



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 15-11-2019

Weather Forecast of SERCHHIP(Mizoram) Issued On : 2019-11-15(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)
2019-11-16	0.0	24.0	14.0	96	39	3.7	92	0
2019-11-17	0.0	24.0	14.0	90	33	3.8	88	1
2019-11-18	0.0	23.0	13.0	82	27	3.5	84	1
2019-11-19	0.0	23.0	13.0	92	30	3.4	82	0
2019-11-20	0.0	23.0	13.0	89	29	3.5	84	0

### Weather Summary/Alert:

Light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 23-25 C and 14-15 C. Maximum relative humidity was expected in the range of 83-95% and minimum from 64-75%. Wind direction was southeasterly with the wind speed of 0.9-1.7 km per hour. Partially sky prevailed last three days. Weekly cumulative rainfall: 02.3 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber 23-25 C a ni a, a vawh lai ber erawh chuan 14-15 C a ni. Boruak hnawn lai berin 83-95% a nih lain a hul lai erawh chuan 64-75% a ni thung. Thli hi darkar khatah 0.9-1.7 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: 02.3 mm

### General Advisory:

The possibility of rainfall will be less and the temperature will be high. Farmers should take the following general measures. 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. Provide dry bedding materials to livestock/poultry.

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:

Crops like tomato, brinjal and chilli in vegetative stage kindly provide support by bamboo stick.

Heng thlai tomato, bawkbawn leh hmarcha te vegetative stage anlo nih in mau phel hmangin dawm that tur.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	1. Uproot all weed from lowland rice field to avoid mixing weed seed to the 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. Buh hmun a hnimhnah to zawng zawng te buh chi nen a a inchawhpawlh loh nan leh rannung eichhetute lak atanga vennis a zung chawp a phawi chhuah vek tur. 2. Sazu thang eng chi pawh hman theih a ni. Mithiamten an kawhhmuh sazu tur tepawh a hman theih a ni. 3. Sava venna tur mumal tak hman ni se.
SOYABEAN	1. Drainage should be maintained properly to avoid water stagnation problem. 2. Intercrop with maize every 4-5 lines interval. 3. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 4. Provide fertilizer @20 kg/ha if required.
	1. Tuitling paihchhuahna tha taka siam tur. 2. Vaimim nen line 4-5 dan zelah chin pawlh tur. 3. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni.
BLACK GRAM	1. Due to moderate to light rainfall possibility of waterlogging will be high. So make a channel around the field to drain out the excess water in crop like pea, lentil, Lathyrus, toria, greengram and blackgram
	1. Ruahtui tla tura beisei a nih avangin fieldah tui a tlingkhawm theihna a sang hle. Chuvangin heng thlai pea, lentil, Lathyrus, toria, greengram leh blackgram

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Cover the exposed rhizomes with soil and place dry crop residue over it. 2. Under excessive moisture, there is every possibility of rhizome rot in ginger and turmeric. To manage the disease, provide adequate drainage and apply Trichoderma harzianum @ 50 g/bed along with FYM/ neem cake or apply Ridomil @ 2 g/lit of water.
	1. Lei atanga sawhthing/aieng zungrawn lang techu lei a vur a hnahtel ro hmanga khuhbo tur. 2. Lei a huh/hnawng lutuk chuan sawhthing/aieng tawih theihna a sang hle a. Heng laka ven nan hian tuitling paihchhuahna tha tak siam a Trichoderma harzianum @ 50 g/bed leh FYM/neem cake emaw Ridomil tui litre khat a gram 2 pawlh chu hman tur a ni.
BROCCOLI	1. Before transplanting the seedlings, go for root dip in Bavistin solution @1 grams per litre of water for ½ hour to check the damping-off disease. 2. Soil drenching of the nursery with 2gm/litre water of Bavistin, if symptoms of damping-off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial. 3. Monitor newly transplanted seedlings against the attack of Cutworm. Apply fresh and dry sawdust (wood) at the pit of the seedlings to repel cutworm.
	1. A chi tiak tawh phunsawn an nih hma in damping off natna laka vennis an zung techu darkar chanve chung vel Bavistin solution gram 1 tui litre khata siam ah chuan chiah hmasak tur. 2. Tui litre khata Bavistin gram 2 a siam chu nursery lei ah chuan phuh huh tur. A tiak tawih emaw vuai hmuh tur a awm anihchuan a zung chawp a phawi a thuk takah phum tur. 3. A tiak thar phunsawn tawh ho chu cutworm in a khawih chhia em tih enthlak thin tur. Cutworm laka vennis a kung tiak bulah chuan phuai tharlam leh ro tha phul tur.
BRINJAL	1. Interculture operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Fruit and shoot borer attack will mare in dry weather. Apply any systematic insecticide for better cure.
	1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh vawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 3. Thal lain pangang hian thlai leh thei tehi a eichhe nasa thei hle a. A tihdam/vennis systemic insecticide engpawh hman theih a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	<p>1. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. 2. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. 3. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. 4. Deworm your pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.</p> <p>1. Vawk note pianghlim techu swine fever natna laka vennan thla 3 an lo tlinin chiu thin tur, chu mi zawh ah annual booster hmanga chiu chhonzawm leh tur. 2. Natna hluar na hmuna awm tetan, thla 6 an lo tlinin FMD vaccine kum khatah vawi khat lak thin tur. 3. Vawk note kar khata upa te anaemia laka vennan iron supplement (0.5-1 ml IM/SC) chu pek thin tur, tichuan ni 14 hnu ah angai angchiah a pek leh tur. 4. Albendazole @ 5-10 mg/kg body weight chu rulhlut dannan pek tur, chumi hnu ni 21 hnu ah pek nawn leh tur.</p>

### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
FRESH WATER	<p>1. Partial harvest and segregate the large individuals (shooters) from the stock. 2. Re-stock the same number of fingerlings and adjust feeding rate to 2-3% of the body weight of the fish. 3. In case of occurrence of fish lice (Argulus) on the fish, apply Malathion @ 400 ml/Bigha or Methyl Parathion @ 200 ml/Bigha.</p> <p>1. Sangha thenkhat seng anih hnu ah a lian leh a te dah hran leh tur. 2. Sangha note chu a hma mi zat chiah dah leh tur, chuan an chaw pek zat tur pawh an rih zawng milin 2-3% a siam rem tur. 3. Engemaw thil vanga sangha in hrik (Argulus) an lo pai anihchuan Malathion @ 400 ml/Bigha emaw Methyl Parathion @ 200 ml/Bigha hman tur a ni.</p>



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 15-11-2019

Weather Forecast of AIZAWL(Mizoram) Issued On : 2019-11-15(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)
2019-11-16	0.0	24.0	14.0	95	41	3.4	122	0
2019-11-17	0.0	24.0	14.0	92	35	3.5	119	0
2019-11-18	0.0	23.0	13.0	90	33	3.3	119	0
2019-11-19	0.0	23.0	13.0	96	36	3.3	117	0
2019-11-20	0.0	23.0	13.0	89	34	3.5	116	0

### Weather Summary/Alert:

Light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 23-24 C and 14-15 C. Maximum relative humidity was expected in the range of 88-93% and minimum from 68-74%. Wind direction was southeasterly with the wind speed of 0.8-1.4 km per hour. Partially sky prevailed last three days. Weekly cumulative rainfall: 06.4 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 23-24 C a ni a, a vawh lai ber erawh chuan 14-15 C a ni. Boruak hnawn lai berin 88-93% a nih laini a hul lai erawh chuan 68-74% a ni thung. Thli hi darkar khatah 0.8-1.4 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: 06.4 mm

### General Advisory:

The possibility of rainfall will be less and the temperature will be high. Farmers should take the following general measures. 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. Provide dry bedding materials to livestock/poultry.

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:

Crops like tomato, brinjal and chilli in vegetative stage kindly provide support by bamboo stick.

Heng thlai tomato, bawkbawn leh hmarcha te vegetative stage anlo nih in mau phel hmangin dawm that tur.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this northern leaf blight disease spray approach (Methoxy-acrylates) @ 2 g/li of water in clear/ dry day. 2. Crop rotation with the legume. 3. Drainage should be appropriately maintained in heavy rainfall
	1. He Northern leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawlh chu khaw that laia kah tur a ni. 2. Thlai (Legume) ho nen chin pawlh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siam tur
SOYABEAN	1. Drainage should be maintained properly to avoid water stagnation problem. 2. Intercrop with maize every 4-5 lines interval. 3. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 4. Provide fertilizer @20 kg/ha if required.
	1. Tuitling paihchhuahna tha taka siam tur. 2. Vaimim nen line 4-5 dan zelah chin pawlh tur. 3. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni.
BLACK GRAM	1. Due to moderate to light rainfall possibility of waterlogging will be high. So make a channel around the field to drain out the excess water in crop like pea, lentil, Lathyrus, toria, greengram and blackgram
	1. Ruahtui tla tura beisei a nih avangin fieldah tui a tlingkhawm theihna a sang hle. Chuvangin heng thlai pea, lentil, Lathyrus, toria, greengram leh blackgram

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Cover the exposed rhizomes with soil and place dry crop residue over it. 2. Under excessive moisture, there is every possibility of rhizome rot in ginger and turmeric. To manage the disease, provide adequate drainage and apply Trichoderma harzianum @ 50 g/bed along with FYM/ neem cake or apply Ridomil @ 2 g/lit of water.
	1. Lei atanga sawhthing/aieng zung rawn lang techu lei a vur a hnahtel ro hmanga khuhbo tur. 2. Lei a huh/hnawng lutuk chuan sawhthing/aieng tawih theihna a sang hle a. Heng laka ven nan hian tuitling paihchhuahna tha tak siam a Trichoderma harzianum @ 50 g/bed leh FYM/neem cake emaw Ridomil tui litre khat a gram 2 pawlh chu hman tur a ni.
BROCCOLI	1. Before transplanting the seedlings, go for root dip in Bavistin solution @1 grams per litre of water for ½ hour to check the damping-off disease. 2. Soil drenching of the nursery with 2gm/litre water of Bavistin, if symptoms of damping-off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial. 3. Monitor newly transplanted seedlings against the attack of Cutworm. Apply fresh and dry sawdust (wood) at the pit of the seedlings to repel cutworm.
	1. A chi tiak tawh phunsawn an nih hma in damping off natna laka vennis an zung techu darkar chanve chung vel Bavistin solution gram 1 tui litre khata siam ah chuan chiah hmasak tur. 2. Tui litre khata Bavistin gram 2 a siam chu nursery lei ah chuan phuh huh tur. A tiak tawih emaw vuai hmuh tur a awm anihchuan a zung chawp a phawi a thuk takah phum tur. 3. A tiak thar phunsawn tawh ho chu cutworm in a khawih chhia em tih enthlak thin tur. Cutworm laka vennis a kung tiak bulah chuan phuai tharlam leh ro tha phul tur.
BRINJAL	1. Interculture operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Fruit and shoot borer attack will mare in dry weather. Apply any systematic insecticide for better cure.
	1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh vawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 3. Thal laiin pangang hian thlai leh thei tehi a eichhe nasa thei hle a. A tihdam/vennis systemic insecticide engpawh hman theih a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. 2. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. 3. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. 4. Deworm your pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
PIG	1. Vawk note pianghlim techu swine fever natna laka vennis thla 3 an lo tlinin chiu thin tur, chu mi zawh ah annual booster hmanga chiu chhonzawm leh tur. 2. Natna hluar na hmuna awm tetan, thla 6 an lo tlinin FMD vaccine kum khatah vawi khat lak thin tur. 3. Vawk note kar khata upa te anaemia laka vennis iron supplement (0.5-1 ml IM/SC) chu pek thin tur, tichuan ni 14 hnu ah angai angchiah a pek leh tur. 4. Albendazole @ 5-10 mg/kg body weight chu rulhlut dannan pek tur, chumi hnu ni 21 hnu ah pek nawn leh tur.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Protect poultry houses from extreme rain/wind by covering with polythene sheets on the sheds. 2. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. 3. Litter should be change periodically and provide clean drinking water and changed the water every day. 4. Diseased and dead birds should be immediately removed.
CHICKEN	1. Thli leh ruahpui laka vennis ar-in techu polythene sheets hmanga khuh tur. 2. Hrisel taka an lo thanlen theihnan an nitin tui intur ah vitamin B complex tui litre khata 7ml pawlh chu pek thin tur. 3. Hun bi neiin an ek techu tihfai thin tur. Tui thiaghlim chauh pe in an tui intur pawh nitin thlak thin tur. 4. Natna nei leh thi techu laksawn nghal tur.



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 15-11-2019

Weather Forecast of CHAMPHAI(Mizoram) Issued On : 2019-11-15(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)
2019-11-16	0.0	24.0	14.0	96	36	3.6	117	0
2019-11-17	0.0	24.0	14.0	86	30	4.1	113	1
2019-11-18	0.0	23.0	13.0	77	22	3.8	110	0
2019-11-19	0.0	23.0	13.0	87	24	3.5	105	0
2019-11-20	0.0	23.0	13.0	87	23	3.5	109	0

### Weather Summary/Alert:

Light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 24-25 C and 14-15 C. Maximum relative humidity was expected in the range of 84-91% and minimum from 64-75%. Wind direction was southeasterly with the wind speed of 1.1-2.4 km per hour. Partially sky prevailed last three days. Weekly cumulative rainfall: 04.1 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 24-25 C a ni a, a vawh lai ber erawh chuan 14-15 C a ni. Boruak hnawn lai berin 84-91% a nih laiin a hul lai erawh chuan 64-75% a ni thung. Thli hi darkar khatah 1.1-2.4 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: 04.1 mm

### General Advisory:

The possibility of rainfall will be less and the temperature will be high. Farmers should take the following general measures. 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. Provide dry bedding materials to livestock/poultry.

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:

Crops like tomato, brinjal and chilli in vegetative stage kindly provide support by bamboo stick.

Heng thlai tomato, bawkbawn leh hmarcha te vegetative stage anlo nih in mau phel hmangin dawm that tur.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	1. Uproot all weed from lowland rice field to avoid mixing weed seed to the 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. Buh hmun a hnimhnah to zawng zawng te buh chi nen a a inchawhpawlh loh nan leh rannung eichhetute lak atanga vennis a zung chawp a phawi chhuah vek tur. 2. Sazu thang eng chi pawh hman theih a ni. Mithiamten an kawhhmuh sazu tur tepawh a hman theih a ni. 3. Sava venna tur mumal tak hman ni se.
SOYABEAN	1. Drainage should be maintained properly to avoid water stagnation problem. 2. Intercrop with maize every 4-5 lines interval. 3. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 4. Provide fertilizer @20 kg/ha if required.
	1. Tuitling paihchhuahna tha taka siam tur. 2. Vaimim nen line 4-5 dan zelah chin pawlh tur. 3. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni.
BLACK GRAM	1. Due to moderate to light rainfall possibility of waterlogging will be high. So make a channel around the field to drain out the excess water in crop like pea, lentil, Lathyrus, toria, greengram and blackgram
	1. Ruahtui tla tura beisei a nih avangin fieldah tui a tlingkhawm theihna a sang hle. Chuvangin heng thlai pea, lentil, Lathyrus, toria, greengram leh blackgram

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Cover the exposed rhizomes with soil and place dry crop residue over it. 2. Under excessive moisture, there is every possibility of rhizome rot in ginger and turmeric. To manage the disease, provide adequate drainage and apply Trichoderma harzianum @ 50 g/bed along with FYM/ neem cake or apply Ridomil @ 2 g/lit of water.
	1. Lei atanga sawhthing/aieng zungrawn lang techu lei a vur a hnahtel ro hmanga khuhbo tur. 2. Lei a huh/hnawng lutuk chuan sawhthing/aieng tawih theihna a sang hle a. Heng laka ven nan hian tuitling paihchhuahna tha tak siam a Trichoderma harzianum @ 50 g/bed leh FYM/neem cake emaw Ridomil tui litre khat a gram 2 pawlh chu hman tur a ni.
BROCCOLI	1. Before transplanting the seedlings, go for root dip in Bavistin solution @1 grams per litre of water for ½ hour to check the damping-off disease. 2. Soil drenching of the nursery with 2gm/litre water of Bavistin, if symptoms of damping-off/wilting are observed. Uproot and destroy the wilted seedlings by deep burial. 3. Monitor newly transplanted seedlings against the attack of Cutworm. Apply fresh and dry sawdust (wood) at the pit of the seedlings to repel cutworm.
	1. A chi tiak tawh phunsawn an nih hma in damping off natna laka vennis an zung techu darkar chanve chung vel Bavistin solution gram 1 tui litre khata siam ah chuan chiah hmasak tur. 2. Tui litre khata Bavistin gram 2 a siam chu nursery lei ah chuan phuh huh tur. A tiak tawih emaw vuai hmuh tur a awm anihchuan a zung chawp a phawi a thuk takah phum tur. 3. A tiak thar phunsawn tawh ho chu cutworm in a khawih chhia em tih enthlak thin tur. Cutworm laka vennis a kung tiak bulah chuan phuai tharlam leh ro tha phul tur.
CHILLI	1. Interculture operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant.
	1. Thlawhmma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh vawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. 2. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. 3. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. 4. Deworm your pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
PIG	1. Vawk note pianghlim techu swine fever natna laka vennan thla 3 an lo tlinin chiu thin tur, chu mi zawh ah annual booster hmanga chiu chhunzawm leh tur. 2. Natna hluar na hmuna awm tetan, thla 6 an lo tlinin FMD vaccine kum khatah vawi khat lak thin tur. 3. Vawk note kar khata upa te anaemia laka vennan iron supplement (0.5-1 ml IM/SC) chu pek thin tur, tichuan ni 14 hnu ah angai angchiah a pek leh tur. 4. Albendazole @ 5-10 mg/kg body weight chu rulhlut dannan pek tur, chumi hnu ni 21 hnu ah pek nawn leh tur.

### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
FRESH WATER	1. Partial harvest and segregate the large individuals (shooters) from the stock. 2. Re-stock the same number of fingerlings and adjust feeding rate to 2-3% of the body weight of the fish. 3. In case of occurrence of fish lice (Argulus) on the fish, apply Malathion @ 400 ml/Bigha or Methyl Parathion @ 200 ml/Bigha. 1. Sangha thenkhat seng anih hnu ah a lian leh a te dah hran leh tur. 2. Sangha note chu a hma mi zat chiah dah leh tur, chuan an chaw pek zat tur pawh an rih zawng milin 2-3% a siam rem tur. 3. Engemaw thil vanga sangha in hrik (Argulus) an lo pai anihchuan Malathion @ 400 ml/Bigha emaw Methyl Parathion @ 200 ml/Bigha hman tur a ni.



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 15-11-2019

Weather Forecast of KOLASIB(Mizoram) Issued On : 2019-11-15(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)
2019-11-16	0.0	26.0	18.0	98	46	3.1	128	0
2019-11-17	0.0	26.0	18.0	97	43	3.1	124	0
2019-11-18	0.0	25.0	17.0	97	43	3.1	126	0
2019-11-19	0.0	25.0	17.0	96	41	3.2	124	0
2019-11-20	0.0	25.0	17.0	92	40	3.3	122	0

### Weather Summary/Alert:

Light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 25-26 C and 17-18 C. Maximum relative humidity was expected in the range of 82-93% and minimum from 66-74%. Wind direction was easterly to southeasterly with the wind speed of 1.1-1.9 km per hour. Partially sky prevailed last three days. Weekly cumulative rainfall: 03.2 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 25-26 C a ni a, a vawh lai ber erawh chuan 17-18 C a ni. Boruak hnawn lai berin 82-93% a nih laiin a hul lai erawh chuan 66-74% a ni thung. Thli hi darkar khatah 1.1-1.9 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: 03.2 mm

### General Advisory:

The possibility of rainfall will be less and the temperature will be high. Farmers should take the following general measures. 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. Provide dry bedding materials to livestock/poultry.

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:

Crops like tomato, brinjal and chilli in vegetative stage kindly provide support by bamboo stick.

Heng thlai tomato, bawkbawn leh hmarcha te vegetative stage anlo nih in mau phel hmangin dawm that tur.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	1. Uproot all weed from lowland rice field to avoid mixing weed seed to the 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. Buh hmun a hnimhnah to zawng zawng te buh chi nen a a inchawhpawlh loh nan leh rannung eichhetute lak atanga vennis a zung chawp a phawi chhuah vek tur. 2. Sazu thang eng chi pawh hman theih a ni. Mithiamten an kawhhmuh sazu tur tepawh a hman theih a ni. 3. Sava venna tur mumal tak hman ni se.
SOYABEAN	1. Drainage should be maintained properly to avoid water stagnation problem. 2. Intercrop with maize every 4-5 lines interval. 3. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 4. Provide fertilizer @20 kg/ha if required.
	1. Tuitling paihchhuahna tha taka siam tur. 2. Vaimim nen line 4-5 dan zelah chin pawlh tur. 3. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni.
BLACK GRAM	1. Due to moderate to light rainfall possibility of waterlogging will be high. So make a channel around the field to drain out the excess water in crop like pea, lentil, Lathyrus, toria, greengram and blackgram
	1. Ruahtui tla tura beisei a nih avangin fieldah tui a tlingkhawm theihna a sang hle. Chuvangin heng thlai pea, lentil, Lathyrus, toria, greengram leh blackgram

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Cover the exposed rhizomes with soil and place dry crop residue over it. 2. Under excessive moisture, there is every possibility of rhizome rot in ginger and turmeric. To manage the disease, provide adequate drainage and apply Trichoderma harzianum @ 50 g/bed along with FYM/ neem cake or apply Ridomil @ 2 g/l of water.
	1. Lei atanga sawhthing/aieng zungrawn lang techu lei a vur a hnahtel ro hmanga khuhbo tur. 2. Lei a huh/hnawng lutuk chuan sawhthing/aieng tawih theihna a sang hle a. Heng laka ven nan hian tuitling paihchhuahna tha tak siam a Trichoderma harzianum @ 50 g/bed leh FYM/neem cake emaw Ridomil tui litre khat a gram 2 pawlh chu hman tur a ni.
CABBAGE	1. Before transplanting the seedlings, go for root dip in Bavistin solution @1 grams per litre of water for ½ hour to check the damping-off disease. 2. Soil drenching of the nursery with 2gm/litre water of Bavistin, if symptoms of damping-off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial. 3. Monitor newly transplanted seedlings against the attack of Cutworm. Apply fresh and dry sawdust (wood) at the pit of the seedlings to repel cutworm.
	1. A chi tiak tawh phunsawn an nih hma in damping off natna laka vennis an zung techu darkar chanve chung vel Bavistin solution gram 1 tui litre khata siam ah chuan chiah hmasak tur. 2. Tui litre khata Bavistin gram 2 a siam chu nursery lei ah chuan phuh huh tur. A tiak tawih emaw vuai hmuh tur a awm anihchuan a zung chawp a phawi a thuk takah phum tur. 3. A tiak thar phunsawn tawh ho chu cutworm in a khawih chhia em tih enthlak thin tur. Cutworm laka vennis a kung tiak bulah chuan phuai tharlam leh ro tha phul tur.
BRINJAL	1. Interculture operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Fruit and shoot borer attack will mare in dry weather. Apply any systematic insecticide for better cure.
	1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh vawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 3. Thal lain pangang hian thlai leh thei tehi a eichhe nasa thei hle a. A tihdam/vennis systemic insecticide engpawh hman theih a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	<p>1. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. 2. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. 3. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. 4. Deworm your pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.</p> <p>1. Vawk note pianghlim techu swine fever natna laka vennan thla 3 an lo tlinin chiu thin tur, chu mi zawh ah annual booster hmanga chiu chhonzawm leh tur. 2. Natna hluar na hmuna awm tetan, thla 6 an lo tlinin FMD vaccine kum khatah vawi khat lak thin tur. 3. Vawk note kar khata upa te anaemia laka vennan iron supplement (0.5-1 ml IM/SC) chu pek thin tur, tichuan ni 14 hnu ah angai angchiah a pek leh tur. 4. Albendazole @ 5-10 mg/kg body weight chu rulhlut dannan pek tur, chumi hnu ni 21 hnu ah pek nawn leh tur.</p>

### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
FRESH WATER	<p>1. Partial harvest and segregate the large individuals (shooters) from the stock. 2. Re-stock the same number of fingerlings and adjust feeding rate to 2-3% of the body weight of the fish. 3. In case of occurrence of fish lice (Argulus) on the fish, apply Malathion @ 400 ml/Bigha or Methyl Parathion @ 200 ml/Bigha.</p> <p>1. Sangha thenkhat seng anih hnu ah a lian leh a te dah hran leh tur. 2. Sangha note chu a hma mi zat chiah dah leh tur, chuan an chaw pek zat tur pawh an rih zawng milin 2-3% a siam rem tur. 3. Engemaw thil vanga sangha in hrik (Argulus) an lo pai anihchuan Malathion @ 400 ml/Bigha emaw Methyl Parathion @ 200 ml/Bigha hman tur a ni.</p>



## Gramin Krishi Mausam Sewa

India Meteorological Department  
ICAR Complex Branch  
Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 15-11-2019

Weather Forecast of LAWNGTLAI(Mizoram) Issued On : 2019-11-15(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)
2019-11-16	0.0	24.0	14.0	90	40	3.3	78	0
2019-11-17	0.0	24.0	14.0	91	38	3.4	71	2
2019-11-18	0.0	23.0	13.0	76	30	3.5	69	2
2019-11-19	0.0	23.0	13.0	81	31	3.4	67	1
2019-11-20	0.0	23.0	13.0	80	31	3.3	79	0

### Weather Summary/Alert:

Light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 25-26 C and 15 C. Maximum relative humidity was expected in the range of 81-92% and minimum from 67-74%. Wind direction was southeasterly to easterly with the wind speed of 0.8-1.8 km per hour. Partially sky prevailed last three days. Weekly cumulative rainfall: 01.2 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 25-26 C a ni a, a vawh lai ber erawh chuan 15 C a ni. Boruak hnawn lai berin 81-92% a nih laiin a hul lai erawh chuan 67-74% a ni thung. Thli hi darkar khatah 0.8-1.8 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: 01.2 mm

### General Advisory:

The possibility of rainfall will be less and the temperature will be high. Farmers should take the following general measures. 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. Provide dry bedding materials to livestock/poultry.

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:

Crops like tomato, brinjal and chilli in vegetative stage kindly provide support by bamboo stick.

Heng thlai tomato, bawkbawn leh hmarcha te vegetative stage anlo nih in mau phel hmangin dawm that tur.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this northern leaf blight disease spray approach (Methoxy-acrylates) @ 2 g/li of water in clear/ dry day. 2. Crop rotation with the legume. 3. Drainage should be appropriately maintained in heavy rainfall
	1. He Northern leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawlh chu khaw that laia kah tur a ni. 2. Thlai (Legume) ho nen chin pawlh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siam tur
SOYABEAN	1. Drainage should be maintained properly to avoid water stagnation problem. 2. Intercrop with maize every 4-5 lines interval. 3. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 4. Provide fertilizer @20 kg/ha if required.
	1. Tuitling paihchhuahna tha taka siam tur. 2. Vaimim nen line 4-5 dan zelah chin pawlh tur. 3. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni.
BLACK GRAM	1. Due to moderate to light rainfall possibility of waterlogging will be high. So make a channel around the field to drain out the excess water in crop like pea, lentil, Lathyrus, toria, greengram and blackgram
	1. Ruahtui tla tura beisei a nih avangin fieldah tui a tlingkhawm theihna a sang hle. Chuvangin heng thlai pea, lentil, Lathyrus, toria, greengram leh blackgram

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Cover the exposed rhizomes with soil and place dry crop residue over it. 2. Under excessive moisture, there is every possibility of rhizome rot in ginger and turmeric. To manage the disease, provide adequate drainage and apply Trichoderma harzianum @ 50 g/bed along with FYM/ neem cake or apply Ridomil @ 2 g/lit of water.
	1. Lei atanga sawhthing/aieng zungrawn lang techu lei a vur a hnahtel ro hmanga khuhbo tur. 2. Lei a huh/hnawng lutuk chuan sawhthing/aieng tawih theihna a sang hle a. Heng laka ven nan hian tuitling paihchhuahna tha tak siam a Trichoderma harzianum @ 50 g/bed leh FYM/neem cake emaw Ridomil tui litre khat a gram 2 pawlh chu hman tur a ni.
BROCCOLI	1. Before transplanting the seedlings, go for root dip in Bavistin solution @1 grams per litre of water for ½ hour to check the damping-off disease. 2. Soil drenching of the nursery with 2gm/litre water of Bavistin, if symptoms of damping-off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial. 3. Monitor newly transplanted seedlings against the attack of Cutworm. Apply fresh and dry sawdust (wood) at the pit of the seedlings to repel cutworm.
	1. A chi tiak tawh phunsawn an nih hma in damping off natna laka vennis an zung techu darkar chanve chung vel Bavistin solution gram 1 tui litre khata siam ah chuan chiah hmasak tur. 2. Tui litre khata Bavistin gram 2 a siam chu nursery lei ah chuan phuh huh tur. A tiak tawih emaw vuai hmuh tur a awm anihchuan a zung chawp a phawi a thuk takah phum tur. 3. A tiak thar phunsawn tawh ho chu cutworm in a khawih chhia em tih enthlak thin tur. Cutworm laka vennis a kung tiak bulah chuan phuai tharlam leh ro tha phul tur.
BRINJAL	1. Interculture operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Fruit and shoot borer attack will mare in dry weather. Apply any systematic insecticide for better cure.
	1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh vawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 3. Thal laiin pangang hian thlai leh thei tehi a eichhe nasa thei hle a. A tihdam/vennis systemic insecticide engpawh hman theih a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. 2. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. 3. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. 4. Deworm your pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
PIG	1. Vawk note pianghlim techu swine fever natna laka venna thla 3 an lo tlinin chiu thin tur, chu mi zawh ah annual booster hmanga chiu chhonzawm leh tur. 2. Natna hluar na hmuna awm tetan, thla 6 an lo tlinin FMD vaccine kum khatah vawi khat lak thin tur. 3. Vawk note kar khata upa te anaemia laka venna iron supplement (0.5-1 ml IM/SC) chu pek thin tur, tichuan ni 14 hnu ah angai angchiah a pek leh tur. 4. Albendazole @ 5-10 mg/kg body weight chu rulhlut dannan pek tur, chumi hnu ni 21 hnu ah pek nawn leh tur.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Protect poultry houses from extreme rain/wind by covering with polythene sheets on the sheds. 2. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. 3. Litter should be change periodically and provide clean drinking water and changed the water every day. 4. Diseased and dead birds should be immediately removed.
CHICKEN	1. Thli leh ruahpui laka venna ar-in techu polythene sheets hmanga khuh tur. 2. Hrisel taka an lo thanlen theihnan an nitin tui intur ah vitamin B complex tui litre khata 7ml pawlh chu pek thin tur. 3. Hun bi neiin an ek techu tihfai thin tur. Tui thiaghlim chauh pe in an tui intur pawh nitin thlak thin tur. 4. Natna nei leh thi techu laksawn nghal tur.



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 15-11-2019

Weather Forecast of LUNGLEI(Mizoram) Issued On : 2019-11-15(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)
2019-11-16	0.0	26.0	16.0	94	42	3.6	80	0
2019-11-17	0.0	26.0	16.0	91	37	3.7	77	2
2019-11-18	0.0	25.0	15.0	78	30	3.6	77	1
2019-11-19	0.0	25.0	15.0	86	32	3.5	74	1
2019-11-20	0.0	25.0	15.0	85	31	3.6	79	0

### Weather Summary/Alert:

Light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 22-25 C and 14-15 C. Maximum relative humidity was expected in the range of 81-93% and minimum from 62-75%. Wind direction was southeasterly with the wind speed of 1.2-2.1 km per hour. Partially sky prevailed last three days. Weekly cumulative rainfall: 02.2 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 22-25 C a ni a, a vawh lai ber erawh chuan 14-15 C a ni. Boruak hnawn lai berin 81-93% a nih laiin a hul lai erawh chuan 62-75% a ni thung. Thli hi darkar khatah 1.2-2.1 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: 02.2 mm

### General Advisory:

The possibility of rainfall will be less and the temperature will be high. Farmers should take the following general measures. 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. Provide dry bedding materials to livestock/poultry.

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:

Crops like tomato, brinjal and chilli in vegetative stage kindly provide support by bamboo stick.

Heng thlai tomato, bawkbawn leh hmarcha te vegetative stage anlo nih in mau phel hmangin dawm that tur.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this northern leaf blight disease spray approach (Methoxy-acrylates) @ 2 g/li of water in clear/ dry day. 2. Crop rotation with the legume. 3. Drainage should be appropriately maintained in heavy rainfall
	1. He Northern leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawlh chu khaw that laia kah tur a ni. 2. Thlai (Legume) ho nen chin pawlh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siam tur
SOYABEAN	1. Drainage should be maintained properly to avoid water stagnation problem. 2. Intercrop with maize every 4-5 lines interval. 3. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 4. Provide fertilizer @20 kg/ha if required.
	1. Tuitling paihchhuahna tha taka siam tur. 2. Vaimim nen line 4-5 dan zelah chin pawlh tur. 3. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni.
BLACK GRAM	1. Due to moderate to light rainfall possibility of waterlogging will be high. So make a channel around the field to drain out the excess water in crop like pea, lentil, Lathyrus, toria, greengram and blackgram
	1. Ruahtui tla tura beisei a nih avangin fieldah tui a tlingkhawm theihna a sang hle. Chuvangin heng thlai pea, lentil, Lathyrus, toria, greengram leh blackgram

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Cover the exposed rhizomes with soil and place dry crop residue over it. 2. Under excessive moisture, there is every possibility of rhizome rot in ginger and turmeric. To manage the disease, provide adequate drainage and apply Trichoderma harzianum @ 50 g/bed along with FYM/ neem cake or apply Ridomil @ 2 g/lit of water.
	1. Lei atanga sawhthing/aieng zungrawn lang techu lei a vur a hnahtel ro hmanga khuhbo tur. 2. Lei a huh/hnawng lutuk chuan sawhthing/aieng tawih theihna a sang hle a. Heng laka ven nan hian tuitling paihchhuahna tha tak siam a Trichoderma harzianum @ 50 g/bed leh FYM/neem cake emaw Ridomil tui litre khat a gram 2 pawlh chu hman tur a ni.
BROCCOLI	1. Before transplanting the seedlings, go for root dip in Bavistin solution @1 grams per litre of water for ½ hour to check the damping-off disease. 2. Soil drenching of the nursery with 2gm/litre water of Bavistin, if symptoms of damping-off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial. 3. Monitor newly transplanted seedlings against the attack of Cutworm. Apply fresh and dry sawdust (wood) at the pit of the seedlings to repel cutworm.
	1. A chi tiak tawh phunsawn an nih hma in damping off natna laka vennis an zung techu darkar chanve chung vel Bavistin solution gram 1 tui litre khata siam ah chuan chiah hmasak tur. 2. Tui litre khata Bavistin gram 2 a siam chu nursery lei ah chuan phuh huh tur. A tiak tawih emaw vuai hmuh tur a awm anihchuan a zung chawp a phawi a thuk takah phum tur. 3. A tiak thar phunsawn tawh ho chu cutworm in a khawih chhia em tih enthlak thin tur. Cutworm laka vennis a kung tiak bulah chuan phuai tharlam leh ro tha phul tur.
CHILLI	1. Interculture operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant. 3. Fruit and shoot borer attack will mare in dry weather. Apply any systematic insecticide for better cure.
	1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh vawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur. 3. Thal laiin pangang hian thlai leh thei tehi a eichhe nasa thei hle a. A tihdam/vennis systemic insecticide engpawh hman theih a ni.

### Livestock Specific Advisory:

Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. 2. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. 3. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. 4. Deworm your pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
PIG	1. Vawk note pianghlim techu swine fever natna laka vennis thla 3 an lo tlinin chiu thin tur, chu mi zawh ah annual booster hmanga chiu chhonzawm leh tur. 2. Natna hluar na hmuna awm tetan, thla 6 an lo tlinin FMD vaccine kum khatah vawi khat lak thin tur. 3. Vawk note kar khata upa te anaemia laka vennis iron supplement (0.5-1 ml IM/SC) chu pek thin tur, tichuan ni 14 hnu ah angai angchiah a pek leh tur. 4. Albendazole @ 5-10 mg/kg body weight chu rulhlut dannan pek tur, chumi hnu ni 21 hnu ah pek nawn leh tur.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Protect poultry houses from extreme rain/wind by covering with polythene sheets on the sheds. 2. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. 3. Litter should be change periodically and provide clean drinking water and changed the water every day. 4. Diseased and dead birds should be immediately removed.
CHICKEN	1. Thli leh ruahpui laka vennis ar-in techu polythene sheets hmanga khuh tur. 2. Hrisel taka an lo thanlen theihnan an nitin tui intur ah vitamin B complex tui litre khata 7ml pawlh chu pek thin tur. 3. Hun bi neiin an ek techu tihfai thin tur. Tui thiaghlim chauh pe in an tui intur pawh nitin thlak thin tur. 4. Natna nei leh thi techu laksawn nghal tur.



## Gramin Krishi Mausam Sewa

India Meteorological Department

ICAR Complex Branch

Umiam, Meghalaya



# Agromet Advisory Bulletin

Date : 15-11-2019

Weather Forecast of SAIHA(Mizoram) Issued On : 2019-11-15(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)
2019-11-16	0.0	24.0	14.0	89	38	4.0	80	0
2019-11-17	0.0	24.0	14.0	88	35	4.0	79	2
2019-11-18	0.0	23.0	13.0	67	26	4.2	79	2
2019-11-19	0.0	23.0	13.0	71	25	4.0	77	2
2019-11-20	0.0	23.0	13.0	76	23	4.1	82	0

### Weather Summary/Alert:

Light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 22-24 C and 13-15 C. Maximum relative humidity was expected in the range of 83-91% and minimum from 65-73%. Wind direction was easterly to southeasterly with the wind speed of 1.1-2.2 km per hour. Partially sky prevailed last three days. Weekly cumulative rainfall: 04.2 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 22-24 C a ni a, a vawh lai ber erawh chuan 13-15 C a ni. Boruak hnawn lai berin 83-91% a nih laiin a hul lai erawh chuan 65-73% a ni thung. Thli hi darkar khatah 1.1-2.2 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: 04.2 mm

### General Advisory:

The possibility of rainfall will be less and the temperature will be high. Farmers should take the following general measures. 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. Provide dry bedding materials to livestock/poultry.

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:

Crops like tomato, brinjal and chilli in vegetative stage kindly provide support by bamboo stick.

Heng thlai tomato, bawkbawn leh hmarcha te vegetative stage anlo nih in mau phel hmangin dawm that tur.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	1. To manage this northern leaf blight disease spray approach (Methoxy-acrylates) @ 2 g/li of water in clear/ dry day. 2. Crop rotation with the legume. 3. Drainage should be appropriately maintained in heavy rainfall
	1. He Northern leaf blight natna enkawl nan hian Methoxy-acrylates gram 2 chu tui litre khatah chawhpawlh chu khaw that laia kah tur a ni. 2. Thlai (Legume) ho nen chin pawlh ni se. 3. Ruahtui tling paihchhuahna tur tha taka siam tur
SOYABEAN	1. Drainage should be maintained properly to avoid water stagnation problem. 2. Intercrop with maize every 4-5 lines interval. 3. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 4. Provide fertilizer @20 kg/ha if required.
	1. Tuitling paihchhuahna tha taka siam tur. 2. Vaimim nen line 4-5 dan zelah chin pawlh tur. 3. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni.
BLACK GRAM	1. Due to moderate to light rainfall possibility of waterlogging will be high. So make a channel around the field to drain out the excess water in crop like pea, lentil, Lathyrus, toria, greengram and blackgram
	1. Ruahtui tla tura beisei a nih avangin fieldah tui a tlingkhawm theihna a sang hle. Chuvangin heng thlai pea, lentil, Lathyrus, toria, greengram leh blackgram

### Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
TURMERIC	1. Cover the exposed rhizomes with soil and place dry crop residue over it. 2. Under excessive moisture, there is every possibility of rhizome rot in ginger and turmeric. To manage the disease, provide adequate drainage and apply Trichoderma harzianum @ 50 g/bed along with FYM/ neem cake or apply Ridomil @ 2 g/lit of water.
	1. Lei atanga sawhthing/aieng zung rawn lang techu lei a vur a hnahtel ro hmanga khuhbo tur. 2. Lei a huh/hnawng lutuk chuan sawhthing/aieng tawih theihna a sang hle a. Heng laka ven nan hian tuitling paihchhuahna tha tak siam a Trichoderma harzianum @ 50 g/bed leh FYM/neem cake emaw Ridomil tui litre khat a gram 2 pawlh chu hman tur a ni.
BROCCOLI	1. Before transplanting the seedlings, go for root dip in Bavistin solution @1 grams per litre of water for ½ hour to check the damping-off disease. 2. Soil drenching of the nursery with 2gm/litre water of Bavistin, if symptoms of damping-off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial. 3. Monitor newly transplanted seedlings against the attack of Cutworm. Apply fresh and dry sawdust (wood) at the pit of the seedlings to repel cutworm.
	1. A chi tiak tawh phunsawn an nih hma in damping off natna laka vennis an zung techu darkar chanve chung vel Bavistin solution gram 1 tui litre khata siam ah chuan chiah hmasak tur. 2. Tui litre khata Bavistin gram 2 a siam chu nursery lei ah chuan phuh huh tur. A tiak tawih emaw vuai hmuh tur a awm anihchuan a zung chawp a phawi a thuk takah phum tur. 3. A tiak thar phunsawn tawh ho chu cutworm in a khawih chhia em tih enthlak thin tur. Cutworm laka vennis a kung tiak bulah chuan phuai tharlam leh ro tha phul tur.
CHILLI	1. Interculture operation should be done near to the base of the plant. 2. Apply split dose of nitrogenous fertilizer to the plant.
	1. Thlawhhma kan tihfai reng reng in thlai kung bul hnaih chetah nithei se. 2. Urea leh leitha petu adang tepawh vawi khatah a vaia pe lo in, thlai chin azirin dose hrang hrang a pek tur.

### Livestock Specific Advisory:

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

Livestock(Varieties)	Livestock Specific Advisory
PIG	1. Vaccinate all newly born piglets against swine fever at the age of 3 months followed by annual booster dose. 2. In endemic areas, vaccinate 6 months old pigs with FMD vaccine once in a year. 3. Iron supplementation in piglet to prevent from piglet anaemia during 1st week of age (0.5-1 ml IM/SC) repeat after 14 days. 4. Deworm your pigs by albendazole @ 5-10 mg/kg body weight once and repeat after 21 days.
PIG	1. Vawk note pianghlim techu swine fever natna laka vennan thla 3 an lo tlinin chiu thin tur, chu mi zawh ah annual booster hmanga chiu chhonzawm leh tur. 2. Natna hluar na hmuna awm tetan, thla 6 an lo tlinin FMD vaccine kum khatah vawi khat lak thin tur. 3. Vawk note kar khata upa te anaemia laka vennan iron supplement (0.5-1 ml IM/SC) chu pek thin tur, tichuan ni 14 hnu ah angai angchiah a pek leh tur. 4. Albendazole @ 5-10 mg/kg body weight chu rulhlut dannan pek tur, chumi hnu ni 21 hnu ah pek nawn leh tur.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	1. Protect poultry houses from extreme rain/wind by covering with polythene sheets on the sheds. 2. Provide vitamin B complex @ 7ml/litre in drinking water daily in broiler for healthy growth. 3. Litter should be change periodically and provide clean drinking water and changed the water every day. 4. Diseased and dead birds should be immediately removed.
CHICKEN	1. Thli leh ruahpui laka vennan ar-in techu polythene sheets hmanga khuh tur. 2. Hrisel taka an lo thanlen theihnan an nitin tui intur ah vitamin B complex tui litre khata 7ml pawlh chu pek thin tur. 3. Hun bi neiin an ek techu tihfai thin tur. Tui thiaghlim chauh pe in an tui intur pawh nitin thlak thin tur. 4. Natna nei leh thi techu laksawn nghal tur.