



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



Agromet Advisory Bulletin

Date : 17-09-2019

Weather Forecast of SAIHA(Mizoram) Issued On : 2019-09-17(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) |
|--------------|---------------|-----------|-----------|----------|-----------|-------------------|-------------------------|--------------------|
| 2019-09-18 | 6.0 | 33.0 | 25.0 | 96 | 47 | 3.6 | 78 | 4 |
| 2019-09-19 | 10.0 | 32.0 | 26.0 | 97 | 40 | 3.9 | 83 | 4 |
| 2019-09-20 | 11.0 | 32.0 | 26.0 | 98 | 41 | 3.2 | 87 | 7 |
| 2019-09-21 | 37.0 | 30.0 | 26.0 | 100 | 46 | 2.5 | 82 | 8 |
| 2019-09-22 | 42.0 | 30.0 | 25.0 | 99 | 79 | 2.3 | 71 | 8 |

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 23-25 C and 15-16 C. Maximum relative humidity was expected in the range of 86-97% and minimum from 64-71%. Wind direction was easterly to southeasterly with the wind speed of 1.8-3.1 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 19.3 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 15-16 C a ni. Boruak hnawn lai berin 86-97% a nih lain a hul lai erawh chuan 64-71% a ni thung. Thli hi darkar khatah 1.8-3.1 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: 19.3 mm

General Advisory:

The possibility of rainfall will be less and the temperature will be high. The following general measures should be taken by farmers. 1. Harvest all mature crops and proper sundry for the preservation of seed. 2. Use registered seed and planting material for seed multiplication under the seed village programme. 3. Use veterinary medicines as prescribed by registered veterinarians.

Ruahtui tlem lam tla tur a ngaih a nih avangin boruak a lum deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlai rah hmin tawh te chu seng a, a chi atana dahthat tur te chu nisa ah pho ro that tur. 2. Seed village programme hnuai a thlai chi tihpun na tur hmanrua atan registered seed ngei hman ni se. 3. Vety lama kan mithiamte damdawi chawh chauh hman thin tur.

SMS Advisory:

Prevailing cloudy and humid weather is contributing to spindle shape rice blast. Spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon.

Boruak hnawng leh chhum lengvel a tam hian buh natna blast a hluar duh bik a. Khaw that ni tlai tlak lamah Spencer/ tricyclazole tui litre 1 a gram 1 a siam chu sticker nena chawhpawlh a kah tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MAIZE(LOCAL) | 1. Harvesting of mature cobs recommended for late sown crops and dry properly before storing 2. Use locally available traps to control rats menace. 3. Grow legumes and oilseed along with the maize for better soil nutrient and weed management. 1. A chi tuh tlai tura tih ho zing a rah hmin tawh chu seng tur, dahthat hma in pho ro that tur. 2. Sazu manna hmanrua neih ang ang leh remchan ang ang hman tur. 3. Leitha leh hriseh zawk a neih theih nan leh hnim hnah laka vennis vaimim chu hriak nei chi leh kawm nei chi thlai nen chinpawlh thin tur a ni. |
| JHUM RICE(LOCAL) | 1. Uproot all weed from jhum field to avoid mixing weed seed to main crop and also prevent from disease and pest harboring in weeds 2. Use local traps from preventing rat. Poisonous bait may be used as per proper advice of experts 3. Use proper bird management techniques. 1. A chi tuh tlai tura tih ho zing a rah hmin tawh chu seng tur, dahthat hma in pho ro that tur. 2. Sazu manna hmanrua neih ang ang leh remchan ang ang hman tur. 3. Leitha leh hriseh zawk a neih theih nan leh hnim hnah laka vennis vaimim chu hriak nei chi leh kawm nei chi thlai nen chinpawlh thin tur a ni. |
| SOYBEAN(JS 331) | 1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as it supports to better weed management and easy fertilizer applications. 3. Spacing: 40-60cm X 2.5 cm and preferred variety: JS 335. 4. Treat the seed with rhizobium culture before sowing. 1. Bekang chi hi vaimim kung karah khaw that ni/thiang ni in a chin theih a ni. 2. Hnim hnah enkawl leh leitha pek a awlsam nan bekang chi techu a ngil (line) a chin tur ni. 3. A inkar hlat zawng 40-60cm X 2.5cm, a chi (variety) atan JS 335 ni thei se. 4. A chi chu chin a nih hma in rhizobium culture a sawngbawl phawt tur a ni. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CABBAGE(HYBRID) | 1. In present weather conditions, raising nursery of hybrid cabbage may be done. 2. The seeds should be sown on raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves 1. Tunlai kan khawchin thlirin hybrid ziklum nursery siam hunlai tak a ni. 2. ziklum chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur. |
| BRINJAL(HYBRID) | 1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. 1. Bawkbawn nursery hmunhna siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur. |
| GINGER(LOCAL) | 1. Use split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/ltr of water to reduce stem root infection. 1. Hrisel leh kung tha taka a than len theihnan leitha (nitrogenous fertilizer) eng chi pawh hman theih a ni. 2. A zung natna tih tlem nan Ridomil chu tui litre khatah gram hnih chawpawlh a kah tur a ni. |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW(LOCAL) | 1. Balanced feeding of dairy animals and allow calf suckling immediately after parturition. 2. Full hand milking should be practiced. 3. Frequent incomplete milking at an interval of 4hrs should be practiced after parturition for a minimum 1 week. Afterward, complete milking in a day is recommended. |
| | 1. A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. 2. A hnute sawr dan thin full hand milking chu hman tur a ni. 3. Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu wawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CHICKEN(LOCAL) | 1. Keep surrounding poultry house clean to avoid mosquitoes and other blood-sucking insects that may transmit fowl pox. 2. Vaccination of chicken (0-7 days old, ideally 4 days old) against Ranikhet disease is advised in the presence of qualified personnel. |
| | 1. Fowl pox natna kai darh theitu thosi leh thisen hip thei chi rannung laka an fihlim theih nan ar-in leh a chheh vel zawng zawng fai taka dah tur. 2. Ar note (ni 0-7 a upa, duhthusam chuan ni 4 a upa nithei se) chu mithiam te rawn pah in Ranikhet natna laka vennis vaccine lak tir ni se. |



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



Agromet Advisory Bulletin

Date : 17-09-2019

Weather Forecast of SERCHHIP(Mizoram) Issued On : 2019-09-17(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) |
|--------------|---------------|-----------|-----------|----------|-----------|-------------------|-------------------------|--------------------|
| 2019-09-18 | 7.0 | 35.0 | 26.0 | 98 | 52 | 3.0 | 84 | 3 |
| 2019-09-19 | 11.0 | 35.0 | 26.0 | 98 | 39 | 3.5 | 95 | 3 |
| 2019-09-20 | 6.0 | 33.0 | 26.0 | 98 | 41 | 2.9 | 88 | 7 |
| 2019-09-21 | 31.0 | 35.0 | 26.0 | 100 | 42 | 2.4 | 39 | 7 |
| 2019-09-22 | 26.0 | 34.0 | 25.0 | 99 | 84 | 2.7 | 65 | 8 |

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 25-27 C and 15-16 C. Maximum relative humidity was expected in the range of 81-94% and minimum from 62-70%. Wind direction was southeasterly with the wind speed of 1.3-3.1 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 19.5 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber 25-27 C a ni a, a vawh lai ber erawh chuan 15-16 C a ni. Boruak hnawn lai berin 81-94% a nih lain a hul lai erawh chuan 62-70% a ni thung. Thli hi darkar khatah 1.3-3.1 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: 19.5 mm

General Advisory:

The possibility of rainfall will be less and the temperature will be high. The following general measures should be taken by farmers. 1. Harvest all mature crops and proper sundry for the preservation of seed. 2. Use registered seed and planting material for seed multiplication under the seed village programme. 3. Use veterinary medicines as prescribed by registered veterinarians.

Ruahtui tlem lam tla tur a ngaih a nih avangin boruak a lum deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlai rah hmin tawh te chu seng a, a chi atana dahthat tur te chu nisa ah pho ro that tur. 2. Seed village programme hnuai a thlai chi tihpun na tur hmanrua atan registered seed ngei hman ni se. 3. Vety lama kan mithiamte damdawi chawh chauh hman thin tur.

SMS Advisory:

Prevailing cloudy and humid weather is contributing to spindle shape rice blast. Spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon.

Boruak hnawng leh chhum lengvel a tam hian buh natna blast a hluar duh bik a. Khaw that ni tlai tlak lamah Spencer/ tricyclazole tui litre 1 a gram 1 a siam chu sticker nena chawhpawlh a kah tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE(GOMATI) | Prevailing cloudy and humid weather is contributing to spindle shape rice blast. spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon along with sticker. |
| | Boruak hnawng leh chhum lengvel a tam hian buh natna spindle shape rice blast a hluar duh bik a. Hemi vennan hian khaw that ni tlai tlak lamah Spencer emaw tricyclazole tui litre khata gram khat a siam chu sticker nena chawhpawlh a kah tur a ni. |
| SOYBEAN(JS 331) | 1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as it supports to better weed management and easy fertilizer applications. 3. Spacing: 40-60cm X 2.5 cm and preferred variety: JS 335. 4. Treat the seed with rhizobium culture before sowing. |
| | 1. Bekang chi hi vaimim kung karah khaw that ni/thiang ni in a chin theih a ni. 2. Hnim hnah enkawl leh leitha pek a awlsam nan bekang chi techu a ngil (line) a chin tur ni. 3. A inkar hlat zawng 40-60cm X 2.5cm, a chi (variety) atan JS 335 ni thei se. 4. A chi chu chin a nih hma in rhizobium culture a sawngbawl phawt tur a ni. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BRINJAL(HYBRID) | 1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. |
| | 1. Bawkbawn nursery hmunhna siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur. |
| GINGER(LOCAL) | 1. Use split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lit of water to reduce stem root infection. |
| | 1. Hrisel leh kung tha taka a than len theihnan leitha (nitrogenous fertilizer) eng chi pawh hman theih a ni. 2. A zung natna tih tlem nan Ridomil chu tui litre khatah gram hnih chawhpawlh a kah tur a ni. |
| BROCCOLI(HYBRID) | 1. In present weather conditions, raising nursery of hybrid broccoli may be done. 2. The seeds should be sown on raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves |
| | 1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur. |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW(LOCAL) | 1. Balanced feeding of dairy animals and allow calf suckling immediately after parturition. 2. Full hand milking should be practiced. 3. Frequent incomplete milking at an interval of 4hrs should be practiced after parturition for a minimum 1 week. Afterward, complete milking in a day is recommended. |

| Livestock(Varieties) | Livestock Specific Advisory |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 1. A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. 2. A hnute sawr dan thin full hand milking chu hman tur a ni. 3. Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni. |



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



Agromet Advisory Bulletin

Date : 17-09-2019

Weather Forecast of AIZAWL(Mizoram) Issued On : 2019-09-17(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) |
|-----------------|------------------|--------------|--------------|-------------|--------------|----------------------|----------------------------|-----------------------|
| 2019-09-18 | 6.0 | 28.0 | 23.0 | 97 | 53 | 3.1 | 110 | 4 |
| 2019-09-19 | 11.0 | 27.0 | 23.0 | 97 | 44 | 3.9 | 119 | 2 |
| 2019-09-20 | 3.0 | 28.0 | 24.0 | 95 | 42 | 3.4 | 123 | 5 |
| 2019-09-21 | 37.0 | 27.0 | 24.0 | 100 | 48 | 2.9 | 62 | 7 |
| 2019-09-22 | 23.0 | 27.0 | 24.0 | 99 | 79 | 3.0 | 110 | 8 |

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 26-29 C and 15-17 C. Maximum relative humidity was expected in the range of 78-88% and minimum from 62-75%. Wind direction was southeasterly to easterly with the wind speed of 1.8-3.2 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 30.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 26-29 C a ni a, a vawh lai ber erawh chuan 15-17 C a ni. Boruak hnawn lai berin 78-88% a nih lain a hul lai erawh chuan 62-75% a ni thung. Thli hi darkar khatah 1.8-3.2 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: 30.0 mm

General Advisory:

The possibility of rainfall will be less and the temperature will be high. The following general measures should be taken by farmers. 1. Harvest all mature crops and proper sundry for the preservation of seed. 2. Use registered seed and planting material for seed multiplication under the seed village programme. 3. Use veterinary medicines as prescribed by registered veterinarians.

Ruahtui tlem lam tla tur a ngaih a nih avangin boruak a lum deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlai rah hmin tawh te chu seng a, a chi atana dahthat tur te chu nisa ah pho ro that tur. 2. Seed village programme hnuai a thlai chi tihpun na tur hmanrua atan registered seed ngei hman ni se. 3. Vety lama kan mithiamte damdawi chawh chauh hman thin tur.

SMS Advisory:

Prevailing cloudy and humid weather is contributing to spindle shape rice blast. Spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon.

Boruak hnawng leh chhum lengvel a tam hian buh natna blast a hluar duh bik a. Khaw that ni tlai tlak lamah Spencer/ tricyclazole tui litre 1 a gram 1 a siam chu sticker nena chawhpawlh a kah tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MAIZE(LOCAL) | 1. Harvesting of mature cobs recommended for late sown crops and dry properly before storing 2. Use locally available traps to control rats menace. 3. Grow legumes and oilseed along with the maize for better soil nutrient and weed management. |
| | 1. A chi tuh tlai tura tih ho zing a rah hmin tawh chu seng tur, dahthat hma in pho ro that tur. 2. Sazu manna hmanrua neih ang ang leh remchan ang ang hman tur. 3. Leitha leh hrisel zawk a neih theih nan leh hnim hnah laka vennis vaimim chu hriak nei chi leh kawm nei chi thlai nen chinpawlh thin tur a ni. |
| BLACKGRAM(PD4) | 1. Sowing of blackgram can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as it supports to better weed management and easy fertilizer applications. 3. Spacing: 40-60cm X 2.5 cm and preferred variety: PD 4. 4. Treat the seed with rhizobium culture before sowing. |
| | 1. Dal chi hi vaimim kung karah khaw that ni/thiang ni in a chin theih a ni. 2. Hnim hnah enkawl leh leitha pek a awlsam nan bekang chi techu a ngil (line) a chin tur ni. 3. A inkar hlat zawng 40-60cm X 2.5cm, a chi (variety) atan PD 4 ni thei se. 4. A chi chu chin a nih hma in rhizobium culture a sawngbawl phawt tur a ni. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BRINJAL(HYBRID) | 1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. |
| | 1. Bawkbawn nursery hmunhna siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur. |
| GINGER(LOCAL) | 1. Use split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lit of water to reduce stem root infection. |
| | 1. Hrisel leh kung tha taka a than len theihnan leitha (nitrogenous fertilizer) eng chi pawh hman theih a ni. 2. A zung natna tih tlem nan Ridomil chu tui litre khatah gram hnih chawpawlh a kah tur a ni. |
| BROCCOLI(HYBRID) | 1. In present weather conditions, raising nursery of hybrid broccoli may be done. 2. The seeds should be sown on raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves |
| | 1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur. |

Livestock Specific Advisory:

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

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW(LOCAL) | <p>1. Balanced feeding of dairy animals and allow calf suckling immediately after parturition. 2. Full hand milking should be practiced. 3. Frequent incomplete milking at an interval of 4hrs should be practiced after parturition for a minimum 1 week. Afterward, complete milking in a day is recommended.</p> <p>1. A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. 2. A hnute sawr dan thin full hand milking chu hman tur a ni. 3. Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni.</p> |



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



Agromet Advisory Bulletin

Date : 17-09-2019

Weather Forecast of CHAMPHAI(Mizoram) Issued On : 2019-09-17(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) |
|--------------|---------------|-----------|-----------|----------|-----------|-------------------|-------------------------|--------------------|
| 2019-09-18 | 10.0 | 33.0 | 25.0 | 99 | 63 | 3.5 | 101 | 5 |
| 2019-09-19 | 4.0 | 33.0 | 26.0 | 97 | 40 | 3.5 | 109 | 3 |
| 2019-09-20 | 5.0 | 31.0 | 25.0 | 98 | 40 | 3.3 | 105 | 5 |
| 2019-09-21 | 39.0 | 32.0 | 24.0 | 100 | 40 | 2.6 | 69 | 7 |
| 2019-09-22 | 27.0 | 35.0 | 24.0 | 99 | 66 | 2.9 | 99 | 8 |

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 28-29 C and 16-18 C. Maximum relative humidity was expected in the range of 85-95% and minimum from 63-72%. Wind direction was southeasterly with the wind speed of 1.3-3.4 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 22.4 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 28-29 C a ni a, a vawh lai ber erawh chuan 16-18 C a ni. Boruak hnawn lai berin 85-95% a nih lain a hul lai erawh chuan 63-72% a ni thung. Thli hi darkar khatah 1.3-3.4 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: 22.4 mm

General Advisory:

The possibility of rainfall will be less and the temperature will be high. The following general measures should be taken by farmers. 1. Harvest all mature crops and proper sundry for the preservation of seed. 2. Use registered seed and planting material for seed multiplication under the seed village programme. 3. Use veterinary medicines as prescribed by registered veterinarians.

Ruahtui tlem lam tla tur a ngaih a nih avangin boruak a lum deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlai rah hmin tawh te chu seng a, a chi atana dahthat tur te chu nisa ah pho ro that tur. 2. Seed village programme hnuai a thlai chi tihpun na tur hmanrua atan registered seed ngei hman ni se. 3. Vety lama kan mithiamte damdawi chawh chauh hman thin tur.

SMS Advisory:

Prevailing cloudy and humid weather is contributing to spindle shape rice blast. Spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon.

Boruak hnawng leh chhum lengvel a tam hian buh natna blast a hluar duh bik a. Khaw that ni tlai tlak lamah Spencer/ tricyclazole tui litre 1 a gram 1 a siam chu sticker nena chawhpawlh a kah tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE(GOMATI) | Prevailing cloudy and humid weather is contributing to spindle shape rice blast. spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon along with sticker. |
| | Boruak hnawng leh chhum lengvel a tam hian buh natna spindle shape rice blast a hluar duh bik a. Hemi vennan hian khaw that ni tlai tlak lamah Spencer emaw tricyclazole tui litre khata gram khat a siam chu sticker nena chawhpawlh a kah tur a ni. |
| JHUM RICE(LOCAL) | 1. Uproot all weed from jhum field to avoid mixing weed seed to main crop and also prevent from disease and pest harboring in weeds 2. Use local traps from preventing rat. Poisonous bait may be used as per proper advice of experts 3. Use proper bird management techniques. |
| | 1. A chi tuh tlai tura tih ho zing a rah hmin tawh chu seng tur, dahthat hma in pho ro that tur. 2. Sazu manna hmanrua neih ang ang leh remchan ang ang hman tur. 3. Leitha leh hriselel zawk a neih theih nan leh hnim hnah laka vennan vaimim chu hriak nei chi leh kawm nei chi thlai nen chinpawlh thin tur a ni. |
| SOYBEAN(JS 331) | 1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as it supports to better weed management and easy fertilizer applications. 3. Spacing: 40-60cm X 2.5 cm and preferred variety: JS 335. 4. Treat the seed with rhizobium culture before sowing. |
| | 1. Bekang chi hi vaimim kung karah khaw that ni/thiang ni in a chin theih a ni. 2. Hnim hnah enkawl leh leitha pek a awlsam nan bekang chi techu a ngil (line) a chin tur ni. 3. A inkar hlat zawng 40-60cm X 2.5cm, a chi (variety) atan JS 335 ni thei se. 4. A chi chu chin a nih hma in rhizobium culture a sawngbawl phawt tur a ni. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CABBAGE(HYBRID) | 1. In present weather conditions, raising nursery of hybrid cabbage may be done. 2. The seeds should be sown on raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves |
| | 1. Tunlai kan khawchin thlirin hybrid ziklum nursery siam hunlai tak a ni. 2. ziklum chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur. |
| BRINJAL(HYBRID) | 1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. |
| | 1. Bawkbawn nursery hmunhna siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmanganin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur. |
| GINGER(LOCAL) | 1. Use split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lit of water to reduce stem root infection. |
| | 1. Hrisel leh kung tha taka a than len theihnan leitha (nitrogenous fertilizer) eng chi pawh hman theih a ni. 2. A zung natna tih tlem nan Ridomil chu tui litre khatah gram hnih chawhpawlh a kah tur a ni. |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW(LOCAL) | 1. Balanced feeding of dairy animals and allow calf suckling immediately after parturition. 2. Full hand milking should be practiced. 3. Frequent incomplete milking at an interval of 4hrs should be practiced after parturition for a minimum 1 week. Afterward, complete milking in a day is recommended. |
| | 1. A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. 2. A hnute sawr dan thin full hand milking chu hman tur a ni. 3. Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu vawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni. |

Fisheries Specific Advisory:

| Fisheries(Varieties) | Fisheries Specific Advisory |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FISH(COMPOSITE FISH) | 1. Sufficient water accumulated in the pond. Start a new stocking of quality fingerlings/ yearlings. Feeding may be done properly with quality and floating feed containing 20 percent crude protein. 2. To maintain the dissolved oxygen regular aeration may be done using hand or bamboo splashing or using a mechanical aerator. |
| | 1. Tuikhuahah chuan tui tam tawk tak a awm tur a ni. Sangha note hrisek tha tak dahkhawm tan tur. A chaw pek that ngaih pawimawh tur, a chaw atan pawh quality tha 20 percent crude protein pai tel ni thei ngei se. 2. Tui chung a boruak awm te vawn that zel anih theih nan regular takin kut lawng emaw Khawl hmangin emaw mau emaw in boruak tih thawl thin tur. |



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



Agromet Advisory Bulletin

Date : 17-09-2019

Weather Forecast of KOLASIB(Mizoram) Issued On : 2019-09-17(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) |
|--------------|---------------|-----------|-----------|----------|-----------|-------------------|-------------------------|--------------------|
| 2019-09-18 | 2.0 | 30.0 | 25.0 | 98 | 52 | 3.1 | 111 | 4 |
| 2019-09-19 | 3.0 | 30.0 | 25.0 | 95 | 46 | 4.0 | 116 | 2 |
| 2019-09-20 | 8.0 | 30.0 | 25.0 | 97 | 40 | 3.4 | 134 | 4 |
| 2019-09-21 | 36.0 | 29.0 | 25.0 | 100 | 52 | 3.6 | 78 | 7 |
| 2019-09-22 | 30.0 | 29.0 | 25.0 | 100 | 72 | 2.6 | 128 | 8 |

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 29-30 C and 17-19 C. Maximum relative humidity was expected in the range of 78-92% and minimum from 65-75%. Wind direction was easterly to southeasterly with the wind speed of 1.8-3.4 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 40.6 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 29-30 C a ni a, a vawh lai ber erawh chuan 17-19 C a ni. Boruak hnawn lai berin 78-92% a nih laiin a hul lai erawh chuan 65-75% a ni thung. Thli hi darkar khatah 1.8-3.4 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: 40.6 mm

General Advisory:

The possibility of rainfall will be less and the temperature will be high. The following general measures should be taken by farmers. 1. Harvest all mature crops and proper sundry for the preservation of seed. 2. Use registered seed and planting material for seed multiplication under the seed village programme. 3. Use veterinary medicines as prescribed by registered veterinarians.

Ruahtui tlem lam tla tur a ngaih a nih avangin boruak a lum deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlai rah hmin tawh te chu seng a, a chi atana dahthat tur te chu nisa ah pho ro that tur. 2. Seed village programme hnuai a thlai chi tihpun na tur hmanrua atan registered seed ngei hman ni se. 3. Vety lama kan mithiamte damdawi chawh chauh hman thin tur.

SMS Advisory:

Prevailing cloudy and humid weather is contributing to spindle shape rice blast. Spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon.

Boruak hnawng leh chhum lengvel a tam hian buh natna blast a hluar duh bik a. Khaw that ni tlai tlak lamah Spencer/ tricyclazole tui litre 1 a gram 1 a siam chu sticker nena chawhpawlh a kah tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE(GOMATI) | Prevailing cloudy and humid weather is contributing to spindle shape rice blast. spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon along with sticker. |
| | Boruak hnawng leh chhum lengvel a tam hian buh natna spindle shape rice blast a hluar duh bik a. Hemi vennan hian khaw that ni tlai tlak lamah Spencer emaw tricyclazole tui litre khata gram khat a siam chu sticker nena chawhpawlh a kah tur a ni. |
| BLACKGRAM(PD 4) | 1. Sowing of blackgram can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as it supports to better weed management and easy fertilizer applications. 3. Spacing: 40-60cm X 2.5 cm and preferred variety: PD 4. 4. Treat the seed with rhizobium culture before sowing. |
| | 1. Dal chi hi vaimim kung karah khaw that ni/thiang ni in a chin theih a ni. 2. Hnim hnah enkawl leh leitha pek a awlsam nan bekang chi techu a ngil (line) a chin tur ni. 3. A inkar hlat zawng 40-60cm X 2.5cm, a chi (variety) atan PD 4 ni thei se. 4. A chi chu chin a nih hma in rhizobium culture a sawngbawl phawt tur a ni. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BRINJAL(HYBRID) | 1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. |
| | 1. Bawkbawn nursery hmunhna siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur. |
| MANDARIN(LOCAL) | 1. Set up pheromone @ 4 trap/acre at the height of mid canopy for monitoring and mass trapping insects. 2. During this month there is rapid spread of citrus canker hence the affected leaves and branches should be pruned and burnt. 3. To control fruit sucking moth, destroy all the fallen fruits by burying in pit. |
| | 1. Rannung hip khawm na tur pheromone trap chu acre khatah pa 4 zel dah tur a ni. 2. Tun thla hi citrus canker inthlahpun chak hunlai tak a nih avangin a hnah leh a zara natna kai techu hlawi thlaka hal ral tur a ni. 3. Rannung, a rah eithin, puang zel tur vennan a rah tla techu lei hnuaiah phum vek tur. |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW(LOCAL) | 1. Balanced feeding of dairy animals and allow calf suckling immediately after parturition. 2. Full hand milking should be practiced. 3. Frequent incomplete milking at an interval of 4hrs should be practiced after parturition for a minimum 1 week. Afterward, complete milking in a day is recommended. |
| | 1. A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. 2. A hnute sawr dan thin full hand milking chu hman tur a ni. 3. Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu wavi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni. |



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



Agromet Advisory Bulletin

Date : 17-09-2019

Weather Forecast of LAWNGTLAI(Mizoram) Issued On : 2019-09-17(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) |
|--------------|---------------|-----------|-----------|----------|-----------|-------------------|-------------------------|--------------------|
| 2019-09-18 | 3.0 | 33.0 | 25.0 | 96 | 42 | 2.9 | 70 | 4 |
| 2019-09-19 | 11.0 | 33.0 | 26.0 | 95 | 41 | 3.7 | 90 | 3 |
| 2019-09-20 | 11.0 | 33.0 | 25.0 | 98 | 41 | 3.2 | 95 | 6 |
| 2019-09-21 | 26.0 | 32.0 | 25.0 | 99 | 45 | 2.9 | 85 | 8 |
| 2019-09-22 | 16.0 | 32.0 | 25.0 | 99 | 55 | 2.2 | 73 | 8 |

Weather Summary/Alert:

Light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 28-30 C and 17-18 C. Maximum relative humidity was expected in the range of 81-92% and minimum from 68-74%. Wind direction was southeasterly to easterly with the wind speed of 1.4-3.2 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 12.2 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 28-30 C a ni a, a vawh lai ber erawh chuan 17-18 C a ni. Boruak hnawn lai berin 81-92% a nih lain a hul lai erawh chuan 68-74% a ni thung. Thli hi darkar khatah 1.4-3.2 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: 12.2 mm

General Advisory:

The possibility of rainfall will be less and the temperature will be high. The following general measures should be taken by farmers. 1. Harvest all mature crops and proper sundry for the preservation of seed. 2. Use registered seed and planting material for seed multiplication under the seed village programme. 3. Use veterinary medicines as prescribed by registered veterinarians.

Ruahtui tlem lam tla tur a ngaih a nih avangin boruak a lum deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlai rah hmin tawh te chu seng a, a chi atana dahthat tur te chu nisa ah pho ro that tur. 2. Seed village programme hnuai a thlai chi tihpun na tur hmanrua atan registered seed ngei hman ni se. 3. Vety lama kan mithiamte damdawi chawh chauh hman thin tur.

SMS Advisory:

Prevailing cloudy and humid weather is contributing to spindle shape rice blast. Spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon.

Boruak hnawng leh chhum lengvel a tam hian buh natna blast a hluar duh bik a. Khaw that ni tlai tlak lamah Spencer/ tricyclazole tui litre 1 a gram 1 a siam chu sticker nena chawhpawlh a kah tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MAIZE(LOCAL) | 1. Harvesting of mature cobs recommended for late sown crops and dry properly before storing 2. Use locally available traps to control rats menace. 3. Grow legumes and oilseed along with the maize for better soil nutrient and weed management. |
| | 1. A chi tuh tlai tura tih ho zing a rah hmin tawh chu seng tur, dahthat hma in pho ro that tur. 2. Sazu manna hmanrua neih ang ang leh remchan ang ang hman tur. 3. Leitha leh hriseh zawk a neih theih nan leh hnim hnah laka vennis vaimim chu hriak nei chi leh kawm nei chi thlai nen chinpawlh thin tur a ni. |
| BLACKGRAM(PD 4) | 1. Sowing of blackgram can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as it supports to better weed management and easy fertilizer applications. 3. Spacing: 40-60cm X 2.5 cm and preferred variety: PD 4. 4. Treat the seed with rhizobium culture before sowing. |
| | 1. Dal chi hi vaimim kung karah khaw that ni/thiang ni in a chin theih a ni. 2. Hnim hnah enkawl leh leitha pek a awlsam nan bekang chi techu a ngil (line) a chin tur ni. 3. A inkar hlat zawng 40-60cm X 2.5cm, a chi (variety) atan PD 4 ni thei se. 4. A chi chu chin a nih hma in rhizobium culture a sawngbawl phawt tur a ni. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BRINJAL(HYBRID) | 1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. |
| | 1. Bawkbawn nursery hmunhma siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur. |
| GINGER(LOCAL) | 1. Use split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lit of water to reduce stem root infection. |
| | 1. Hrisel leh kung tha taka a than len theihnan leitha (nitrogenous fertilizer) eng chi pawh hman theih a ni. 2. A zung natna tih tlem nan Ridomil chu tui litre khatah gram hnih chawpawlh a kah tur a ni. |
| BROCCOLI(HYBRID) | 1. In present weather conditions, raising nursery of hybrid broccoli may be done. 2. The seeds should be sown on raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves |
| | 1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CHICKEN(LOCAL) | 1. Keep surrounding of poultry house clean to avoid mosquitoes and other blood-sucking insects that may transmit fowl pox. 2. Vaccination of chicken (0-7 days old, ideally 4 days old) against Ranikhet disease is advised in the presence of qualified personnel. |

| Poultry(Varieties) | Poultry Specific Advisory |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | 1. Fowl pox natna kai darh theitu thosi leh thisen hip thei chi rannung laka an fihlim theih nan ar-in leh a chheh vel zawng zawng fai taka dah tur. 2. Ar note (ni 0-7 a upa, duhthusam chuan ni 4 a upa nithei se) chu mithiam te rawn pah in Ranikhet natna laka vennis vaccine lak tir ni se. |



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



Agromet Advisory Bulletin

Date : 17-09-2019

Weather Forecast of LUNGLEI(Mizoram) Issued On : 2019-09-17(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) |
|--------------|---------------|-----------|-----------|----------|-----------|-------------------|-------------------------|--------------------|
| 2019-09-18 | 11.0 | 31.0 | 25.0 | 98 | 46 | 3.2 | 78 | 5 |
| 2019-09-19 | 13.0 | 32.0 | 25.0 | 97 | 40 | 3.6 | 86 | 3 |
| 2019-09-20 | 15.0 | 32.0 | 25.0 | 99 | 41 | 3.2 | 82 | 6 |
| 2019-09-21 | 43.0 | 30.0 | 25.0 | 100 | 44 | 2.8 | 72 | 8 |
| 2019-09-22 | 38.0 | 30.0 | 25.0 | 99 | 67 | 2.5 | 65 | 8 |

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 24-27 C and 17-18 C. Maximum relative humidity was expected in the range of 84-95% and minimum from 64-74%. Wind direction was southeasterly with the wind speed of 1.2-2.4 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 21.5 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 17-18 C a ni. Boruak hnawn lai berin 84-95% a nih lain a hul lai erawh chuan 64-74% a ni thung. Thli hi darkar khatah 1.2-2.4 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: 21.5 mm

General Advisory:

The possibility of rainfall will be less and the temperature will be high. The following general measures should be taken by farmers. 1. Harvest all mature crops and proper sundry for the preservation of seed. 2. Use registered seed and planting material for seed multiplication under the seed village programme. 3. Use veterinary medicines as prescribed by registered veterinarians.

Ruahtui tlem lam tla tur a ngaih a nih avangin boruak a lum deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlai rah hmin tawh te chu seng a, a chi atana dahthat tur te chu nisa ah pho ro that tur. 2. Seed village programme hnuai a thlai chi tihpun na tur hmanrua atan registered seed ngei hman ni se. 3. Vety lama kan mithiamte damdawi chawh chauh hman thin tur.

SMS Advisory:

Prevailing cloudy and humid weather is contributing to spindle shape rice blast. Spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon.

Boruak hnawng leh chhum lengvel a tam hian buh natna blast a hluar duh bik a. Khaw that ni tlai tlak lamah Spencer/ tricyclazole tui litre 1 a gram 1 a siam chu sticker nena chawhpawlh a kah tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MAIZE(LOCAL) | 1. Harvesting of mature cobs recommended for late sown crops and dry properly before storing 2. Use locally available traps to control rats menace. 3. Grow legumes and oilseed along with the maize for better soil nutrient and weed management. |
| | 1. A chi tuh tlai tura tih ho zing a rah hmin tawh chu seng tur, dahthat hma in pho ro that tur. 2. Sazu manna hmanrua neih ang ang leh remchan ang ang hman tur. 3. Leitha leh hriseh zawk a neih theih nan leh hnim hnah laka vennis vaimim chu hriak nei chi leh kawm nei chi thlai nen chinpawlh thin tur a ni. |
| JHUM RICE(LOCAL) | 1. Uproot all weed from jhum field to avoid mixing weed seed to main crop and also prevent from disease and pest harboring in weeds 2. Use local traps from preventing rat. Poisonous bait may be used as per proper advice of experts 3. Use proper bird management techniques. |
| | 1. A chi tuh tlai tura tih ho zing a rah hmin tawh chu seng tur, dahthat hma in pho ro that tur. 2. Sazu manna hmanrua neih ang ang leh remchan ang ang hman tur. 3. Leitha leh hriseh zawk a neih theih nan leh hnim hnah laka vennis vaimim chu hriak nei chi leh kawm nei chi thlai nen chinpawlh thin tur a ni. |
| SOYBEAN(JS 331) | 1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as it supports to better weed management and easy fertilizer applications. 3. Spacing: 40-60cm X 2.5 cm and preferred variety: JS 335. 4. Treat the seed with rhizobium culture before sowing. |
| | 1. Bekang chi hi vaimim kung karah khaw that ni/thiang ni in a chin theih a ni. 2. Hnim hnah enkawl leh leitha pek a awlsam nan bekang chi techu a ngil (line) a chin tur ni. 3. A inkar hlat zawng 40-60cm X 2.5cm, a chi (variety) atan JS 335 ni thei se. 4. A chi chu chin a nih hma in rhizobium culture a sawngbawl phawt tur a ni. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CABBAGE(HYBRID) | 1. In present weather conditions, raising nursery of hybrid cabbage may be done. 2. The seeds should be sown on raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves |
| | 1. Tunlai kan khawchin thlirin hybrid ziklum nursery siam hunlai tak a ni. 2. ziklum chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur. |
| BRINJAL(HYBRID) | 1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. |
| | 1. Bawkbawn nursery hmunhna siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahuii a tihchhiat loh nan shade net hmang a tha taka khuh tur. |
| GINGER(LOCAL) | 1. Use split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/ltr of water to reduce stem root infection. |
| | 1. Hrisel leh kung tha taka a than len theihnan leitha (nitrogenous fertilizer) eng chi pawh hman theih a ni. 2. A zung natna tih tlem nan Ridomil chu tui litre khatah gram hnih chawpawlh a kah tur a ni. |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW(LOCAL) | 1. Balanced feeding of dairy animals and allow calf suckling immediately after parturition. 2. Full hand milking should be practiced. 3. Frequent incomplete milking at an interval of 4hrs should be practiced after parturition for a minimum 1 week. Afterward, complete milking in a day is recommended. |
| | 1. A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. 2. A hnute sawr dan thin full hand milking chu hman tur a ni. 3. Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu wawi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni. |

Poultry Specific Advisory:

| Poultry(Varieties) | Poultry Specific Advisory |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CHICKEN(LOCAL) | 1. Keep surrounding poultry house clean to avoid mosquitoes and other blood-sucking insects that may transmit fowl pox. 2. Vaccination of chicken (0-7 days old, ideally 4 days old) against Ranikhet disease is advised in the presence of qualified personnel. |
| | 1. Fowl pox natna kai darh theitu thosi leh thisen hip thei chi rannung laka an fihlim theih nan ar-in leh a chheh vel zawng zawng fai taka dah tur. 2. Ar note (ni 0-7 a upa, duhthusam chuan ni 4 a upa nithei se) chu mithiam te rawn pah in Ranikhet natna laka vennis vaccine lak tir ni se. |



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya

(Project Sponsored by IMD, Ministry of Earth Sciences, Govt. of India)



Agromet Advisory Bulletin

Date : 17-09-2019

Weather Forecast of MAMIT(Mizoram) Issued On : 2019-09-17(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) |
|--------------|---------------|-----------|-----------|----------|-----------|-------------------|-------------------------|--------------------|
| 2019-09-18 | 5.0 | 28.0 | 24.0 | 97 | 47 | 2.9 | 101 | 4 |
| 2019-09-19 | 10.0 | 28.0 | 24.0 | 96 | 45 | 4.1 | 114 | 2 |
| 2019-09-20 | 24.0 | 27.0 | 24.0 | 98 | 43 | 3.6 | 138 | 5 |
| 2019-09-21 | 40.0 | 27.0 | 24.0 | 100 | 55 | 3.0 | 65 | 7 |
| 2019-09-22 | 27.0 | 28.0 | 24.0 | 100 | 59 | 3.5 | 104 | 8 |

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 30-32 C and 22-24 C. Maximum relative humidity was expected in the range of 84-92% and minimum from 64-75%. Wind direction was southeasterly to easterly with the wind speed of 1.4-3.1 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 18.2 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 30-32 C a ni a, a vawh lai ber erawh chuan 22-24 C a ni. Boruak hnawn lai berin 84-92% a nih laiin a hul lai erawh chuan 64-75% a ni thung. Thli hi darkar khatah 1.4-3.1 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: 18.2 mm

General Advisory:

The possibility of rainfall will be less and the temperature will be high. The following general measures should be taken by farmers. 1. Harvest all mature crops and proper sundry for the preservation of seed. 2. Use registered seed and planting material for seed multiplication under the seed village programme. 3. Use veterinary medicines as prescribed by registered veterinarians.

Ruahtui tlem lam tla tur a ngaih a nih avangin boruak a lum deuh ang. Heng a hnuai a tarlan te hi kuthnathawktu ten zawm theuh i tum ang u. 1. Thlai rah hmin tawh te chu seng a, a chi atana dahthat tur te chu nisa ah pho ro that tur. 2. Seed village programme hnuai a thlai chi tihpun na tur hmanrua atan registered seed ngei hman ni se. 3. Vety lama kan mithiamte damdawi chawh chauh hman thin tur.

SMS Advisory:

Prevailing cloudy and humid weather is contributing to spindle shape rice blast. Spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon.

Boruak hnawng leh chhum lengvel a tam hian buh natna blast a hluar duh bik a. Khaw that ni tlai tlak lamah Spencer/ tricyclazole tui litre 1 a gram 1 a siam chu sticker nena chawhpawlh a kah tur a ni.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RICE(GOMATI) | Prevailing cloudy and humid weather is contributing to spindle shape rice blast. spraying of Spencer @ 1.0 gram per litre or tricyclazole @ 1.0 gram per litre of water on a clear day in the afternoon along with sticker. |
| | Boruak hnawng leh chhum lengvel a tam hian buh natna spindle shape rice blast a hluar duh bik a. Hemi vennan hian khaw that ni tlai tlak lamah Spencer emaw tricyclazole tui litre khata gram khat a siam chu sticker nena chawhpawlh a kah tur a ni. |
| SOYBEAN(JS 331) | 1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as it supports to better weed management and easy fertilizer applications. 3. Spacing: 40-60cm X 2.5 cm and preferred variety: JS 335. 4. Treat the seed with rhizobium culture before sowing. |
| | 1. Bekang chi hi vaimim kung karah khaw that ni/thiang ni in a chin theih a ni. 2. Hnim hnah enkawl leh leitha pek a awlsam nan bekang chi techu a ngil (line) a chin tur ni. 3. A inkar hlat zawng 40-60cm X 2.5cm, a chi (variety) atan JS 335 ni thei se. 4. A chi chu chin a nih hma in rhizobium culture a sawngbawl phawt tur a ni. |

Horticulture Specific Advisory:

| Horticulture (Varieties) | Horticulture Specific Advisory |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BRINJAL(HYBRID) | 1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m2) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. |
| | 1. Bawkbawn nursery hmunhna siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur. |
| MANDARIN(LOCAL) | 1. Set up pheromone @ 4 trap/acre at the height of mid canopy for monitoring and mass trapping insects. 2. During this month there is rapid spread of citrus canker hence the affected leaves and branches should be pruned and burnt. 3. To control fruit sucking moth, destroy all the fallen fruits by burying in pit. |
| | 1. Rannung hip khawm na tur pheromone trap chu acre khatah pa 4 zel dah tur a ni. 2. Tun thla hi citrus canker inthlahpun chak hunlai tak a nih avangin a hnah leh a zara natna kai techu hlawi thlaka hal ral tur a ni. 3. Rannung, a rah eithin, puang zel tur vennan a rah tla techu lei hnuaiah phum vek tur. |

Livestock Specific Advisory:

| Livestock(Varieties) | Livestock Specific Advisory |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COW(LOCAL) | 1. Balanced feeding of dairy animals and allow calf suckling immediately after parturition. 2. Full hand milking should be practiced. 3. Frequent incomplete milking at an interval of 4hrs should be practiced after parturition for a minimum 1 week. Afterward, complete milking in a day is recommended. |
| | 1. A pui in nau a neih hnu ah a inmil tawkin a naute chu hnute tui leh chaw pek tur a ni. 2. A hnute sawr dan thin full hand milking chu hman tur a ni. 3. Nau a neih hnu atangin a loh ber ah kar khat tal chu darkar li danah a hnute chu wavi khata sawr zo vek lo in sawr zeuh zeuh thin tur a ni. Chumi hnu ah chuan a vaia sawr zawh thin chauh tur a ni. |