



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 : 15-10-2019

Weather Forecast of CHAMPHAI(Mizoram) Issued On : 2019-10-15(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)
2019-10-16	16.0	28.0	20.0	99	61	2.8	104	7
2019-10-17	11.0	28.0	20.0	99	80	2.8	101	6
2019-10-18	8.0	28.0	20.0	98	41	3.0	108	3
2019-10-19	0.0	27.0	19.0	98	51	3.1	114	3
2019-10-20	0.0	27.0	19.0	98	39	3.5	110	2

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 27-28 C and 16-18 C. Maximum relative humidity was expected in the range of 82-96% and minimum from 64-72%. Wind direction was southeasterly with the wind speed of 1.1-2.5 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 12.9 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 27-28 C a ni a, a vawh lai ber erawh chuan 16-18 C a ni. Boruak hnawn lai berin 82-96% a nih lain a hul lai erawh chuan 64-72% a ni thung. Thli hi darkar khatah 1.1-2.5 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 12.9 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:

Harvest mature panicles of jhum rice and proper sundry for the preservation of seed for next year.

Tlangram buh hmin tawh techu seng a, nisa ah tha taka phoro a, a kum leh atan a chi dahthat tur a ni.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	1. Harvest all mature panicles. 2. Proper sun drying is required de husking of rice. 3. Keep the moisture level below 8% of rice seed. 4. Keep rodent trap in field or take precaution measures from rodent infestation.
	1. Buh hmin tawh zawng zawng chu seng vek tur. 2. Nisa hnuaiah hneh taka phoro tur. 3. Buh mal in tui 8% aiin a pai tam tur a nilo. 4. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah 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 it supports 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. 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 chi leh hnim hnah a in chawhpawlh loh nan leh natna hrik inthlahpun theihna laka ven nan phaih buh hmun a hnim to zawng zawng techu a zung chawp a phawichhuah vek tur. 2. Sazu puang tur vennis sazu thang kam ni se. Sazu tur kan hman dawn anih erawhchuan mithiamte rawn hmasak phawt ni thei se. 3. Sava venna tur tha tak ruahman tur.

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	1. In present weather conditions, raising the nursery of hybrid broccoli may be done. 2. The seeds should be sown on the raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
	1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur.
GINGER(LOCAL)	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/ltr of water.
	1. Lei atanga sawhthing/aieng zung rawn lang techu lei a vur a hnathel 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.
TOMATO(HYBRID)	1. In present weather conditions, raising the nursery of hybrid tomato may be done. 2. The seeds should be sown on a 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 a mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.

Horticulture (Varieties)	Horticulture Specific Advisory
	1. Tunlai kan khawchin thlirin 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.

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. Partial harvest and segregate the large individuals (shooters) from the stock. 2. Re-stock the same number of fingerlings and adjust the feeding rate to 2-3% of the bodyweight 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.



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Agromet Advisory Bulletin

Date : 15-10-2019

Weather Forecast of KOLASIB(Mizoram) Issued On : 2019-10-15(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)
2019-10-16	19.0	31.0	22.0	99	46	3.7	130	2
2019-10-17	8.0	31.0	22.0	99	48	3.0	127	3
2019-10-18	0.0	31.0	22.0	95	44	3.3	125	2
2019-10-19	0.0	30.0	20.0	95	45	3.3	124	4
2019-10-20	0.0	30.0	20.0	97	43	3.2	122	3

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 26-29 C and 17-18 C. Maximum relative humidity was expected in the range of 81-96% and minimum from 63-74%. Wind direction was easterly to southeasterly with the wind speed of 1.2-2.9 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 19.5 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 26-29 C a ni a, a vawh lai ber erawh chuan 17-18 C a ni. Boruak hnawn lai berin 81-96% a nih laiin a hul lai erawh chuan 63-74% a ni thung. Thli hi darkar khatah 1.2-2.9 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: 19.5 mm

General Advisory:

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

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

SMS Advisory:

Harvest mature panicles of jhum rice and proper sundry for the preservation of seed for next year.

Tlangram buh hmin tawh techu seng a, nisa ah tha taka phoro a, a kum leh atan a chi dahthat tur a ni.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	1. Harvest all mature panicles. 2. Proper sun drying is required de husking of rice. 3. Keep the moisture level below 8% of rice seed. 4. Keep rodent trap in field or take precaution measures from rodent infestation.
	1. Buh hmin tawh zawng zawng chu seng vek tur. 2. Nisa hnuaiah hneh taka phoro tur. 3. Buh mal in tui 8% aiin a pai tam tur a nilo. 4. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah 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 it supports 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. 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 chi leh hnim hnah a in chawhpawlh loh nan leh natna hrik inthlahpun theihna laka ven nan phai buh hmun a hnim to zawng zawng techu a zung chawp a phawichhuah vek tur. 2. Sazu puang tur vennis sazu thang kam ni se. Sazu tur kan hman dawn anih erawhchuan mithiamte rawn hmasak phawt ni thei se. 3. Sava venna tur tha tak ruahman 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 ²) 5. Line sowing of seeds (7-10cm) 6. The bed should be properly covered shade net to prevent heavy rain.
	1. Hmarcha nursery hmunhma siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur.
GINGER(LOCAL)	1. 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 hnahthel 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.
BRINJAL(HYBRID)	1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain.

Horticulture (Varieties)	Horticulture Specific Advisory
	1. Bawkbawn nursery hmunhma siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur.

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 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:

Fisheries(Varieties)	Fisheries Specific Advisory
FISH(COMPOSITE FISH)	1. Partial harvest and segregate the large individuals (shooters) from the stock. 2. Re-stock the same number of fingerlings and adjust the feeding rate to 2-3% of the bodyweight 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.



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Agromet Advisory Bulletin

Date : 15-10-2019

Weather Forecast of LAWNGTLAI(Mizoram) Issued On : 2019-10-15(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)
2019-10-16	16.0	29.0	21.0	97	52	3.0	77	8
2019-10-17	13.0	29.0	21.0	97	48	2.8	69	5
2019-10-18	0.0	29.0	21.0	93	42	3.6	75	5
2019-10-19	0.0	28.0	20.0	89	40	3.4	86	4
2019-10-20	0.0	28.0	20.0	89	40	3.3	77	4

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 26-27 C and 17-18 C. Maximum relative humidity was expected in the range of 86-96% and minimum from 61-75%. Wind direction was southeasterly to easterly with the wind speed of 1.1-2.6 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 08.2 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 26-27 C a ni a, a vawh lai ber erawh chuan 17-18 C a ni. Boruak hnawn lai berin 86-96% a nih laiin a hul lai erawh chuan 61-75% a ni thung. Thli hi darkar khatah 1.1-2.6 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 08.2 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:

Harvest mature panicles of jhum rice and proper sundry for the preservation of seed for next year.

Tlangram buh hmin tawh techu seng a, nisa ah tha taka phoro a, a kum leh atan a chi dahthat tur a ni.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	1. Harvest all mature panicles. 2. Proper sun drying is required de husking of rice. 3. Keep the moisture level below 8% of rice seed. 4. Keep rodent trap in field or take precaution measures from rodent infestation. 1. Buh hmin tawh zawng zawng chu seng vek tur. 2. Nisa hnuaiah hneh taka phoro tur. 3. Buh mal in tui 8% aiin a pai tam tur a nilo. 4. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah 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 it supports 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.
BLACKGRAM(PD 4)	1. Light rain is expected in few places which may solve the purpose of light irrigation in the field where sowing has already been completed. 2. But in case of no rain, light irrigation may be arranged. Mulching must be done after irrigation to hold the moisture for longer period. 1. Hmun hrang hrang ah ruahtui vantlang a tlak rin a nih avangin field ah tui pek belh kher ngailoin a mamawh tawh a phuhru tur a ngaih a ni. 2. Amaherawhchu ruahtui arawn tla lo a nihchuan tui tlem pe thei tur a inrin tur. Tui pek an nih hnu ah rei zawk a pai theih nan mulching tih tur a ni.

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	1. In present weather conditions, raising the nursery of hybrid broccoli may be done. 2. The seeds should be sown on the raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves. 1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur.
GINGER(LOCAL)	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/ltr of water. 1. Lei atanga sawhthing/aieng zung rawn lang techu lei a vur a hnahthel 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.
TOMATO(HYBRID)	1. In present weather conditions, raising the nursery of hybrid tomato may be done. 2. The seeds should be sown on a 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 a mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.

Horticulture (Varieties)	Horticulture Specific Advisory
	1. Tunlai kan khawchin thlirin 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.

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 baw 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(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 vennan 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 : 15-10-2019

Weather Forecast of LUNGLEI(Mizoram) Issued On : 2019-10-15(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)
2019-10-16	25.0	30.0	22.0	98	63	2.8	78	7
2019-10-17	19.0	30.0	22.0	98	58	3.0	77	6
2019-10-18	3.0	30.0	22.0	95	42	3.6	80	4
2019-10-19	0.0	28.0	21.0	93	41	3.5	83	4
2019-10-20	0.0	28.0	21.0	92	40	3.6	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 24-26 C and 15-17 C. Maximum relative humidity was expected in the range of 83-96% and minimum from 67-75%. Wind direction was southeasterly with the wind speed of 0.8-2.4 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 12.3 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 24-26 C a ni a, a vawh lai ber erawh chuan 15-17 C a ni. Boruak hnawn lai berin 83-96% a nih laiin a hul lai erawh chuan 67-75% a ni thung. Thli hi darkar khatah 0.8-2.4 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: 12.3 mm

General Advisory:

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

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

SMS Advisory:

Harvest mature panicles of jhum rice and proper sundry for the preservation of seed for next year.

Tlangram buh hmin tawh techu seng a, nisa ah tha taka phoro a, a kum leh atan a chi dahthat tur a ni.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	1. Harvest all mature panicles. 2. Proper sun drying is required de husking of rice. 3. Keep the moisture level below 8% of rice seed. 4. Keep rodent trap in field or take precaution measures from rodent infestation. 1. Buh hmin tawh zawng zawng chu seng vek tur. 2. Nisa hnuaiah hneh taka phoro tur. 3. Buh mal in tui 8% aiin a pai tam tur a nilo. 4. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah 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 it supports 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. 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 chi leh hnim hnah a in chawhpawlh loh nan leh natna hrik inthlahpun theihna laka ven nan phai buh hmun a hnim to zawng zawng techu a zung chawp a phawichhuah vek tur. 2. Sazu puang tur vennis sazu thang kam ni se. Sazu tur kan hman dawn anih erawhchuan mithiamte rawn hmasak phawt ni thei se. 3. Sava venna tur tha tak ruahman tur.

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	1. In present weather conditions, raising the nursery of hybrid broccoli may be done. 2. The seeds should be sown on the raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves. 1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur.
GINGER(LOCAL)	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/ltr of water. 1. Lei atanga sawhthing/aieng zung rawn lang techu lei a vur a hnathel 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.
TOMATO(HYBRID)	1. In present weather conditions, raising the nursery of hybrid tomato may be done. 2. The seeds should be sown on a 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 a mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.

Horticulture (Varieties)	Horticulture Specific Advisory
	1. Tunlai kan khawchin thlirin 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.

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 baw 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(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 vennan 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 : 15-10-2019

Weather Forecast of SAIHA(Mizoram) Issued On : 2019-10-15(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)
2019-10-16	14.0	28.0	20.0	98	55	3.4	80	8
2019-10-17	14.0	28.0	20.0	97	55	3.6	77	6
2019-10-18	1.0	28.0	20.0	94	41	4.0	80	5
2019-10-19	0.0	27.0	19.0	90	40	3.9	83	5
2019-10-20	0.0	27.0	19.0	89	40	4.0	81	4

Weather Summary/Alert:

Moderate to light rainfall occurred last 3 days. The maximum and minimum temperatures for the last 3 days range for 23-26 C and 14-16 C. Maximum relative humidity was expected in the range of 82-94% and minimum from 63-71%. Wind direction was easterly to southeasterly with the wind speed of 1.2-2.8 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 16.0 mm

Tun ni thum (3 days) chhung khan ruahtui vantlang tanga tam lam dawn a ni. Khua a lum lai ber in 23-26 C a ni a, a vawh lai ber erawh chuan 14-16 C a ni. Boruak hnawn lai berin 82-94% a nih laiin a hul lai erawh chuan 63-71% a ni thung. Thli hi darkar khatah 1.2-2.8 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: 16.0 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:

Harvest mature panicles of jhum rice and proper sundry for the preservation of seed for next year.

Tlangram buh hmin tawh techu seng a, nisa ah tha taka phoro a, a kum leh atan a chi dahthat tur a ni.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	1. Harvest all mature panicles. 2. Proper sun drying is required de husking of rice. 3. Keep the moisture level below 8% of rice seed. 4. Keep rodent trap in field or take precaution measures from rodent infestation. 1. Buh hmin tawh zawng zawng chu seng vek tur. 2. Nisa hnuaiah hneh taka phoro tur. 3. Buh mal in tui 8% aiin a pai tam tur a nilo. 4. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah 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 it supports 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.
BLACKGRAM(PD 4)	1. Light rain is expected in few places which may solve the purpose of light irrigation in the field where sowing has already been completed. 2. But in case of no rain, light irrigation may be arranged. Mulching must be done after irrigation to hold the moisture for longer period. 1. Hmun hrang hrang ah ruahtui vantlang a tlak rin a nih avangin field ah tui pek belh kher ngailoin a mamawh tawh a phuhru tur a ngaih a ni. 2. Amaherawhchu ruahtui arawn tla lo a nihchuan tui tlem pe thei tur a inrin tur. Tui pek an nih hnu ah rei zawk a pai theih nan mulching tih tur a ni.

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	1. In present weather conditions, raising the nursery of hybrid broccoli may be done. 2. The seeds should be sown on the raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves. 1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur.
GINGER(LOCAL)	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/ltr of water. 1. Lei atanga sawhthing/aieng zung rawn lang techu lei a vur a hnahthel 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.
TOMATO(HYBRID)	1. In present weather conditions, raising the nursery of hybrid tomato may be done. 2. The seeds should be sown on a 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 a mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.

Horticulture (Varieties)	Horticulture Specific Advisory
	1. Tunlai kan khawchin thlirin 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.

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 baw 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(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 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 : 15-10-2019

Weather Forecast of SERCHHIP(Mizoram) Issued On : 2019-10-15(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)
2019-10-16	25.0	28.0	20.0	99	78	2.5	79	7
2019-10-17	19.0	28.0	20.0	99	79	2.6	81	6
2019-10-18	13.0	28.0	20.0	98	42	3.4	86	6
2019-10-19	0.0	27.0	19.0	98	48	3.2	89	4
2019-10-20	0.0	27.0	19.0	97	40	3.6	88	2

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 14-16 C. Maximum relative humidity was expected in the range of 81-96% and minimum from 64-75%. Wind direction was southeasterly with the wind speed of 1.2-2.5 km per hour. Partially clear sky prevailed last three days. Weekly cumulative rainfall: 14.8 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 14-16 C a ni. Boruak hnawn lai berin 81-96% a nih lain a hul lai erawh chuan 64-75% a ni thung. Thli hi darkar khatah 1.2-2.5 a chak in chhaklam atanga tanin chhimlamah chuan hmarchhak lamah awi leh in chhimlamah a tleh thla leh a ni. Tun ni thum chhung khan van ah chum hmuh tur a tam hle. Kartluana ruahtui tlingkhawm: 14.8 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:

Harvest mature panicles of jhum rice and proper sundry for the preservation of seed for next year.

Tlangram buh hmin tawh techu seng a, nisa ah tha taka phoro a, a kum leh atan a chi dahthat tur a ni.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	1. Harvest all mature panicles. 2. Proper sun drying is required de husking of rice. 3. Keep the moisture level below 8% of rice seed. 4. Keep rodent trap in field or take precaution measures from rodent infestation.
	1. Buh hmin tawh zawng zawng chu seng vek tur. 2. Nisa hnuaiah hneh taka phoro tur. 3. Buh mal in tui 8% aiin a pai tam tur a nilo. 4. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah 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 it supports 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. 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 chi leh hnim hnah a in chawhpawl loh nan leh natna hrik inthlahpun theihna laka ven nan phai buh hmun a hnim to zawng zawng techu a zung chawp a phawichhuah vek tur. 2. Sazu puang tur vennis sazu thang kam ni se. Sazu tur kan hman dawn anih erawhchuan mithiamte rawn hmasak phawt ni thei se. 3. Sava venna tur tha tak ruahman tur.

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	1. In present weather conditions, raising the nursery of hybrid broccoli may be done. 2. The seeds should be sown on the raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
	1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur.
GINGER(LOCAL)	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/ltr of water.
	1. Lei atanga sawhthing/aieng zung rawn lang techu lei a vur a hnathel 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.
BRINJAL(HYBRID)	1. Nursery preparation for Brinjal. 2. Raised bed, nursery bed solarisation. 3. Bed should be 1m width and conventional length. 4. Application of FYM (1.5-2.0 kg/ m ²) 5. Line sowing of seeds (7-10cm) 6. Bed should be properly covered shade net to prevent from heavy rain.

Horticulture (Varieties)	Horticulture Specific Advisory
	1. Bawkbawn nursery hmunhma siam dan. 2. A chhuat atan lei rihvum, nisa a phoro 3. Nursery: hlai lam - meter 1 ; a dung sei lam - hman tawh thin dan tlangpui 4. FYM chu square meter khatah kg 1.5-2.0 hman tur. 5. A chi chu line hmangin cm 7-10 danah zel tuh tur. 6. Nursery hmun chu ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur.

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 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:

Fisheries(Varieties)	Fisheries Specific Advisory
FISH(COMPOSITE FISH)	1. Partial harvest and segregate the large individuals (shooters) from the stock. 2. Re-stock the same number of fingerlings and adjust the feeding rate to 2-3% of the bodyweight 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

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 : 15-10-2019

Weather Forecast of AIZAWL(Mizoram) Issued On : 2019-10-15(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)
2019-10-16	19.0	28.0	20.0	99	58	3.2	116	7
2019-10-17	14.0	28.0	20.0	98	68	2.7	114	7
2019-10-18	13.0	28.0	20.0	97	43	3.3	117	6
2019-10-19	0.0	27.0	19.0	97	49	3.1	119	3
2019-10-20	0.0	27.0	19.0	97	42	3.4	120	3

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 17-18 C. Maximum relative humidity was expected in the range of 84-97% and minimum from 63-79%. Wind direction was southeasterly to easterly with the wind speed of 0.8-2.4 km per hour. Mainly cloudy sky prevailed last three days. Weekly cumulative rainfall: 15.0 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 17-18 C a ni. Boruak hnawn lai berin 84-97% a nih lain a hul lai erawh chuan 63-79% a ni thung. Thli hi darkar khatah 0.8-2.4 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: 15.0 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:

Harvest mature panicles of jhum rice and proper sun dry for preservation of seed for next year.

Tlangram buh hmin tawh techu seng a, nisa ah tha taka phoro a, a kum leh atan a chi dahthat tur a ni.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
JHUM RICE(LOCAL)	1. Harvest all mature panicles. 2. Proper sun drying is required de husking of rice. 3. Keep the moisture level below 8% of rice seed. 4. Keep rodent trap in field or take precaution measures from rodent infestation.
	1. Buh hmin tawh zawng zawng chu seng vek tur. 2. Nisa hnuaiah hneh taka phoro tur. 3. Buh mal in tui 8% aiin a pai tam tur a nilo. 4. Field ah sazu thang emaw sazu laka fihlim theihna hmanrua ngaihtuah 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 it supports 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.
BLACKGRAM(PD4)	1. Light rain is expected in few places which may solve the purpose of light irrigation in the field where sowing has already been completed. 2. But in case of no rain, light irrigation may be arranged. Mulching must be done after irrigation to hold the moisture for longer period.
	1. Hmun hrang hrang ah ruahtui vantlang a tlak rin a nih avangin field ah tui pek belh kher ngailoin a mamawh tawh a phuhru tur a ngaih a ni. 2. Amaherawhchu ruahtui a rawn tla lo a nihchuan tui tlem pe thei tur a innin tur. Tui pek an nih hnu ah rei zawk a pai theih nan mulching tih tur a ni.

Horticulture Specific Advisory:

Horticulture (Varieties)	Horticulture Specific Advisory
BROCCOLI(HYBRID)	1. In present weather conditions, raising the nursery of hybrid broccoli may be done. 2. The seeds should be sown on the raised bed (15-20 cm) after treating with Trichoderma @ 10 g/kg and with Captan/Thiram @ 3 g/kg seeds. 3. After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.
	1. Tunlai kan khawchin thlirin hybrid broccoli nursery siam hunlai tak a ni. 2. Broccoli chi (seeds) kg 1 zela Trichoderma gram 10 leh Captan/Thiram gram 3 hmanga chiah chu nursery bed siam ah chuan chin tur a ni. 3. Chin a nih hnu ah nursery bed chu compost + lei phut + lei (2:1:1) leh hnah ro emaw buh pawl hmanga khuh tur.
GINGER(LOCAL)	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/ltr of water.
	1. Lei atanga sawhthing/aieng zung rawn lang techu lei a vur a hnahthel 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(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 ²) 5. Line sowing of seeds (7-10cm) 6. The bed should be properly covered shade net to prevent heavy rain.

Horticulture (Varieties)	Horticulture Specific Advisory
	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 ruahtuiin a tihchhiat loh nan shade net hmang a tha taka khuh tur.

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 baw 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 vennis vaccine lak tir ni se.