

## Agromet Advisory Bulletin for Thoothukudi district

(From 20<sup>th</sup> February to 24<sup>st</sup> February)

(Issued jointly by AAS Unit, Agricultural Research Station, Kovilpatti, Tamil Nadu  
Agricultural University & India Meteorological Department)

### Significant past weather data for the preceding week (16.2.16 - 18.2.16)

Rainfall (mm)	3.0
Maximum Temperature (°C)	30.0
Minimum Temperature (°C)	25 - 26
Cloud cover (Octa)	4 - 8
RH at 08:30 hrs (%)	86 - 92
RH at 17:30 hrs (%)	77 - 81
Wind speed (kmph)	18 - 23
Wind direction (deg)	70 - 90

### Weather forecast until 08:30 hrs of 24.2.16

Parameters	Ensemble forecast				
	Day 1 20.2.16	Day 2 21.2.16	Day 3 22.2.16	Day 4 23.2.16	Day 5 24.2.16
Rainfall (mm)	2	3	0	2	2
Max. Temperature (°C)	31	31	31	31	31
Min. Temperature (°C)	25	25	25	25	25
Cloud cover (Octa)	4	4	4	4	4
Relative humidity (%)	76 - 86	76 - 86	76 - 86	76 - 86	76 - 86
Wind (kmph) (dd)	20 / E	20 / E	20 / E	20 / E	20 / E

E - East

**Agromet advisories in relation to the anticipated weather having moderate cloud cover, light rainfall and moderate humidity**

Crop	Stage / Activities	Advisories
Maize, Sorghum (Rainfed)	Grain storage	As light rainfall is expected in the coming days safeguard the harvested produce of maize and sorghum by storing in a safe place.
Dryland cultivation	Soil and moisture conservation	As light rainfall is expected in the coming days plough the fields where the harvest of north east monsoon season crops was completed in order to conserve soil and water.
Cotton (Irrigated)	Sowing	For sowing cotton under irrigated conditions select varieties like MCU 5, LRA 5166 and SVPR 2. Apply FYM 12.5 t/ ha or vermicompost 5 t/ ha before last ploughing. Form ridges and

		furrows at 75 cm apart and apply 87.5 kg urea, 250 kg super phosphate and 67.5 kg of muriate of potash per hectare as basal. Sow the treated seeds at a spacing of 30 cm.
Chilli (Irrigated)	Disease management	The expected weather is conducive for the incidence of fruit rot in chilli. Collect and destroy the infected fruits and spray mancozeb 1 kg/ ha.
Rice, Banana, Sugarcane (Irrigated)	Irrigation	As light rainfall is expected in the coming days postpone irrigation to the crops.

SMS: Rain: February 20- 21 & 23- 24: 2, 3, 2 & 2 mm. Irrigated cotton: Varieties MCU 5& SVPR 2; apply 87.5 kg urea, 250 kg super phosphate& 67.5 kg potash/ hectare as basal; sow at 75 x 30 cm.

Professor and Head  
Agricultural Research Station  
Kovilpatti