



Gramin Krishi Mausam Sewa
India Meteorological Department
ICAR Complex Branch
Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-02-2020

Weather Forecast of LUNGLEI(Mizoram) Issued On : 2020-02-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-02-22 | 0.0 | 30.0 | 16.0 | 53 | 21 | 4.6 | 65 | 2 |
| 2020-02-23 | 0.0 | 30.0 | 14.0 | 52 | 16 | 4.6 | 79 | 2 |
| 2020-02-24 | 0.0 | 30.0 | 14.0 | 56 | 19 | 4.9 | 71 | 1 |
| 2020-02-25 | 0.0 | 31.0 | 15.0 | 65 | 22 | 4.3 | 68 | 4 |
| 2020-02-26 | 0.0 | 31.0 | 15.0 | 74 | 31 | 4.9 | 65 | 6 |

Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 22-24 C and 12-14 C. Maximum relative humidity was expected in the range of 86-96% and minimum from 65-75%. Wind direction was southeasterly with the wind speed of 3.2-3.6 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 22-24 C a ni a, a vawh lai ber erawh chuan 12-14 C a ni. Boruak hnawn lai berin 86-96% a nih laiin a hul lai erawh chuan 65-75% a ni thung. Thli hi darkar khatah 3.2-3.6 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

General Advisory:

There will be no possibility of 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. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops. 3. Manage the broom grass in the orchard. 4. Keep the livestock house covered during winter and provide more food than usual.

Tun atanga ninga (5) lo awmleh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlante hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bulhnaih chetah nithei se. 2. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se. 3. Huan a hmunphiah techu enkawl that tur. 4. Thlasik khawvawh lai in ranin techu thawmlum that tur, chuan chaw pawh a hma aitam pek ni bawh se.

SMS Advisory:

Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se.

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 maintained 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. Harvest when the pod have swelled and nearly cylindrical in shape. 2. Harvest when pod is wet during early morning or night to prevent seed shatter. |
| | 1. A rah a rawn puam leh bial deuh hnuah lawh tur a ni. 2. Zing emaw zanah a rah a hnawn laiin lawh tur, rah tla tur a veng. |
| 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 |
|--------------------------|--|
| 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 |
|----------------------|--|
| PIG | 1. Prevent the pigs from wandering about where they can feed on human faeces as preventive measure against tape worm. 2. Excretory product should be clear every day (hygiene and sanitation) 3. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. |
| | 1. Vawk techu rulhut laka kan venhimnan khawlaia mihring ek tih angreng ei lo tura ven that tur. 2. An ek te chu nitin tih fai ziah thin ni se. 3. Swine fever laka vennan vawknote thla thum tling tawh phawt chu chiu tir tur, chumi zawh ah an chakna turin annual booster dose hmangin enkawl chhunzawm lehngal tur. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICKEN | <p>1. Ensure proper ventilation in the poultry house even during cold season. 2. Inadequate ventilation of poultry houses results in a build-up of ammonia gas from poultry faeces, which contain urea. This can predispose the poultry to respiratory disorders, such as sneezing, running eyes and mucous discharges from the mouth. 3. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</p> |
| | <p>1. Thlasik lai pawh nise ar-inah chuan ventilation thatak a awm ngei ngei tur a ni. 2. Boruak chhuahna tur ventilation tha a awmloh chuan ar-ek atangin gas hrisello ammonia gas a insiam a, chu chuan urea a pai bawk. Hei hian an thawkna bawm a tikhawlo a, heng hahchiau, mittui tla leh ka atangin khak emaw tuihnang emaw te hi a chhuah in a thlen tir ta thin a ni. 3. An ek te chu nitin thlak a tihfai thin tur, tui thianghlim intur chu nitin a thar pek zel tur. Natna vei leh thi te chu lakbo nghal tur.</p> |



Gramin Krishi Mausam Sewa

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Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-02-2020

Weather Forecast of MAMIT(Mizoram) Issued On : 2020-02-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-02-22 | 0.0 | 27.0 | 16.0 | 70 | 24 | 3.5 | 112 | 4 |
| 2020-02-23 | 0.0 | 28.0 | 14.0 | 63 | 19 | 3.3 | 116 | 4 |
| 2020-02-24 | 0.0 | 28.0 | 14.0 | 64 | 24 | 3.5 | 112 | 1 |
| 2020-02-25 | 0.0 | 28.0 | 15.0 | 75 | 30 | 3.5 | 112 | 7 |
| 2020-02-26 | 0.0 | 28.0 | 15.0 | 73 | 44 | 2.9 | 105 | 8 |

Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 24-27 C and 14-17 C. Maximum relative humidity was expected in the range of 85-94% and minimum from 65-78%. Wind direction was southeasterly with the wind speed of 2.4-2.9 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 24-27 C a ni a, a vawh lai ber erawh chuan 14-17 C a ni. Boruak hnawn lai berin 85-94% a nih laiin a hul lai erawh chuan 65-78%.a ni thung. Thli hi darkar khatah 2.4-2.9 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

General Advisory:

There will be no possibility of 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. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops. 3. Manage the broom grass in the orchard. 4. Keep the livestock house covered during winter and provide more food than usual.

Tun atanga ninga (5) lo awmleh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlante hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhha kan tihfai reng reng in thlai kung bulhnaih chetah nithei se. 2. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se. 3. Huan a hmunphiah techu enkawl that tur. 4. Thlasik khawvawh lai in ranin techu thawmlum that tur, chuan chaw pawh a hma aitam pek ni bawh se.

SMS Advisory:

Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se.

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 maintained 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. Harvest when the pod have swelled and nearly cylindrical in shape. 2. Harvest when pod is wet during early morning or night to prevent seed shatter. |
| | 1. A rah a rawn puam leh bial deuh hnuah lawh tur a ni. 2. Zing emaw zanah a rah a hnawn laiin lawh tur, rah tla tur a veng. |
| 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 |
|--------------------------|--|
| 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 |
|----------------------|--|
| PIG | 1. Prevent the pigs from wandering about where they can feed on human faeces as preventive measure against tape worm. 2. Excretory product should be clear every day (hygiene and sanitation) 3. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. |
| | 1. Vawk techu rulhut laka kan venhimnan khawlaia mihring ek tih angreng ei lo tura ven that tur. 2. An ek te chu nitin tih fai ziah thin ni se. 3. Swine fever laka vennan vawknote thla thum tling tawh phawt chu chiu tir tur, chumi zawh ah an chakna turin annual booster dose hmangin enkawl chhunzawm lehngal tur. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICKEN | <p>1. Ensure proper ventilation in the poultry house even during cold season. 2. Inadequate ventilation of poultry houses results in a build-up of ammonia gas from poultry faeces, which contain urea. This can predispose the poultry to respiratory disorders, such as sneezing, running eyes and mucous discharges from the mouth. 3. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</p> |
| | <p>1. Thlasik lai pawh nise ar-inah chuan ventilation thatak a awm ngei ngei tur a ni. 2. Boruak chhuahna tur ventilation tha a awmloh chuan ar-ek atangin gas hrisello ammonia gas a insiam a, chu chuan urea a pai bawk. Hei hian an thawkna bawm a tikhawlo a, heng hahchiau, mittui tla leh ka atangin khak emaw tuihnang emaw te hi a chhuah in a thlen tir ta thin a ni. 3. An ek te chu nitin thlak a tihfai thin tur, tui thianghlim intur chu nitin a thar pek zel tur. Natna vei leh thi te chu lakbo nghal tur.</p> |



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Agromet Advisory Bulletin

Date : 21-02-2020

Weather Forecast of SAIHA(Mizoram) Issued On : 2020-02-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-02-22 | 0.0 | 27.0 | 16.0 | 42 | 17 | 4.5 | 71 | 2 |
| 2020-02-23 | 0.0 | 28.0 | 14.0 | 48 | 18 | 5.7 | 112 | 1 |
| 2020-02-24 | 0.0 | 28.0 | 14.0 | 51 | 21 | 5.3 | 112 | 1 |
| 2020-02-25 | 0.0 | 28.0 | 15.0 | 52 | 16 | 4.4 | 64 | 3 |
| 2020-02-26 | 0.0 | 28.0 | 15.0 | 70 | 22 | 4.9 | 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 12-14 C. Maximum relative humidity was expected in the range of 84-96% and minimum from 62-75%. Wind direction was easterly to southeasterly with the wind speed of 3.4-4.6 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 21-23 C a ni a, a vawh lai ber erawh chuan 12-14 C a ni. Boruak hnawn lai berin 84-96% a nih laiin a hul lai erawh chuan 62-75% a ni thung. Thli hi darkar khatah 3.4-4.6 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

General Advisory:

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SMS Advisory:

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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 maintained properly in heavy rainfall. |
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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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Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|--|
| 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. |
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| 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. |
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Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--|
| PIG | 1. Prevent the pigs from wandering about where they can feed on human faeces as preventive measure against tape worm. 2. Excretory product should be clear every day (hygiene and sanitation) 3. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. |
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Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
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| CHICKEN | <p>1. Ensure proper ventilation in the poultry house even during cold season. 2. Inadequate ventilation of poultry houses results in a build-up of ammonia gas from poultry faeces, which contain urea. This can predispose the poultry to respiratory disorders, such as sneezing, running eyes and mucous discharges from the mouth. 3. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</p> |
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Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-02-2020

Weather Forecast of SERCHHIP(Mizoram) Issued On : 2020-02-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
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| 2020-02-26 | 0.0 | 28.0 | 15.0 | 80 | 37 | 4.4 | 75 | 7 |

Weather Summary/Alert:

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General Advisory:

There will be no possibility of 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. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops. 3. Manage the broom grass in the orchard. 4. Keep the livestock house covered during winter and provide more food than usual.

Tun atanga ninga (5) lo awmleh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlante hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhha kan tihfai reng reng in thlai kung bulhnaih chetah nithei se. 2. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se. 3. Huan a hmunphiah techu enkawl that tur. 4. Thlasik khawvawh lai in ranin techu thawmlum that tur, chuan chaw pawh a hma aitam pek ni bawh se.

SMS Advisory:

Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se.

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 maintained 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. Harvest when the pod have swelled and nearly cylindrical in shape. 2. Harvest when pod is wet during early morning or night to prevent seed shatter. |
| | 1. A rah a rawn puam leh bial deuh hnuah lawh tur a ni. 2. Zing emaw zanah a rah a hnawn laiin lawh tur, rah tla tur a veng. |
| 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 |
|--------------------------|--|
| 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 |
|----------------------|--|
| PIG | 1. Prevent the pigs from wandering about where they can feed on human faeces as preventive measure against tape worm. 2. Excretory product should be clear every day (hygiene and sanitation) 3. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. |
| | 1. Vawk techu rulhut laka kan venhimnan khawlaia mihring ek tih angreng ei lo tura ven that tur. 2. An ek te chu nitin tih fai ziah thin ni se. 3. Swine fever laka vennan vawknote thla thum tling tawh phawt chu chiu tir tur, chumi zawh ah an chakna turin annual booster dose hmangin enkawl chhunzawm lehngal tur. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICKEN | <p>1. Ensure proper ventilation in the poultry house even during cold season. 2. Inadequate ventilation of poultry houses results in a build-up of ammonia gas from poultry faeces, which contain urea. This can predispose the poultry to respiratory disorders, such as sneezing, running eyes and mucous discharges from the mouth. 3. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</p> |
| | <p>1. Thlasik lai pawh nise ar-inah chuan ventilation thatak a awm ngei ngei tur a ni. 2. Boruak chhuahna tur ventilation tha a awmloh chuan ar-ek atangin gas hrisello ammonia gas a insiam a, chu chuan urea a pai bawk. Hei hian an thawkna bawm a tikhawlo a, heng hahchiau, mittui tla leh ka atangin khak emaw tuihnang emaw te hi a chhuah in a thlen tir ta thin a ni. 3. An ek te chu nitin thlak a tihfai thin tur, tui thianghlim intur chu nitin a thar pek zel tur. Natna vei leh thi te chu lakbo nghal tur.</p> |



Gramin Krishi Mausam Sewa
India Meteorological Department
ICAR Complex Branch
Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-02-2020

Weather Forecast of AIZAWL(Mizoram) Issued On : 2020-02-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-02-22 | 0.0 | 27.0 | 16.0 | 66 | 24 | 3.6 | 112 | 3 |
| 2020-02-23 | 0.0 | 28.0 | 14.0 | 55 | 17 | 3.7 | 112 | 4 |
| 2020-02-24 | 0.0 | 28.0 | 14.0 | 59 | 20 | 4.1 | 112 | 1 |
| 2020-02-25 | 0.0 | 28.0 | 15.0 | 76 | 29 | 4.0 | 105 | 6 |
| 2020-02-26 | 0.0 | 28.0 | 15.0 | 77 | 45 | 3.5 | 110 | 7 |

Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 23-25 C and 10-12 C. Maximum relative humidity was expected in the range of 84-91% and minimum from 61-76%. Wind direction was southeasterly with the wind speed of 2.9-3.5 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 23-25 C a ni a, a vawh lai ber erawh chuan 10-12 C a ni. Boruak hnawn lai berin 84-91% a nih laiin a hul lai erawh chuan 61-76% a ni thung. Thli hi darkar khatah 2.9-3.5 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

General Advisory:

There will be no possibility of 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. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops. 3. Manage the broom grass in the orchard. 4. Keep the livestock house covered during winter and provide more food than usual.

Tun atanga ninga (5) lo awmleh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlante hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chetah nithei se. 2. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se. 3. Huan a hmunphiah techu enkawl that tur. 4. Thlasik khawvawh lai in ranin techu thawmlum that tur, chuan chaw pawh a hma aitam pek ni bawh se.

SMS Advisory:

Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se.

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 maintained 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. Harvest when the pod have swelled and nearly cylindrical in shape. 2. Harvest when pod is wet during early morning or night to prevent seed shatter. |
| | 1. A rah a rawn puam leh bial deuh hnuah lawh tur a ni. 2. Zing emaw zanah a rah a hnawn laiin lawh tur, rah tla tur a veng. |
| 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 |
|--------------------------|--|
| 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 |
|----------------------|--|
| PIG | 1. Prevent the pigs from wandering about where they can feed on human faeces as preventive measure against tape worm. 2. Excretory product should be clear every day (hygiene and sanitation) 3. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. |
| | 1. Vawk techu rulhut laka kan venhimnan khawlaia mihring ek tih angreng ei lo tura ven that tur. 2. An ek te chu nitin tih fai ziah thin ni se. 3. Swine fever laka vennan vawknote thla thum tling tawh phawt chu chiu tir tur, chumi zawh ah an chakna turin annual booster dose hmangin enkawl chhunzawm lehngal tur. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICKEN | <p>1. Ensure proper ventilation in the poultry house even during cold season. 2. Inadequate ventilation of poultry houses results in a build-up of ammonia gas from poultry faeces, which contain urea. This can predispose the poultry to respiratory disorders, such as sneezing, running eyes and mucous discharges from the mouth. 3. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</p> |
| | <p>1. Thlasik lai pawh nise ar-inah chuan ventilation thatak a awm ngei ngei tur a ni. 2. Boruak chhuahna tur ventilation tha a awmloh chuan ar-ek atangin gas hrisello ammonia gas a insiam a, chu chuan urea a pai bawk. Hei hian an thawkna bawm a tikhawlo a, heng hahchiau, mittui tla leh ka atangin khak emaw tuihnang emaw te hi a chhuah in a thlen tir ta thin a ni. 3. An ek te chu nitin thlak a tihfai thin tur, tui thianghlim intur chu nitin a thar pek zel tur. Natna vei leh thi te chu lakbo nghal tur.</p> |



Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-02-2020

Weather Forecast of CHAMPHAI(Mizoram) Issued On : 2020-02-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-02-22 | 0.0 | 27.0 | 16.0 | 65 | 18 | 4.2 | 116 | 3 |
| 2020-02-23 | 0.0 | 28.0 | 14.0 | 52 | 13 | 6.5 | 112 | 3 |
| 2020-02-24 | 0.0 | 28.0 | 14.0 | 55 | 20 | 6.2 | 112 | 1 |
| 2020-02-25 | 0.0 | 28.0 | 15.0 | 70 | 24 | 4.8 | 101 | 5 |
| 2020-02-26 | 0.0 | 28.0 | 15.0 | 83 | 27 | 4.0 | 101 | 7 |

Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 22-24 C and 12-13 C. Maximum relative humidity was expected in the range of 89-97% and minimum from 68-78%. Wind direction was southeasterly with the wind speed of 2.4-3.6 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 22-24 C a ni a, a vawh lai ber erawh chuan 12-13 C a ni. Boruak hnawn lai berin 89-97% a nih laiin a hul lai erawh chuan 68-78% a ni thung. Thli hi darkar khatah 2.4-3.6 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

General Advisory:

There will be no possibility of 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. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops. 3. Manage the broom grass in the orchard. 4. Keep the livestock house covered during winter and provide more food than usual.

Tun atanga ninga (5) lo awmleh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlante hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chetah nithei se. 2. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se. 3. Huan a hmunphiah techu enkawl that tur. 4. Thlasik khawvawh lai in ranin techu thawmlum that tur, chuan chaw pawh a hma aitam pek ni bawh se.

SMS Advisory:

Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se.

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 maintained 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. Harvest when the pod have swelled and nearly cylindrical in shape. 2. Harvest when pod is wet during early morning or night to prevent seed shatter. |
| | 1. A rah a rawn puam leh bial deuh hnuah lawh tur a ni. 2. Zing emaw zanah a rah a hnawn laiin lawh tur, rah tla tur a veng. |
| 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 |
|--------------------------|--|
| 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 |
|----------------------|--|
| PIG | 1. Prevent the pigs from wandering about where they can feed on human faeces as preventive measure against tape worm. 2. Excretory product should be clear every day (hygiene and sanitation) 3. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. |
| | 1. Vawk techu rulhut laka kan venhimnan khawlaia mihring ek tih angreng ei lo tura ven that tur. 2. An ek te chu nitin tih fai ziah thin ni se. 3. Swine fever laka vennan vawknote thla thum tling tawh phawt chu chiu tir tur, chumi zawh ah an chakna turin annual booster dose hmangin enkawl chhunzawm lehngal tur. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICKEN | <p>1. Ensure proper ventilation in the poultry house even during cold season. 2. Inadequate ventilation of poultry houses results in a build-up of ammonia gas from poultry faeces, which contain urea. This can predispose the poultry to respiratory disorders, such as sneezing, running eyes and mucous discharges from the mouth. 3. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</p> |
| | <p>1. Thlasik lai pawh nise ar-inah chuan ventilation thatak a awm ngei ngei tur a ni. 2. Boruak chhuahna tur ventilation tha a awmloh chuan ar-ek atangin gas hrisello ammonia gas a insiam a, chu chuan urea a pai bawk. Hei hian an thawkna bawm a tikhawlo a, heng hahchiau, mittui tla leh ka atangin khak emaw tuihnang emaw te hi a chhuah in a thlen tir ta thin a ni. 3. An ek te chu nitin thlak a tihfai thin tur, tui thianghlim intur chu nitin a thar pek zel tur. Natna vei leh thi te chu lakbo nghal tur.</p> |



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India Meteorological Department
ICAR Complex Branch
Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-02-2020

Weather Forecast of KOLASIB(Mizoram) Issued On : 2020-02-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-02-22 | 0.0 | 30.0 | 16.0 | 73 | 27 | 3.2 | 135 | 4 |
| 2020-02-23 | 0.0 | 30.0 | 16.0 | 64 | 25 | 3.4 | 112 | 5 |
| 2020-02-24 | 0.0 | 30.0 | 16.0 | 72 | 26 | 3.5 | 116 | 2 |
| 2020-02-25 | 1.0 | 31.0 | 15.0 | 89 | 31 | 3.8 | 101 | 8 |
| 2020-02-26 | 0.0 | 31.0 | 15.0 | 78 | 40 | 2.8 | 117 | 7 |

Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 23-25 C and 13-15 C. Maximum relative humidity was expected in the range of 84-95% and minimum from 67-78%. Wind direction was easterly to southeasterly with the wind speed of 3.2-4.5 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 23-25 C a ni a, a vawh lai ber erawh chuan 13-15 C a ni. Boruak hnawn lai berin 84-95% a nih laiin a hul lai erawh chuan 67-78% a ni thung. Thli hi darkar khatah 3.2-4.5 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

General Advisory:

There will be no possibility of 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. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops. 3. Manage the broom grass in the orchard. 4. Keep the livestock house covered during winter and provide more food than usual.

Tun atanga ninga (5) lo awmleh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlante hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chetah nithei se. 2. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se. 3. Huan a hmunphiah techu enkawl that tur. 4. Thlasik khawvawh lai in ranin techu thawmlum that tur, chuan chaw pawh a hma aitam pek ni bawh se.

SMS Advisory:

Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se.

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 maintained 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. Harvest when the pod have swelled and nearly cylindrical in shape. 2. Harvest when pod is wet during early morning or night to prevent seed shatter. |
| | 1. A rah a rawn puam leh bial deuh hnuah lawh tur a ni. 2. Zing emaw zanah a rah a hnawn laiin lawh tur, rah tla tur a veng. |
| 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 |
|--------------------------|--|
| 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. 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. |
| 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 |
|----------------------|--|
| PIG | 1. Prevent the pigs from wandering about where they can feed on human faeces as preventive measure against tape worm. 2. Excretory product should be clear every day (hygiene and sanitation) 3. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. |
| | 1. Vawk techu rulhut laka kan venhimnan khawlaia mihring ek tih angreng ei lo tura ven that tur. 2. An ek te chu nitin tih fai ziah thin ni se. 3. Swine fever laka vennan vawknote thla thum tling tawh phawt chu chiu tir tur, chumi zawh ah an chakna turin annual booster dose hmangin enkawl chhunzawm lehngal tur. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|--|
| CHICKEN | <p>1. Ensure proper ventilation in the poultry house even during cold season. 2. Inadequate ventilation of poultry houses results in a build-up of ammonia gas from poultry faeces, which contain urea. This can predispose the poultry to respiratory disorders, such as sneezing, running eyes and mucous discharges from the mouth. 3. Litter should be changed periodically and provide clean drinking water and change the water every day. Diseased and dead birds should be immediately removed.</p> |
| | <p>1. Thlasik lai pawh nise ar-inah chuan ventilation thatak a awm ngei ngei tur a ni. 2. Boruak chhuahna tur ventilation tha a awmloh chuan ar-ek atangin gas hrisello ammonia gas a insiam a, chu chuan urea a pai bawk. Hei hian an thawkna bawm a tikhawlo a, heng hahchiau, mittui tla leh ka atangin khak emaw tuihnang emaw te hi a chhuah in a thlen tir ta thin a ni. 3. An ek te chu nitin thlak a tihfai thin tur, tui thianghlim intur chu nitin a thar pek zel tur. Natna vei leh thi te chu lakbo nghal tur.</p> |



Gramin Krishi Mausam Sewa
India Meteorological Department
ICAR Complex Branch
Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-02-2020

Weather Forecast of LAWNGTLAI(Mizoram) Issued On : 2020-02-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-02-22 | 0.0 | 27.0 | 16.0 | 44 | 18 | 4.4 | 68 | 1 |
| 2020-02-23 | 0.0 | 28.0 | 14.0 | 48 | 17 | 5.0 | 90 | 1 |
| 2020-02-24 | 0.0 | 28.0 | 14.0 | 52 | 20 | 5.0 | 79 | 1 |
| 2020-02-25 | 0.0 | 28.0 | 15.0 | 56 | 17 | 4.2 | 68 | 2 |
| 2020-02-26 | 0.0 | 28.0 | 15.0 | 70 | 25 | 4.8 | 64 | 3 |

Weather Summary/Alert:

No rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 22-24 C and 12-15 C. Maximum relative humidity was expected in the range of 88-94% and minimum from 61-76%. Wind direction was southeasterly to easterly with the wind speed of 3.4-4.6 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 00.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 22-24 C a ni a, a vawh lai ber erawh chuan 12-15 C a ni. Boruak hnawn lai berin 88-94% a nih laiin a hul lai erawh chuan 61-76% a ni thung. Thli hi darkar khatah 3.4-4.6 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 00.0 mm

General Advisory:

There will be no possibility of 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. Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops. 3. Manage the broom grass in the orchard. 4. Keep the livestock house covered during winter and provide more food than usual.

Tun atanga ninga (5) lo awmleh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlante hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhmma kan tihfai reng reng in thlai kung bulhnaih chetah nithei se. 2. Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se. 3. Huan a hmunphiah techu enkawl that tur. 4. Thlasik khawvawh lai in ranin techu thawmlum that tur, chuan chaw pawh a hma aitam pek ni bawh se.

SMS Advisory:

Follow suitable soil water conservation technique in the field and ensure secondary source of irrigation for vegetable crops.

Huan a thlai ten an mamawh huna pek theih mai turin ruahtui emaw tui emaw dahkhawlna tha tak siamtheih ni se.

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 maintained 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. Harvest when the pod have swelled and nearly cylindrical in shape. 2. Harvest when pod is wet during early morning or night to prevent seed shatter. |
| | 1. A rah a rawn puam leh bial deuh hnuah lawh tur a ni. 2. Zing emaw zanah a rah a hnawn laiin lawh tur, rah tla tur a veng. |
| 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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| 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. |
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