



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



Agromet Advisory Bulletin

Date : 30-12-2022

Weather Forecast of District VELLORE(Tamil Nadu) Issued On : 2022-12-30(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-12-31	2023-01-01	2023-01-02	2023-01-03	2023-01-04
Rainfall(mm)	0.0	0.0	0.0	0.0	1.0
Tmax(°C)	32.0	33.0	33.0	33.0	33.0
Tmin(°C)	20.0	21.0	22.0	22.0	22.0
RH-I(%)	90	90	90	90	90
RH-II(%)	50	40	50	50	50
Wind Speed(kmph)	4.0	6.0	6.0	4.0	6.0
Wind Direction(Degree)	50	50	90	90	70
Cloud Cover(Octa)	0	0	0	2	4

Weather Summary/Alert:

Dry weather may be expected on December 31 and January 01,02,03,04. Maximum temperature would be range between 32.33 degree Celsius and minimum temperature would be range between 20-22 degree Celsius. Morning relative humidity would be around 90 % and evening relative humidity would be range between 40-50 %. Wind speed would be range between 4-10 kmph expected from northeast direction.

General Advisory:

As per the IMD extended range forecast (ERF), generally dry conditions or light rain and normal temperature is likely over Tamilnadu, Puducherry and Karaikal during 6th to 12th January 2023. Prevailing weather condition is favorable for pest and disease incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. For vegetables at flowering stages, spray 1.5% PPFM (Pink Pink-Pigmented Facultative Methylophs) foliar spray.

SMS Advisory:

Dry weather may be expected on forthcoming days. So, farmers are advised to irrigate the field based on soil moisture.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Nursery stage army worm incidence found in vellore district. To control case worm apply 250ml kerosene+sand 1kg mixture. Due to the heavy dew falls there is a possibility to prevail the rice blast disease. To control the rice blast disease spray azoxystrobin 25 SC

Crop(Varieties)	Crop Specific Advisory
	ml/litre. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TURMERIC	To control leaf spot in turmeric , spray difenoconazole at the rate of 1 ml / litre.
MANGO	NAA 20 PPM is sprayed at flowering to increase fruit retention during February 0.5 % urea (5g / lit) or 1 % potassium nitrate (10 g/lit) maybe sprayed to induce flowering, if trees do not flower by that time.
BANANA	To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre.
COCONUT	To control Rugose Spiraling Whitefly in coconut, release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac), spray neem oil@10ml or azadiractin 1%@5ml/litre or Installation of yellow sticky traps (5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac.
BRINJAL	Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Provide warm drinking water to livestock to maintain body temperature to prevent cold stress. Livestock must be give medicated bath to avoid ectoparasite infestation.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
HEN	Respiratory distress and cold may due to chillness. So give ENROCIN BH 1ml per litre of drinking water for four days. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).