. 3. Leitha techu vawi khatah a vai a pe lo in, khaw ro ni a dose hrang hrang a pek tur.
SOYABEAN	1. Pods which are to be utilized as seeds should be harvested when the grains are almost dry or containing roughly 10% moisture. 2. Keep rodent traps in the field or take percussion measures from rodent infestation.
	1. A kum leh a a chi (seeds) atana hman tur a ruahman techu a rah a ro trep tih ah emaw 100 ah 10 vel moisture a awm tih ah seng thin tur. 2. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah ni se.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Harvest all the mature (Dark brown to light brown and light yellow) plants. 2. Don't leave the harvested rhizome of turmeric in the field. 3. Rhizome which will be used for sowing of next year should be kept and dry in shade place.
	1. A kung puitling tawh a rawng pawh a thim lam tanga buang emaw eng lampang tawh chu seng vek tur. 2. Aieng seng tawh sate chu field ah hnutchhiahloh tur. 3. Aieng zung a kumleh a chin tur a dah hrante chu hmunro leh hmunthimah dah that tur.
POTATO	1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation
	1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur.
CHILLI	1. Pullout and destroy infected plant and weeds. 2. Use neem based contact poison like to control many garden insects, like cucumber beetles, which are known to spread the disease. 3. High nitrogen fertilizers may increase susceptibility to the disease.
	1. Natna hrikpai hlobet/hnim awm zawng zawng phawichhuah vek thin tur. 2. Huan thlai ei thin rannung, cucumber beetles tih angchi natna thehdarh thin techu, neem atanga siam rannung thahna hlo hmang a tih rem thin tur. 3. Hman tur zat bituk ai baka fertilizer kan hman hian natna in a khawih awlsam duh bik a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
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Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Farmers should go for strict biosecurity measures to prevent the entrance of the disease and supplementation with the mineral mixture (Minerex and minonil) to avoid stress. 2. Provide dry bedding materials straw and gunny bag to livestock/poultry. 3. Keep the livestock house covered during winter but provide proper ventilation to avoid respiratory problem due to ammonia gas.
	1. Natna lo lut thei lak a venna tur ruahhmanna tha tak leh uluk zawk ran neitu ten kan siam tur a ni, chu mi rual chuan ran chau lutuk tur venna supplements (Minerex leh minonil) pek thin tur. 2. Ranin chhuatah an mut lumna turin buhpawl emaw buara emaw phah sak tur a ni. 3. Thalsik lai chuan ranin chu khuh vek thin tur, mahse boruak an thlakchham loh nan ventilation vel hawn sa a dah thin tur, boruak thalo laka an him theih nan.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Provide preventive dose of anti-coccidial drugs to poultry. 2. Ensure proper airflow in the coop. Vents should be placed in the roof of the coop where cold air does not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.
	1. Rulhut dona turin ar techu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusam a boruak a luhchhuah theihna turin siamtur. Boruak vawt a hlawma a luhloh na tur in ar-in chung ah a kua siamtur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tihzia nan ointment chikhat petroleum jelly tihchu hnawih thin tur.



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 28-01-2020

Weather Forecast of KOLASIB(Mizoram) Issued On : 2020-01-28(Valid Till 08:30 IST of the next 5 days)

Date (y-m-d)	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH I (%)	RH II (%)	Wind Speed (kmph)	Wind Direction (Degree)	cloud cover (Octa)
2020-01-29	0.0	17.0	10.0	81	35	3.3	112	0
2020-01-30	0.0	18.0	8.0	79	35	3.1	109	3
2020-01-31	8.0	17.0	8.0	99	53	2.0	150	6
2020-02-01	0.0	18.0	10.0	91	37	3.3	124	4
2020-02-02	0.0	18.0	10.0	59	27	3.4	248	5

## Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 20-23°C and 10-13°C. Maximum relative humidity was expected in the range of 86-98% and minimum from 72-85%. Wind direction was easterly to southeasterly with the wind speed of 4.1-6.2 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun nithum (3 days) chhung khan ruahtui a tla lo. Khua a lumlai ber in 20-23°C a ni a, a vawhlai ber erawhchuan 10-13°C a ni. Boruak hnawnlai berin 87-98% a nihlain a hullai erawhchuan 75-82% a nithung. Thli hi darker khatah 2.9-3.7 a chak in chhahlamatangataninchhimlamahchuanhnmarchhahklamahawileh in chhimlamah a tlehthlaleh a ni. Tun nithum chhung khan van ah chum hmuhtur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

## General Advisory:

There will be possibility of light rainfall and temperature will be low upcoming five days. Farmers should take the following general measures. 1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation 5. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Tun atanga ninga (5) lo awmleh tur chhung hian ruahtui tlem a tlak rin a ni a, boruak pawh a dai deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur. 5. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlina thatak siam theih ni se.

## SMS Advisory:

To manage aphid, spray soap, neem oil, and narrow range oil solution around 10 AM or place Yellow sticky cards at regular interval.

Aphids ven nan sahbon tui emaw neem oil in zing dar 10 veleh phuh thin tur a ni, a khat mawi tawkin lehkha rawng eng tar bawk tur a ni.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this leaf blight disease spray aproach (Methoxy-acrylates) @ 2 g/li of water. 2. Crop rotation with legume. 3. Drainage should be maintain properly in heavy rainfall.
	1. Leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawlh a kah tur a ni. 2. Thlai (Legume) ho nen chin pawlh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siamtur.
FIELD PEA	1. Provide irrigation every 10 days interval. 2. Use straw mulch where irrigation is not possible. 3. Provide split doses of fertilizer in dry days.
	1. Ni 10 danah zel tui pek thin tur. 2. Tui pek na tur remchang a awmlh chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 3. Leitha techu vawi khatah a vai a pe lo in, khaw ro ni a dose hrang hrang a pek tur.
SOYABEAN	1. Pods which are to be utilized as seeds should be harvested when the grains are almost dry or containing roughly 10% moisture. 2. Keep rodent traps in the field or take percussion measures from rodent infestation.
	1. A kum leh a a chi (seeds) atana hman tur a ruahman techu a rah a ro trep tih ah emaw 100 ah 10 vel moisture a awm tih ah seng thin tur. 2. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah ni se.

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Harvest all the mature (Dark brown to light brown and light yellow) plants. 2. Don't leave the harvested rhizome of turmeric in the field. 3. Rhizome which will be used for sowing of next year should be kept and dry in shade place.
	1. A kung puitling tawh a rawng pawh a thim lam tanga buang emaw eng lampang tawh chu seng vek tur. 2. Aieng seng tawh sate chu field ah hnutchhiahloh tur. 3. Aieng zung a kumleh a chin tur a dah hrante chu hmunro leh hmunthimah dah that tur.
POTATO	1. Intercultural operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day interval. 4. Use straw mulch for better soil water conservation
	1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chet ah nithei se. 2. Urea leh leitha petu adangte pawh vawikhatah a vai a pelo in, thlai chin azirin dose hrang hrang a pektur. 3. Ni 2-3 danah tui pek thin tur. 4. Lei chu a lo that zawk nan leh a lo hnawng that zawk nan buhpawl hmangin khuh thin tur.
CHILLI	1. Pullout and destroy infected plant and weeds. 2. Use neem based contact poison like to control many garden insects, like cucumber beetles, which are known to spread the disease. 3. High nitrogen fertilizers may increase susceptibility to the disease.
	1. Natna hrikpai hlobet/hnim awm zawng zawng phawichhuah vek thin tur. 2. Huan thlai ei thin rannung, cucumber beetles tih angchi natna thehdarh thin techu, neem atanga siam rannung thahna hlo hmang a tih rem thin tur. 3. Hman tur zat bituk ai baka fertilizer kan hman hian natna in a khawih awlsam duh bik a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
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Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Farmers should go for strict biosecurity measures to prevent the entrance of the disease and supplementation with the mineral mixture (Minerex and minonil) to avoid stress. 2. Provide dry bedding materials straw and gunny bag to livestock/poultry. 3. Keep the livestock house covered during winter but provide proper ventilation to avoid respiratory problem due to ammonia gas.
	1. Natna lo lut thei lak a venna tur ruahhmanna tha tak leh uluk zawk ran neitu ten kan siam tur a ni, chu mi rual chuan ran chau lutuk tur venna supplements (Minerex leh minonil) pek thin tur. 2. Ranin chhuatah an mut lumna turin buhpawl emaw buara emaw phah sak tur a ni. 3. Thalsik lai chuan ranin chu khuh vek thin tur, mahse boruak an thlakchham loh nan ventilation vel hawn sa a dah thin tur, boruak thalo laka an him theih nan.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Provide preventive dose of anti-coccidial drugs to poultry. 2. Ensure proper airflow in the coop. Vents should be placed in the roof of the coop where cold air does not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.
	1. Rulhut dona turin ar techu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusam a boruak a luhchhuah theihna turin siamtur. Boruak vawt a hlawma a luhloh na tur in ar-in chung ah a kua siamtur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tihzia nan ointment chikhat petroleum jelly tihchu hnawih thin tur.