



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



Agromet Advisory Bulletin

Date : 21-01-2020

Weather Forecast of LUNGLEI(Mizoram) Issued On : 2020-01-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-01-22 | 0.0 | 22.0 | 10.0 | 76 | 32 | 4.3 | 65 | 0 |
| 2020-01-23 | 0.0 | 22.0 | 11.0 | 64 | 21 | 4.3 | 68 | 0 |
| 2020-01-24 | 0.0 | 23.0 | 11.0 | 69 | 19 | 4.5 | 70 | 1 |
| 2020-01-25 | 0.0 | 23.0 | 11.0 | 68 | 22 | 4.6 | 70 | 2 |
| 2020-01-26 | 0.0 | 24.0 | 12.0 | 57 | 19 | 4.5 | 70 | 0 |

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 ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 21-24 C a ni a, a vawh lai ber erawh chuan 11-13 C a ni. Boruak hnawn lai berin 91-97% a nih laiin a hul lai erawh chuan 70-82% a ni thung. Thli hi darkar khatah 3.8-4.8 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. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation

Tun atanga ni nga (5) lo awm leh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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.

SMS Advisory:

Training and pruning program must be done to control pests and diseases in the citrus orchard after harvesting.

Ser rah techu seng annih hnu in rannung eichhetu leh natna awmthei laka vennis training (thei zar leh kung enkawl) leh pruning (a peng pail thawl) tih thin tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| MAIZE | 1. Drainage should be maintain properly 2. Surface must cover with legume crop and vegetable crops like pumpkin and cucumber for conserving soil moisture. 3. Provide irrigation every three days interval. 4. Use straw mulch where irrigation is not possible. 5. Provide split doses of fertilizer in dry days. |
| | 1. Tuitling paihchhuahna tha taka siam tur 2. Thlai (Legume) kawm neia rah chi enter nan maite leh fanghmate chingin lei chunglang chu tih hnawm theih. 3. Ni thum danah zel tui a chawm ziah tur. 4. Tui pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 5. Ruahtui tling paihchhuahna tur tha taka siam tur |
| MUSTARD | 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 pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 3. Ruahtui tling paihchhuahna tur tha taka siam 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 sa techu field ah hnutchhiahloh tur. 3. Aieng zung a kum leh a chin tur a dah hran techu hmun ro leh hmun thimah dah that tur. |
| POTATO | 1. Intercultural operation should be done near to the base of the plant. 2. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation |
| | 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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 hrik pai hlobet/hnim awm zawng zawng phawi chhuah vek thin tur. 2. Huan thlai ei thin rannung, natna theh darh thin te chu, rannung thahna hlo hmang a tih rem thin tur. 3. Natna lo awm tur ven nan lei tha hman uar sauh sauh tur. |

Livestock Specific Advisory:

| 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 |

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--|
| | 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 | <p>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 dose not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.</p> <p>1. Rulhut dona turin ar te chu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusama boruak a luh chhuah theihna turin siam tur. Boruak vawt a hlawma a luh lohna tur in ar-in chung ah a kua siam tur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tih zia nan ointment chikhat petroleum jelly tih chu hnawih thin tur.</p> |



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Agromet Advisory Bulletin

Date : 21-01-2020

Weather Forecast of SAIHA(Mizoram) Issued On : 2020-01-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-01-22 | 0.0 | 20.0 | 8.0 | 68 | 31 | 4.2 | 60 | 0 |
| 2020-01-23 | 0.0 | 20.0 | 9.0 | 52 | 18 | 4.4 | 68 | 0 |
| 2020-01-24 | 0.0 | 21.0 | 9.0 | 60 | 17 | 4.6 | 75 | 1 |
| 2020-01-25 | 0.0 | 21.0 | 9.0 | 56 | 24 | 4.5 | 90 | 1 |
| 2020-01-26 | 0.0 | 22.0 | 10.0 | 47 | 17 | 4.3 | 68 | 0 |

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

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 18-22 C a ni a, a vawh lai ber erawh chuan 08-11 C a ni. Boruak hnawn lai berin 88-96% a nih lain a hul lai erawh chuan 75-83% a ni thung. Thli hi darkar khatah 4.3-5.9 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. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation

Tun atanga ni nga (5) lo awm leh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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.

SMS Advisory:

Training and pruning program must be done to control pests and diseases in the citrus orchard after harvesting.

Ser rah techu seng annih hnu in rannung eichhetu leh natna awmthei laka vennis training (thei zar leh kung enkawl) leh pruning (a peng pail thawl) tih thin tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| MAIZE | 1. Drainage should be maintain properly 2. Surface must cover with legume crop and vegetable crops like pumpkin and cucumber for conserving soil moisture. 3. Provide irrigation every three days interval. 4. Use straw mulch where irrigation is not possible. 5. Provide split doses of fertilizer in dry days. |
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| MUSTARD | 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 pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 3. Ruahtui tling paihchhuahna tur tha taka siam 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. |
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| POTATO | 1. Intercultural operation should be done near to the base of the plant. 2. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 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. |
| | 1. Natna hrik pai hlobet/hnim awm zawng zawng phawi chhuah vek thin tur. 2. Huan thlai ei thin rannung, natna theh darh thin te chu, rannung thahna hlo hmang a tih rem thin tur. 3. Natna lo awm tur ven nan lei tha hman uar sauh sauh tur. |

Livestock Specific Advisory:

| 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 |

| Livestock(Varieties) | Livestock Specific Advisory |
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| | 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 | <p>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 dose not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.</p> <p>1. Rulhut dona turin ar te chu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusama boruak a luh chhuah theihna turin siam tur. Boruak vawt a hlawma a luh lohna tur in ar-in chung ah a kua siam tur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tih zia nan ointment chikhat petroleum jelly tih chu hnawih thin tur.</p> |



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Agromet Advisory Bulletin

Date : 21-01-2020

Weather Forecast of SERCHHIP(Mizoram) Issued On : 2020-01-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-01-22 | 0.0 | 20.0 | 8.0 | 78 | 32 | 3.8 | 71 | 1 |
| 2020-01-23 | 0.0 | 20.0 | 9.0 | 67 | 19 | 4.0 | 71 | 0 |
| 2020-01-24 | 0.0 | 21.0 | 9.0 | 78 | 20 | 4.3 | 109 | 1 |
| 2020-01-25 | 0.0 | 21.0 | 9.0 | 70 | 21 | 4.9 | 101 | 1 |
| 2020-01-26 | 0.0 | 22.0 | 10.0 | 61 | 21 | 3.9 | 71 | 0 |

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 ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber 21-23 C a ni a, a vawh lai ber erawh chuan 08-13 C a ni. Boruak hnawn lai berin 91-99% a nih laiin a hul lai erawh chuan 72-88% a ni thung. Thli hi darkar khatah 2.6-3.4 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. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation

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SMS Advisory:

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Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
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| MAIZE | 1. Drainage should be maintain properly 2. Surface must cover with legume crop and vegetable crops like pumpkin and cucumber for conserving soil moisture. 3. Provide irrigation every three days interval. 4. Use straw mulch where irrigation is not possible. 5. Provide split doses of fertilizer in dry days. |
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| MUSTARD | 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 pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 3. Ruahtui tling paihchhuahna tur tha taka siam 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. |
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Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
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| 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. |
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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. |
| | 1. Natna hrik pai hlobet/hnim awm zawng zawng phawi chhuah vek thin tur. 2. Huan thlai ei thin rannung, natna theh darh thin te chu, rannung thahna hlo hmang a tih rem thin tur. 3. Natna lo awm tur ven nan lei tha hman uar sauh sauh tur. |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
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| 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 |

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Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---|
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Agromet Advisory Bulletin

Date : 21-01-2020

Weather Forecast of AIZAWL(Mizoram) Issued On : 2020-01-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-01-22 | 0.0 | 20.0 | 8.0 | 81 | 30 | 3.6 | 112 | 1 |
| 2020-01-23 | 0.0 | 20.0 | 9.0 | 64 | 21 | 4.1 | 116 | 0 |
| 2020-01-24 | 0.0 | 21.0 | 9.0 | 71 | 20 | 4.7 | 150 | 1 |
| 2020-01-25 | 0.0 | 21.0 | 9.0 | 66 | 23 | 4.7 | 116 | 0 |
| 2020-01-26 | 0.0 | 22.0 | 10.0 | 56 | 22 | 4.2 | 120 | 0 |

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 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 11-13 C a ni. Boruak hnawn lai berin 86-98% a nih lain a hul lai erawh chuan 78-91% a ni thung. Thli hi darkar khatah 4.5-5.1 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. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation

Tun atanga ni nga (5) lo awm leh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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.

SMS Advisory:

Training and pruning program must be done to control pests and diseases in the citrus orchard after harvesting.

Ser rah techu seng annih hnu in rannung eichhetu leh natna awmthei laka vennis training (thei zar leh kung enkawl) leh pruning (a peng paih thawl) tih thin tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| MAIZE | 1. Drainage should be maintain properly 2. Surface must cover with legume crop and vegetable crops like pumpkin and cucumber for conserving soil moisture. 3. Provide irrigation every three days interval. 4. Use straw mulch where irrigation is not possible. 5. Provide split doses of fertilizer in dry days. |
| | 1. Tuitling paihchhuahna tha taka siam tur 2. Thlai (Legume) kawm neia rah chi enter nan maite leh fanghmate chingin lei chunglang chu tih hnawm theih. 3. Ni thum danah zel tui a chawm ziah tur. 4. Tui pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 5. Ruahtui tling paihchhuahna tur tha taka siam tur |
| MUSTARD | 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 pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 3. Ruahtui tling paihchhuahna tur tha taka siam 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 sa techu field ah hnutchhiahloh tur. 3. Aieng zung a kum leh a chin tur a dah hran techu hmun ro leh hmun thimah dah that tur. |
| POTATO | 1. Intercultural operation should be done near to the base of the plant. 2. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation |
| | 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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 hrik pai hlobet/hnim awm zawng zawng phawi chhuah vek thin tur. 2. Huan thlai ei thin rannung, natna theh darh thin te chu, rannung thahna hlo hmang a tih rem thin tur. 3. Natna lo awm tur ven nan lei tha hman uar sauh sauh tur. |

Livestock Specific Advisory:

| 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 |

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| | 1. Natna lo lut thei lak a venna tur ruahhmantha 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 | <p>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 dose not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.</p> <p>1. Rulhut dona turin ar te chu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusama boruak a luh chhuah theihna turin siam tur. Boruak vawt a hlawma a luh lohna tur in ar-in chung ah a kua siam tur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tih zia nan ointment chikhat petroleum jelly tih chu hnawih thin tur.</p> |



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



Agromet Advisory Bulletin

Date : 21-01-2020

Weather Forecast of CHAMPHAI(Mizoram) Issued On : 2020-01-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-01-22 | 0.0 | 20.0 | 8.0 | 67 | 31 | 4.0 | 112 | 0 |
| 2020-01-23 | 0.0 | 20.0 | 9.0 | 60 | 17 | 4.3 | 112 | 0 |
| 2020-01-24 | 0.0 | 21.0 | 9.0 | 80 | 21 | 5.0 | 165 | 1 |
| 2020-01-25 | 0.0 | 21.0 | 9.0 | 70 | 23 | 5.1 | 116 | 0 |
| 2020-01-26 | 0.0 | 22.0 | 10.0 | 57 | 20 | 3.9 | 112 | 0 |

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 ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 19-22 C a ni a, a vawh lai ber erawh chuan 10-13 C a ni. Boruak hnawn lai berin 89-99% a nih lain a hul lai erawh chuan 73-88% a ni thung. Thli hi darkar khatah 4.3-5.8 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. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation

Tun atanga ni nga (5) lo awm leh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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.

SMS Advisory:

Training and pruning program must be done to control pests and diseases in the citrus orchard after harvesting.

Ser rah techu seng annih hnu in rannung eichhetu leh natna awmthei laka vennis training (thei zar leh kung enkawl) leh pruning (a peng pail thawl) tih thin tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| MAIZE | 1. Drainage should be maintain properly 2. Surface must cover with legume crop and vegetable crops like pumpkin and cucumber for conserving soil moisture. 3. Provide irrigation every three days interval. 4. Use straw mulch where irrigation is not possible. 5. Provide split doses of fertilizer in dry days. |
| | 1. Tuitling paihchhuahna tha taka siam tur 2. Thlai (Legume) kawm neia rah chi enter nan maite leh fanghmate chingin lei chunglang chu tih hnawm theih. 3. Ni thum danah zel tui a chawm ziah tur. 4. Tui pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 5. Ruahtui tling paihchhuahna tur tha taka siam tur |
| MUSTARD | 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 pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 3. Ruahtui tling paihchhuahna tur tha taka siam 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 sa techu field ah hnutchhiahloh tur. 3. Aieng zung a kum leh a chin tur a dah hran techu hmun ro leh hmun thimah dah that tur. |
| POTATO | 1. Intercultural operation should be done near to the base of the plant. 2. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation |
| | 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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 hrik pai hlobet/hnim awm zawng zawng phawi chhuah vek thin tur. 2. Huan thlai ei thin rannung, natna theh darh thin te chu, rannung thahna hlo hmang a tih rem thin tur. 3. Natna lo awm tur ven nan lei tha hman uar sauh sauh tur. |

Livestock Specific Advisory:

| 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 |

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|---|
| | 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 vennis 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 dose not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold. |
| | 1. Rulhut dona turin ar te chu invennis rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusama boruak a luh chhuah theihna turin siam tur. Boruak vawt a hlawma a luh lohna tur in ar-in chung ah a kua siam tur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tih zia nan ointment chikhat petroleum jelly tih chu hnawih thin tur. |



Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-01-2020

Weather Forecast of KOLASIB(Mizoram) Issued On : 2020-01-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-01-22 | 0.0 | 22.0 | 12.0 | 95 | 36 | 3.3 | 112 | 1 |
| 2020-01-23 | 0.0 | 22.0 | 13.0 | 75 | 29 | 3.4 | 124 | 0 |
| 2020-01-24 | 0.0 | 23.0 | 13.0 | 73 | 27 | 4.0 | 150 | 1 |
| 2020-01-25 | 0.0 | 23.0 | 13.0 | 75 | 28 | 4.1 | 116 | 0 |
| 2020-01-26 | 0.0 | 24.0 | 14.0 | 66 | 26 | 2.8 | 120 | 0 |

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 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 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 87-98% a nih laiin a hul lai erawh chuan 75-82% a ni thung. Thli hi darkar khatah 2.9-3.7 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. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation

Tun atanga ni nga (5) lo awm leh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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.

SMS Advisory:

Training and pruning program must be done to control pests and diseases in the citrus orchard after harvesting.

Ser rah techu seng annih hnu in rannung eichhetu leh natna awmthei laka vennis training (thei zar leh kung enkawl) leh pruning (a peng paih thawl) tih thin tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| MAIZE | 1. Drainage should be maintain properly 2. Surface must cover with legume crop and vegetable crops like pumpkin and cucumber for conserving soil moisture. 3. Provide irrigation every three days interval. 4. Use straw mulch where irrigation is not possible. 5. Provide split doses of fertilizer in dry days. |
| | 1. Tuitling paihchhuahna tha taka siam tur 2. Thlai (Legume) kawm neia rah chi enter nan maite leh fanghmate chingin lei chunglang chu tih hnawm theih. 3. Ni thum danah zel tui a chawm ziah tur. 4. Tui pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 5. Ruahtui tling paihchhuahna tur tha taka siam tur |
| MUSTARD | 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 pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 3. Ruahtui tling paihchhuahna tur tha taka siam 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 sa techu field ah hnutchhiahloh tur. 3. Aieng zung a kum leh a chin tur a dah hran techu hmun ro leh hmun thimah dah that tur. |
| POTATO | 1. Intercultural operation should be done near to the base of the plant. 2. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation |
| | 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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 hrik pai hlobet/hnim awm zawng zawng phawi chhuah vek thin tur. 2. Huan thlai ei thin rannung, natna theh darh thin te chu, rannung thahna hlo hmang a tih rem thin tur. 3. Natna lo awm tur ven nan lei tha hman uar sauh sauh tur. |

Livestock Specific Advisory:

| 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 |

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--|
| | 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 | <p>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 dose not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.</p> <p>1. Rulhut dona turin ar te chu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusama boruak a luh chhuah theihna turin siam tur. Boruak vawt a hlawma a luh lohna tur in ar-in chung ah a kua siam tur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tih zia nan ointment chikhat petroleum jelly tih chu hnawih thin tur.</p> |



Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 21-01-2020

Weather Forecast of LAWNGTLAI(Mizoram) Issued On : 2020-01-21(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2020-01-22 | 0.0 | 20.0 | 8.0 | 69 | 32 | 4.3 | 65 | 0 |
| 2020-01-23 | 0.0 | 20.0 | 9.0 | 55 | 19 | 4.5 | 68 | 0 |
| 2020-01-24 | 0.0 | 21.0 | 9.0 | 61 | 17 | 4.8 | 68 | 1 |
| 2020-01-25 | 0.0 | 21.0 | 9.0 | 60 | 24 | 4.6 | 68 | 2 |
| 2020-01-26 | 0.0 | 22.0 | 10.0 | 49 | 17 | 4.4 | 70 | 0 |

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 4.1-5.8 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 21-22 C a ni a, a vawh lai ber erawh chuan 12-14 C a ni. Boruak hnawn lai berin 89-99% a nih lain a hul lai erawh chuan 71-80% a ni thung. Thli hi darkar khatah 4.1-5.8 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. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation

Tun atanga ni nga (5) lo awm leh tur chhung hian boruak a dai deuh anga, ruahtui pawh tlalo tura ngaih a ni. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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.

SMS Advisory:

Training and pruning program must be done to control pests and diseases in the citrus orchard after harvesting.

Ser rah techu seng annih hnu in rannung eichhetu leh natna awmthei laka vennan training (thei zar leh kung enkawl) leh pruning (a peng pail thawl) tih thin tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| MAIZE | 1. Drainage should be maintain properly 2. Surface must cover with legume crop and vegetable crops like pumpkin and cucumber for conserving soil moisture. 3. Provide irrigation every three days interval. 4. Use straw mulch where irrigation is not possible. 5. Provide split doses of fertilizer in dry days. |
| | 1. Tuitling paihchhuahna tha taka siam tur 2. Thlai (Legume) kawm neia rah chi enter nan maite leh fanghmate chingin lei chunglang chu tih hnawm theih. 3. Ni thum danah zel tui a chawm ziah tur. 4. Tui pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 5. Ruahtui tling paihchhuahna tur tha taka siam tur |
| MUSTARD | 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 pekna tur remchang a awmlah chuan, bulpawl leh bawngkek khawro hmangin lei tih hnawm tur. 3. Ruahtui tling paihchhuahna tur tha taka siam 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 sa techu field ah hnutchhiahloh tur. 3. Aieng zung a kum leh a chin tur a dah hran techu hmun ro leh hmun thimah dah that tur. |
| POTATO | 1. Intercultural operation should be done near to the base of the plant. 2. Apply a split dose of nitrogenous fertilizer to the plant. 3. Apply irrigation 2-3 day intervals. 4. Use straw mulch for better soil water conservation |
| | 1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh wawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 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 hrik pai hlobet/hnim awm zawng zawng phawi chhuah vek thin tur. 2. Huan thlai ei thin rannung, natna theh darh thin te chu, rannung thahna hlo hmang a tih rem thin tur. 3. Natna lo awm tur ven nan lei tha hman uar sauh sauh tur. |

Livestock Specific Advisory:

| 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 |

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--|
| | 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 | <p>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 dose not flow directly. 3. Cover combs and wattles in petroleum jelly to keep off the worst of the cold.</p> <p>1. Rulhut dona turin ar te chu invennan rulhut damdawi pek hmasak thin tur. 2. Ar-in techu duhthusama boruak a luh chhuah theihna turin siam tur. Boruak vawt a hlawma a luh lohna tur in ar-in chung ah a kua siam tur. 3. Ar-chhuang (combs) leh an ir/khabawr (wattles) techu thlasik khawvawt hreawm laka tih zia nan ointment chikhat petroleum jelly tih chu hnawih thin tur.</p> |