



## Agromet Advisory Bulletin

Date : 10-10-2023

Weather Forecast of District PUDUKKOTTAI(Tamil Nadu) Issued On : 2023-10-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-10-11	2023-10-12	2023-10-13	2023-10-14	2023-10-15
Rainfall(mm)	10.0	15.0	10.0	5.0	1.0
Tmax(°C)	35.0	35.0	35.0	34.0	34.0
Tmin(°C)	25.0	25.0	25.0	24.0	24.0
RH-I(%)	80	80	80	76	76
RH-II(%)	75	75	75	72	72
Wind Speed(kmph)	15	15	15	14	14
Wind Direction(Degree)	180	180	180	200	200
Cloud Cover(Octa)	6	6	6	5	5

### Weather Summary/Alert:

Chances of light to moderate rain for next five days. Maximum temperature would be in the range 34.0°C and 35.0°C and the minimum temperature would be in between 24.0°C - 25.0°C. Generally cloudy sky is expected for next 5 days. Wind speed is expected to be 14 to 15 kmph.

### General Advisory:

Extended Range Forecast For Tamil Nadu 15 .10.2023 to 21.10.2023 (:During the Week from 15 th to 21 th October Normal Rainfall . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu.

### SMS Advisory:

Farmers should give deworming medicine to their livestock as continuous rain is likely to infect livestock.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MAIZE	The application of micronutrients will rectify the nutrient deficiency in Maize Cultivation. Farmers who have planted maize recently can apply 5kg of Millet nutrient mixture or 10Kg of ZnSo4 /acre. Also, apply Farm Yard Manure along with 2kgs of Azosphirillum and 2kgs of Phosphobacteria per acre. Plant protection activities can be done, only on non-rainy days. Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
RICE	Prepare nursery for Thaladi rice cultivation by utilizing the expected rain. Spread rice straw over nursery bed to avoid scattering of sown seeds due to expected rain. Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack favourable under this prevailing weather condition.

### Horticulture Specific Advisory:

<b>Horticulture(Varieties)</b>	<b>Horticulture Specific Advisory</b>
BANANA	Use transparent polythene sleeve (4%) to cover the bunches to increase the quality.
COCONUT	Farmers are requested to apply coconut micronutrient mixture @ 1 kg / tree enriched with 10 kg farm yard manure in circular basin established 2 – 3 feet away from the trunk of the tree and improve the yield of coconut by using rainfall.
BRINJAL	Brinjal cultivators are advised to manage the weeds in the Brinjal fields as follows. Before planting, spray Fluchloralin @ 1 litre per 500 litres of water as pre-emergence herbicide, followed by hand weeding once at 30 days after planting.
Faba bean/ Broad bean	At this stage, pruning can be done for the Lab Lab crop, to get a good yield. When the vine reaches the pandal, the terminal bud has to be nipped. Each branch has to be pruned, leaving three feet in length. When the flowering starts, prune the branches bearing inflorescence, leaving three nodes from the productive axil. Continue this procedure throughout the reproductive phase. Spraying activity can be carried out during non-rainy days.

### Live Stock Specific Advisory:

<b>Live Stock(Varieties)</b>	<b>Live Stock Specific Advisory</b>
COW	During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more. Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa. High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry. The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds. Similarly, the litter moisture should be kept low.

### Others (Soil / Land Preparation) Specific Advisory:

<b>Others (Soil / Land Preparation) (Varieties)</b>	<b>Others (Soil / Land Preparation) Specific Advisory</b>
RAIN WATER HARVESTING	As rainy weather is expected in the coming days strengthening the basins for fruit trees and tree spices may be taken up for better harvesting of rains.
GENERAL ADVICE	With the receipt of anticipated rainfall dry lands may be prepared and sown with North East Monsoon crops such as groundnut and millets. Prevailing cloud cover with high relative humidity leads to less water and nutrient absorption. Hence nitrogenous fertilizers may be applied as slow release form to get more nutrient efficiency.