



## 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 : 04-10-2019

Weather Forecast of SAIHA(Mizoram) Issued On : 2019-10-04(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)
2019-10-05	13.0	31.0	25.0	99	50	3.2	89	7
2019-10-06	15.0	32.0	24.0	98	57	2.8	82	8
2019-10-07	30.0	32.0	24.0	99	63	3.0	89	8
2019-10-08	20.0	30.0	23.0	99	79	2.9	96	8
2019-10-09	8.0	31.0	22.0	98	76	3.1	84	6

#### Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 22-24 C and 14-15 C. Maximum relative humidity was expected in the range of 82-92% and minimum from 63-71%. Wind direction was easterly to southeasterly with the wind speed of 1.1-2.4 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 21.1 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 14-15 C a ni. Boruak hnawn lai berin 82-92% a nih laiin a hul lai erawh chuan 63-71% 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: 21.1 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:

Seedbed for off season vegetables may be prepared under raise bed cultivation and bed must be treated against fungal attack before sowing

Off season thlai chinna hmun atan a chhuat tur chu lei rihvum a siam kan tur a ni a, a chi kan tuh hma in natna awmthei laka vennan enkawl hmasak tur a ni.

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	<p>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.</p> <p>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.</p>
SOYBEAN(JS 331)	<p>1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as its support 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.</p> <p>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.</p>
MAIZE(HYBRID)	<p>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.</p> <p>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.</p>

**Horticulture Specific Advisory:**

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	<p>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</p> <p>1. Tunlai kan khawchin thirin 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.</p>
TOMATO(HYBRID)	<p>1. In present weather conditions, raising nursery of hybrid tomato 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</p> <p>1. Tunlai kan khawchin thirin hybrid tomato nursery siam hunlai tak a ni. 2. Tomato 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.</p>
GINGER(LOCAL)	<p>1. Use a split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/l of water to reduce stem root infection.</p> <p>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.</p>

**Livestock Specific Advisory:**

<b>Livestock(Varieties)</b>	<b>Livestock Specific Advisory</b>
PIG(LOCAL)	1. Provide FMD vaccination at 6 months of age under the supervision of authorized veterinary experts. 2. In present weather conditions provide adequate clean water to the animals throughout the day. 3. Prevent the pigs from wandering about where they can feed on human faeces
	1. Vety lama mithiamte hriatpuina in thla 6 an lo nih hian FMD vaccine lak tir tur. 2. Tunlai khawchin thlirin tui intur thianghlim tak pek nithei bawk se. 3. Kan vawk techu tuallai a mihring ek ei a an vah kual mai mai lohna turin ven that tur.

**Poultry Specific Advisory:**

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
CHICKEN(LOCAL IMPROVED BREED)	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.



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### Agromet Advisory Bulletin

Date : 04-10-2019

Weather Forecast of SERCHHIP(Mizoram) Issued On : 2019-10-04(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)
2019-10-05	30.0	30.0	24.0	100	63	2.6	110	7
2019-10-06	25.0	31.0	24.0	99	50	2.6	97	8
2019-10-07	38.0	29.0	24.0	99	67	2.5	100	7
2019-10-08	39.0	29.0	24.0	99	88	2.6	108	7
2019-10-09	10.0	28.0	24.0	99	95	2.7	86	7

#### 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 15-16 C. Maximum relative humidity was expected in the range of 83-95% and minimum from 66-72%. Wind direction was southeasterly with the wind speed of 1.2-2.1 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 12.8 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber 24-27 C a ni a, a vawh lai ber erawh chuan 15-16 C a ni. Boruak hnawn lai berin 83-95% a nih lain a hul lai erawh chuan 66-72% 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: 12.8 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:

Seedbed for off season vegetables may be prepared under raise bed cultivation and bed must be treated against fungal attack before sowing

Off season thlai chinna hmun atan a chhuat tur chu lei rihvum a siam kan tur a ni a, a chi kan tuh hma in natna awmthei laka vennan enkawl hmasak tur a ni.

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
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. 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 kawhmuh sazu tur tepawh a hman theih a ni. 3. Sava venna tur mumal tak hman ni se.
SOYBEAN(JS 331)	1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as its support 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.
RICE(GOMATI SWARNA MASURI RANJIT)	1. Use split dose of fertilizer @ 40 kg/ha in clear/dry day. 2. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 3. Give one spray of Zinc Sulphate and apply urea @ 10kg per bigha for better tiller. 1. Leitha pek tur techu split dose in hectare khatah kg 40 zel hman tur a ni. 2. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni. 3. Zinc sulphate vawi khat i kah hnu ah Urea bigha khatah kg 10 zel hman tur.

**Horticulture Specific Advisory:**

Horticulture (Varieties)	Horticulture Specific Advisory
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 thirin 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.
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 <sup>2</sup> ) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. 1. Bawkbawn nursery hmunnma 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 ruahtuin a tihchhiat loh nan shade net hmang a tha taka khuh tur.
GINGER(LOCAL)	1. Use a split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lt 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
PIG(LOCAL)	1. Provide FMD vaccination at 6 months of age under the supervision of authorized veterinary experts. 2. In present weather conditions provide adequate clean water to the animals throughout the day. 3. Prevent the pigs from wandering about where they can feed on human faeces
	1. Vety lama mithiamte hriatpuina in thla 6 an lo nih hian FMD vaccine lak tir tur. 2. Tunlai khawchin thlirin tui intur thianghlim tak pek nithei bawk se. 3. Kan vawk techu tuallai a mihring ek ei a an vah kual mai mai lohna turin ven that tur.

### 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. 2. Feeding may be done properly with quality and floating feed containing 20 percent crude protein. 3. 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 tawh tak a awm tur a ni. Sangha note hrisel tha tak dahkhawm tan tur. 2. A chaw pek that ngaihpawimawh tur, a chaw atan pawh quality tha 20 percent crude protein pai tel ni thei ngei se. 3. Tui chhung 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.



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Umiam, Meghalaya

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## Agromet Advisory Bulletin

Date : 04-10-2019

Weather Forecast of AIZAWL(Mizoram) Issued On : 2019-10-04(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)
2019-10-05	30.0	27.0	19.0	100	60	2.6	135	8
2019-10-06	25.0	27.0	19.0	99	53	2.8	126	8
2019-10-07	38.0	27.0	19.0	99	60	2.6	127	7
2019-10-08	39.0	27.0	19.0	99	88	2.8	126	8
2019-10-09	17.0	28.0	20.0	99	95	2.5	118	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 16-18 C. Maximum relative humidity was expected in the range of 86-94% and minimum from 64-78%. Wind direction was southeasterly to easterly with the wind speed of 1.1-2.9 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 24.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 25-27 C a ni a, a vawh lai ber erawh chuan 16-18 C a ni. Boruak hnawn lai berin 86-94% a nih laiin a hul lai erawh chuan 64-78% a ni thung. Thli hi darkar khatah 1.1-2.9 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 24.0 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:

Seedbed for off season vegetables may be prepared under raise bed cultivation and bed must be treated against fungal attack before sowing

Off season thlai chinna hmun atan a chhuat tur chu lei rihvum a siam kan tur a ni a, a chi kan tuh hma in natna awmthei laka vennis enkawh hmasak tur a ni.



**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
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. 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 kawhmuh sazu tur tepawh a hman theih a ni. 3. Sava venna tur mumal tak hman ni se.
SOYBEAN(JS 331)	1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as its support 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.
MAIZE(RCM 76)	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.

**Horticulture Specific Advisory:**

Horticulture (Varieties)	Horticulture Specific Advisory
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 thirin 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.
CABBAGE(HYBRID)	1. Nursery preparation for cabbage. 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 <sup>2</sup> ) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain.
	1. Ziklum 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 ruahtuin a tihchhiat loh nan shade net hmang a tha taka khuh tur.
GINGER(LOCAL)	1. Use a split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lt 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
PIG(LOCAL)	1. Provide FMD vaccination at 6 months of age under the supervision of authorized veterinary experts. 2. In present weather conditions provide adequate clean water to the animals throughout the day. 3. Prevent the pigs from wandering about where they can feed on human faeces
	1. Vety lama mithiamte hriatpuina in thla 6 an lo nih hian FMD vaccine lak tir tur. 2. Tunlai khawchin thlirin tui intur thianghlim tak pek nithei bawk se. 3. Kan vawk techu tuallai a mihring ek ei a an vah kual mai mai lohna turin ven that tur.

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN(GIRIRAJA)	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 vennan vaccine lak tir ni se.



## Gramin Krishi Mausam Sewa

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ICAR Complex Branch

Umiam, Meghalaya

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



### Agromet Advisory Bulletin

Date : 04-10-2019

Weather Forecast of CHAMPHAI(Mizoram) Issued On : 2019-10-04(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)
2019-10-05	31.0	31.0	24.0	100	58	2.8	147	7
2019-10-06	18.0	30.0	23.0	99	64	2.5	121	8
2019-10-07	26.0	30.0	24.0	99	81	2.6	107	8
2019-10-08	30.0	30.0	24.0	99	91	2.3	116	7
2019-10-09	15.0	29.0	22.0	99	93	2.6	110	6

#### Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 26-28 C and 15-17 C. Maximum relative humidity was expected in the range of 84-93% and minimum from 68-74%. Wind direction was southeasterly with the wind speed of 1.2-2.2 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 22.1 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 26-28 C a ni a, a vawh lai ber erawh chuan 15-17 C a ni. Boruak hnawn lai berin 84-93% a nih laiin a hul lai erawh chuan 68-74% a ni thung. Thli hi darkar khatah 1.2-2.2 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: 22.1 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:

Seedbed for off season vegetables may be prepared under raise bed cultivation and bed must be treated against fungal attack before sowing

Off season thlai chinna hmun atan a chhuat tur chu lei rihvum a siam kan tur a ni a, a chi kan tuh hma in natna awmthei laka vennis enkawh hmasak tur a ni.

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
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. 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 kawhmmuh sazu tur tepawh a hman theih a ni. 3. Sava venna tur mumal tak hman ni se.
SOYBEAN(JS 331)	1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as its support 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.
RICE(GOMATI SWARNA MASURI RANJIT)	1. Use split dose of fertilizer @ 40 kg/ha in clear/dry day. 2. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 3. Give one spray of Zinc Sulphate and apply urea @ 10kg per bigha for better tiller.
	1. Leitha pek tur techu split dose in hectare khatah kg 40 zel hman tur a ni. 2. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni. 3. Zinc sulphate vawi khat i kah hnu ah Urea bigha khatah kg 10 zel hman tur.

**Horticulture Specific Advisory:**

Horticulture (Varieties)	Horticulture Specific Advisory
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 thirin 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.
TOMATO(HYBRID)	1. In present weather conditions, raising nursery of hybrid tomato 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 thirin hybrid tomato nursery siam hunlai tak a ni. 2. Tomato 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.
GINGER(LOCAL)	1. Use a split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lt 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:**

<b>Livestock(Varieties)</b>	<b>Livestock Specific Advisory</b>
PIG(LOCAL)	1. Provide FMD vaccination at 6 months of age under the supervision of authorized veterinary experts. 2. In present weather conditions provide adequate clean water to the animals throughout the day. 3. Prevent the pigs from wandering about where they can feed on human faeces
	1. Vety lama mithiamte hriatpuina in thla 6 an lo nih hian FMD vaccine lak tir tur. 2. Tunlai khawchin thlirin tui intur thianghlim tak pek nithei baw se. 3. Kan vawk techu tuallai a mihring ek ei a an vah kual mai mai lohna turin ven that tur.

**Fisheries Specific Advisory:**

<b>Fisheries(Varieties)</b>	<b>Fisheries Specific Advisory</b>
FISH(COMPOSITE FISH)	1. Sufficient water accumulated in the pond. Start a new stocking of quality fingerlings/ yearlings. 2. Feeding may be done properly with quality and floating feed containing 20 percent crude protein. 3. 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 taw tak a awm tur a ni. Sangha note hrisel tha tak dahkhawm tan tur. 2. A chaw pek that ngaihpawimawh tur, a chaw atan pawh quality tha 20 percent crude protein pai tel ni thei ngei se. 3. Tui chhung 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 : 04-10-2019

Weather Forecast of KOLASIB(Mizoram) Issued On : 2019-10-04(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)
2019-10-05	28.0	31.0	24.0	99	58	2.6	122	8
2019-10-06	15.0	31.0	24.0	99	51	3.0	126	8
2019-10-07	29.0	30.0	24.0	100	52	2.7	131	8
2019-10-08	34.0	30.0	24.0	99	80	2.8	124	8
2019-10-09	34.0	29.0	23.0	99	94	2.4	127	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 17-18 C. Maximum relative humidity was expected in the range of 84-95% and minimum from 65-78%. Wind direction was easterly to southeasterly with the wind speed of 1.4-2.7 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 29.2 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 17-18 C a ni. Boruak hnawn lai berin 84-95% a nih laiin a hul lai erawh chuan 65-78% a ni thung. Thli hi darkar khatah 1.4-2.7 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: 29.2 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:

Seedbed for off season vegetables may be prepared under raise bed cultivation and bed must be treated against fungal attack before sowing

Off season thlai chinna hmun atan a chhuat tur chu lei rihvum a siam kan tur a ni a, a chi kan tuh hma in natna awmthei laka vennis enkawh hmasak tur a ni.

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
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. 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.
SOYBEAN(JS 331)	1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as its support 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.
RICE(GOMATI SWARNA MASURI RANJIT)	1. Use split dose of fertilizer @ 40 kg/ha in clear/dry day. 2. Keep the surrounding clean/ weed-free to avoid disease/pest harboring. 3. Give one spray of Zinc Sulphate and apply urea @ 10kg per bigha for better tiller. 1. Leitha pek tur techu split dose in hectare khatah kg 40 zel hman tur a ni. 2. A bul leh a chhehvel te tihfai a hnim hnah emaw rannung emaw natna thlen thei chi lakah enkawl tur a ni. 3. Zinc sulphate vawi khat i kah hnu ah Urea bigha khatah kg 10 zel hman tur.

**Horticulture Specific Advisory:**

Horticulture (Varieties)	Horticulture Specific Advisory
CHILLI(HYBRID)	1. Nursery preparation for Chilli. 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 <sup>2</sup> ) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. 1. Hmarcha nursery hmunnhma 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.
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 <sup>2</sup> ) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain. 1. Bawkbawn nursery hmunnhma 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 a 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.

**Livestock Specific Advisory:**

Livestock(Varieties)	Livestock Specific Advisory
PIG(LOCAL)	1. Provide FMD vaccination at 6 months of age under the supervision of authorized veterinary experts. 2. In present weather conditions provide adequate clean water to the animals throughout the day. 3. Prevent the pigs from wandering about where they can feed on human faeces
	1. Vety lama mithiamte hriatpuina in thla 6 an lo nih hian FMD vaccine lak tir tur. 2. Tunlai khawchin thlirin tui intur thianghlim tak pek nithei bawk se. 3. Kan vawk techu tuallai a mihring ek ei a an vah kual mai mai lohna turin ven that tur.

### 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. 2. Feeding may be done properly with quality and floating feed containing 20 percent crude protein. 3. 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 tawh tak a awm tur a ni. Sangha note hrisel tha tak dahkhawm tan tur. 2. A chaw pek that ngaihpaawimawh tur, a chaw atan pawh quality tha 20 percent crude protein pai tel ni thei ngei se. 3. Tui chhung 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 : 04-10-2019

Weather Forecast of LAWNGTLAI(Mizoram) Issued On : 2019-10-04(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)
2019-10-05	14.0	33.0	25.0	99	49	3.0	93	7
2019-10-06	13.0	32.0	24.0	98	52	2.8	86	8
2019-10-07	17.0	32.0	24.0	98	49	2.7	87	7
2019-10-08	24.0	32.0	24.0	99	60	3.1	95	8
2019-10-09	2.0	32.0	23.0	99	66	2.6	86	4

#### Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 27-30 C and 16-17 C. Maximum relative humidity was expected in the range of 83-91% and minimum from 64-73%. Wind direction was southeasterly to easterly with the wind speed of 1.2-2.3 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 18.1 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 27-30 C a ni a, a vawh lai ber erawh chuan 16-17 C a ni. Boruak hnawn lai berin 83-91% a nih laiin a hul lai erawh chuan 64-73% a ni thung. Thli hi darkar khatah 1.2-2.3 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: 18.1 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:

Seedbed for off season vegetables may be prepared under raise bed cultivation and bed must be treated against fungal attack before sowing

Off season thlai chinna hmun atan a chhuat tur chu lei rihvum a siam kan tur a ni a, a chi kan tuh hma in natna awmthei laka vennan enkawl hmasak tur a ni.

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	<p>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.</p> <p>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.</p>
SOYBEAN(JS 331)	<p>1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as its support 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.</p> <p>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.</p>
MAIZE(HYBRID)	<p>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.</p> <p>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.</p>

**Horticulture Specific Advisory:**

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	<p>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</p> <p>1. Tunlai kan khawchin thirin 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.</p>
TOMATO(HYBRID)	<p>1. In present weather conditions, raising nursery of hybrid tomato 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</p> <p>1. Tunlai kan khawchin thirin hybrid tomato nursery siam hunlai tak a ni. 2. Tomato 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.</p>
GINGER(LOCAL)	<p>1. Use a split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lt of water to reduce stem root infection.</p> <p>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.</p>

**Livestock Specific Advisory:**

<b>Livestock(Varieties)</b>	<b>Livestock Specific Advisory</b>
PIG(LOCAL)	1. Provide FMD vaccination at 6 months of age under the supervision of authorized veterinary experts. 2. In present weather conditions provide adequate clean water to the animals throughout the day. 3. Prevent the pigs from wandering about where they can feed on human faeces
	1. Vety lama mithiamte hriatpuina in thla 6 an lo nih hian FMD vaccine lak tir tur. 2. Tunlai khawchin thlirin tui intur thianghlim tak pek nithei bawk se. 3. Kan vawk techu tuallai a mihring ek ei a an vah kual mai mai lohna turin ven that tur.

**Poultry Specific Advisory:**

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
CHICKEN(LOCAL IMPROVED BREED)	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 : 04-10-2019

Weather Forecast of LUNGLEI(Mizoram) Issued On : 2019-10-04(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)
2019-10-05	24.0	30.0	25.0	99	52	3.2	92	7
2019-10-06	20.0	29.0	24.0	99	52	3.1	85	8
2019-10-07	33.0	29.0	25.0	99	56	2.9	91	7
2019-10-08	49.0	29.0	25.0	99	76	2.8	98	8
2019-10-09	9.0	31.0	23.0	99	80	2.8	82	4

#### 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 15-17 C. Maximum relative humidity was expected in the range of 81-94% and minimum from 65-73%. Wind direction was southeasterly with the wind speed of 0.9-2.1 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 14.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 23-25 C a ni a, a vawh lai ber erawh chuan 15-17 C a ni. Boruak hnawn lai berin 81-94% a nih laiin a hul lai erawh chuan 65-73% a ni thung. Thli hi darkar khatah 0.9-2.1 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: 14.0 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:

Seedbed for off season vegetables may be prepared under raise bed cultivation and bed must be treated against fungal attack before sowing

Off season thlai chinna hmun atan a chhuat tur chu lei rihvum a siam kan tur a ni a, a chi kan tuh hma in natna awmthei laka vennan enkawl hmasak tur a ni.

**Crop Specific Advisory:**

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	<p>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.</p> <p>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.</p>
SOYBEAN(JS 331)	<p>1. Sowing of soybean can be done along with standing maize crop during clear/dry days. 2. Line sowing recommended as its support 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.</p> <p>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.</p>
MAIZE(HYBRID)	<p>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.</p> <p>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.</p>

**Horticulture Specific Advisory:**

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	<p>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</p> <p>1. Tunlai kan khawchin thirin 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.</p>
TOMATO(HYBRID)	<p>1. In present weather conditions, raising nursery of hybrid tomato 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</p> <p>1. Tunlai kan khawchin thirin hybrid tomato nursery siam hunlai tak a ni. 2. Tomato 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.</p>
GINGER(LOCAL)	<p>1. Use a split dose of any nitrogenous fertilizer for better growth. 2. Apply Ridomil @ 2 g/lt of water to reduce stem root infection.</p> <p>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.</p>

**Livestock Specific Advisory:**

<b>Livestock(Varieties)</b>	<b>Livestock Specific Advisory</b>
PIG(LOCAL)	1. Provide FMD vaccination at 6 months of age under the supervision of authorized veterinary experts. 2. In present weather conditions provide adequate clean water to the animals throughout the day. 3. Prevent the pigs from wandering about where they can feed on human faeces
	1. Vety lama mithiamte hriatpuina in thla 6 an lo nih hian FMD vaccine lak tir tur. 2. Tunlai khawchin thlirin tui intur thianghlim tak pek nithei bawk se. 3. Kan vawk techu tuallai a mihring ek ei a an vah kual mai mai lohna turin ven that tur.

**Poultry Specific Advisory:**

<b>Poultry(Varieties)</b>	<b>Poultry Specific Advisory</b>
CHICKEN(LOCAL IMPROVED BREED)	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.