



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

ICAR Complex Branch

Umiam, Meghalaya



Agromet Advisory Bulletin

Date : 22-04-2022

Weather Forecast of THOUBAL(Manipur) Issued On : 2022-04-22(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-23	2022-04-24	2022-04-25	2022-04-26	2022-04-27
Rainfall(mm)	6.0	4.0	0.0	0.0	0.0
Tmax(°C)	28.0	28.0	28.0	28.0	29.0
Tmin(°C)	17.0	18.0	18.0	18.0	19.0
RH-I(%)	91	95	94	93	93
RH-II(%)	40	38	31	25	30
Wind Speed(kmph)	10.6	10.7	10.3	11.8	10.5
Wind Direction(Degree)	291	289	292	281	292
Cloud cover(octa)	7	7	4	4	3

Weather Summary/Alert:

There is likely to have rains on Saturday and no rains during Sunday to Wednesday but no rains on Sunday with max. temp. 28-29 oC & mini. temp. 17-19 oC. Relative humidity may reach upto 95 % (max) & 40 % (min). The average wind speed may be 10-12 km/hr. The extended range forecast indicates that during 27 April to 3 May, 2022 rainfall is likely to be below normal; maximum temperature and minimum temp. are likely to be normal over the state.

General Advisory:

1. Sanitization of common facilities and work place may be done. 2. Maintain distancing and wearing mask correctly with clean hands during work time and afterwards helps to reduce the spread of COVID-19. Mask should cover nose and mouth and be changed frequently. Everyone should frequently wash their hands or use a hand sanitizer with at least 60% alcohol. 3. If you or anyone else in household has symptoms of COVID-19 like fever/ cough, they should isolate themselves and not use shared rooms/ utensils/ areas, if available, use separate toilet. Everyone in the household should wear masks. 4. Avoid crowded or poor ventilated spaces. Clean the tools properly after work.

SMS Advisory:

To prevent root/ rhizome rot in ginger/ turmeric crop, after rains, drench the soil with Mancozeb @3g/ L water and to prevent bacterial wilt, drench the soil with Copper oxichloride @3g/ L water.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Pre- Kharif Rice (Tillering) - Water level should be maintained at 5-8 cm during tillering stage. - Avoid excess rain water logging in the crop field.
GINGER	Ginger/ Turmeric (vegetative): - Avoid high weed population in fields with crops in vegetative stage. Mulching with insect –pest free straw/ dried leaves shall help to conserve soil moisture, avoid intense weed population and provide nutrients later after decomposition. - Avoid excess rain water logging in the crop field.
SOYABEAN	Soybean/ Groundnut (sowing) - Avoid excess rain water logging in the crop field. - Sowing of Soybean/ Groundnut may be done after rains.
MAIZE	Summer Maize (sowing to vegetative) - Sow insect pest free healthy seeds of summer maize in prepared field. - Proper drainage must be made to avoid water logging in crop field.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COLOCASIA/ TARO	Colocasia: (seed collection to land preparation) - Prepare land for planting colocasia. 25-35g weighing side tuber may be used for planting. Nearly 1200 Kg of healthy side corm may be used for planting one hectare. - Avoid excess rain water logging in the crop field.
PUMPKIN	Cucurbits (water-melon, cucumber, bottle gourd, sponge gourd, pumpkin, bitter gourd, etc.) (Transplanting to vegetative): - Avoid excess rain water logging in the crop field. - Avoid high weed population in fields with crops in vegetative stage. Mulching with insect –pest free straw/ dried leaves shall help to conserve soil moisture, avoid intense weed population and provide nutrients later after decomposition. - To control Red Pumpkin Beetle, use Methyl Euginol as trap @ 4-10 traps/ sangam or Carbaryl (0.2%) or Chloropyriphos (0.05%) may be sprayed after rains.
CHILLI	Chili (Transplanting to vegetative): - Avoid excess rain water logging in the crop field. - In chilies and capsicum, spray Sixer (Carbendazim + Mancozeb) @ 2 g per litre of water to control the fungal attack. - Spray Wetable Sulphur 80% WP @2g/L water or Dicofol 18.5 EC @5.4ml/ L water or Spiromesifen 22.90 SC @ 8ml/ 10 litre water over the crop, especially underneath the leaf against yellow mite. - Avoid high weed population in fields with crops in vegetative stage. Mulching with insect –pest free straw/ dried leaves shall help to conserve soil moisture, avoid intense weed population and provide nutrients later after decomposition.
FRENCH BEAN	French bean/ bhindi (Sowing to vegetative) - Avoid excess rain water logging in the crop field. - Avoid high weed population in fields with crops in vegetative stage. Mulching with insect –pest free straw/ dried leaves shall help to conserve soil moisture, avoid intense weed population and provide nutrients later after decomposition.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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Live Stock(Varieties)	Live Stock Specific Advisory
COW	Cattle: - Avoid rain water logging in and around the shed. - Protect animals from rains and provide clean drinking water. - Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal. - Vaccinate against B.Q., F.M.D. & H.S. if not yet vaccinated. - De-worm with Albomac suspension@60-90ml for 300kg body weight or 20-30ml for 100 kg body weight. - Provide clean and safe drinking water during rainy days.
PIG	Pig: - Avoid rain water logging in and around the shed. - Protect animals from rains and provide clean drinking water. - Provide mineral mixture of Selenium+Zinc and give Vitamin E & C to boost the immunity of the pigs. - Give Ivermectin (Indectin tab.) @ 10mg/33kg body weight against skin infection. - Add Butox liquid @ 2 ml/ lit of water and use the solution twice a week while brushing the animal. - Ofloxacin tab twice daily for 5 days against Coccidial infection (Diarrhea).

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
CARP	Fish (Nursery Pond for Common Carp and Grass Carp) - Dykes/ bunds around the fish ponds may be raised high and encircle with happa net to avoid escape of fishes from pond. - Harvest rain water and treat before using it for fish culture. - Fish ponds renovation or digging of new fish ponds may be done. - Spawn production may be started. - Prepare fish nursery ponds of 1.5m depth. Maintain water depth of 1m in the pond. - Apply lime @300kg/ha. pH of pond water should be maintained at 7.0-7.5 and apply manure with a slurry of RCD @5000kg/ha. - Apply oil emulsion {oil and detergent (1:3)}, 12-24 hours before stocking spawn to remove unwanted organisms/ insects. - Stocking of 5-6 million spawns per hectare pond may be done. Later thinning may be done when required. - Well balanced feeds should be provided 2-3 times a day @ 5-10% body weight/day

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
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Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Poultry: - Avoid rain water logging in and around the shed. - Protect birds from rains and provide clean drinking water. - Use Albendazole liquid @ 20-40 ml for 100 adult birds for deworming and repeat it next day with half the dose at regular interval of 3 weeks. - Mix neutralized lime powder @ 2 kg per 100 sq. ft. area in litter material. - Give Amprolium powder may be added in low dose in both feed (@25 g per 1000kg of mash) and drinking water (30g 25 lit of water) of poultry above 3 weeks of age against Coccidiosis.