

## Agromet Advisory Bulletin for Thoothukudi district

(From 7<sup>th</sup> September to 11<sup>th</sup> September)

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

### Significant past weather data for the preceding week (2.9.16- 5.9.16)

Rainfall (mm)	2.7
Maximum Temperature (°C)	36- 37
Minimum Temperature (°C)	26- 28
Cloud cover (Octa)	4- 8
RH (%) at 07:00 hrs LMT	72- 76
RH (%) at 14:00 hrs LMT	45- 57
Wind speed (kmph)	15- 24
Wind direction (deg)	290

### Weather forecast until 08:30 hrs of 11.9.16

Parameters	Ensemble forecast				
	Day 1 7.9.16	Day 2 8.9.16	Day 3 9.9.16	Day 4 10.9.16	Day 5 11.9.16
Rainfall (mm)	0	0	0	3	5
Max. Temperature (°C)	36	36	36	36	36
Min. Temperature (°C)	27	27	27	27	27
Cloud cover (Octa)	4	4	4	4	4
Relative humidity (%)	48- 68	48- 68	48- 68	48- 68	48- 68
Wind (kmph) (dd)	15/ W	15/ W	15/ W	15/ W	15/ W

NW - Northwest

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

Crop/ Farming system	Stage / Activities	Advisories
North east monsoon season cultivation	Field preparation	<p>Do preparatory cultivation fro main field and nursery bed under dryland conditions for raising rainfed crops during the ensuing north east monsoon season.</p> <p>For conservation of moisture under dryland conditions plough the field deep with disc plough. Apply farmyard manure or compost at 12.5 t/ ha before last ploughing. After primary tillage use rotovator for preparing a fine seedbed.</p>
Moringa	Pod fly management	<p>Moderate cloud cover and humidity expected during the coming days are conducive for the incidence of pod fly.</p> <p><b>To control</b></p> <p>Soil application of Thiamethoxam 25 WG @ 200g a.i. / ha on 150, 180 and 210 days after planting. placement of</p>

		fermented tomato fruit trap @ 25 / ha; and need based foliar spray of Spinosad 45 SC @ 56g <i>a.i.</i> / ha followed by Profenophos 50 EC@ 250g <i>a.i.</i> / ha.
Rice	Panicle initiation stage	Moderate cloud cover and humidity expected during the coming days are conducive for the incidence of earhead bug. <b>To control</b> If incidence occurs, spray malathion 500 ml/ ha during morning or evening hours. Start spraying the field from periphery and proceed inwards.

SMS: Rain: 10& 11.9.16: 3& 5 mm..Ensuing NEM season make ready the inputs like seeds, chemicals, biofertilizers, organic manures, chemical fertilizers etc.

Professor and Head  
Agricultural Research Station  
Kovilpatti