



**Gramin Krishi Mausam Sewa**  
District Level Agromet Advisory Bulletin  
Tamil Nadu Agricultural University,  
Coimbatore, Tamil Nadu



## Agromet Advisory Bulletin

Date : 19-01-2021

**Weather Forecast of TIRUCHIRAPPALLI(Tamil Nadu) Issued On : 2021-01-19(Valid Till 08:30 IST of the next 5 days)**

Parameter	2021-01-20	2021-01-21	2021-01-22	2021-01-23	2021-01-24
Rainfall	0.0	1.0	1.0	0.0	0.0
Tmax(°C)	30.0	30.0	30.0	30.0	30.0
Tmin(°C)	20.0	20.0	20.0	20.0	20.0
RH-I(%)	90	90	90	90	90
RH-II(%)	55	55	55	55	55
Wind Speed(kmph)	10.0	10.0	10.0	10.0	10.0
Wind Direction(Degree)	50	50	70	70	90
Cloud Cover(Octa)	3	3	2	2	2

### Weather Summary/Alert:

Rainfall is expected for 2 days in a week. Average relative humidity (morning & evening), maximum temperature and minimum temperature may be expected around (90.0% & 55.0%), 30.0°C and 20.0°C respectively. Sky may be appearing with some rainy clouds. Expected average wind speed is 10.0 kmph.

### General Advisory:

Tamilnadu's average rainfall is likely to be increase than the normal during this week (17.01.2021 to 23.01.2021) From 0.48 mm to 2.15 mm.

### SMS Advisory:

If pulses are cultivated after paddy harvest, use the following varieties. If Black gram use VBN 8, 9 & 10. If Green gram use CO 8.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	This is the best season to cultivate black gram in fallow land after paddy harvest. (From January third week to February second week)
BLACK GRAM	To cultivate black gram without disease attack, before sowing treat the seeds with carbendazim 2g/1kg.
PEARL MILLET	The following weather parameters (Temp.(20°-30°C), Humidity (>70%), Wind speed (<5 kmph) & Rainfall (0-30mm/week)) favours for the development of downy mildew spores from seedling stage. Grow downy mildew resistant varieties CO(Cu)9 and TNAU-Cumbu Hybrid-CO9 & CO10. To control downy mildew disease in cumbu, Spray Metalaxyl + Mancozeb @500g/ha (or) Mancozeb @1000g/ha.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Detrash the crop on 150th and 210th day of planting. Detrashing dislodge the pupae that remain in the leaf sheath. Install pheromone traps @ 10Nos. /ha for surveillance and monitoring, change the septa/lure once in 45 days. Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc / release / ha. Six release at fortnightly intervals starting from 4th month onwards.
COTTON	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
SORGHUM (JOWAR/GREAT MILLET)	Shoot flies are damaging the sorghum crop mostly it affects the yield. The maggot bores inside the stem and cuts the growing point. Central shoots dried and produce "dead heart" symptom. The infested plant produces side tillers. Take up early sowing of sorghum immediately after the receipt of South West or North East Monsoon to minimise the shoot fly incidence. To control Shoot flies in sorghum, Apply Quinalphos 25EC 1500 ml /ha. Plough soon after harvest, remove and destroy the stubbles.
MAIZE	Due to prevailing weather the downy mildew incidence may occur in maize. To control downy mildew, Spray mancozeb 1 kg/ha at 20 days after sowing.
GROUNDNUT	The following weather parameters (Temp.(20°-30°C), Humidity (>70%), Wind speed (>5 kmph) & Rainfall (0-30 mm/week)) favours for the development of leafminer larvae from seedling to reproductive stage. To control leaf miner in groundnut, Set up light trap @12/ha between 8 & 11 pm at ground level and Spray methyl demeton 25 EC 1000 ml/ha (or) quinalphos 25 EC 1400 ml/ha.
OKRA/ LADIES' FINGER	The following weather parameters (Temp.>30°C), Humidity (40-70%), Wind speed (<5 kmph) & Rainfall (0-30 mm/week)) favours for the development of shoot/fruit borer larvae from reproductive stage. To control shoot/fruit borer in ladies finger (bhendi), setup pheromone trap @12/ha (or) Release egg parasitoid, Trichogramma Chilonis @1 lakh/ha.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	The following weather parameters (Temp.>30°C), Humidity (>70%), Wind speed (>5 kmph) & Rainfall (0-30 mm/week)) favours for the development of shoot/fruit borer larvae from vegetative to fruiting stage. To control shoot/fruit borers in brinjal, Spray Emamectin benzoate 5% SG 4g/10litre from one month after planting at 15 days interval.
BANANA	Due to prevailing weather the rhizome weevil incidence may occur in banana. To control rhizome weevil in banana, Apply or sprinkle carbofuran 3G 33g/sucker at the time of planting.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
SHEEP	Orf/Sore Mouth: It is caused by para pox virus. It forms scabby lesions around the mouth, lips & muzzle. Wash the lesions with potassium permanganate solution and apply boro glycerine paste till lesions to recover. The animals recover within a week to one month.