



**Gramin Krishi Mausam Sewa (GKMS)  
for Thanjavur District**

**Forecast Period: 17<sup>th</sup> SEPTEMBER to 21<sup>st</sup> SEPTEMBER, 2016**

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**Date: 16.09.16**

**Weather for the past four days (12.09.2016– 15.09.2016)**

Parameters	Past weather
Rainfall (mm)	11.3
Maximum temperature (°C)	33 – 36
Minimum temperature (°C)	26 – 27
Cloud cover (Octa)	4 – 5
Relative humidity (%)	60 – 81
Wind speed (km/ hr)	3 – 5

**Weather forecast for the next five days (until 08:30 hrs of 21.09.2016)**

Parameters	Ensemble FCST				
	Day 1 17.09.2016	Day 2 18.09.2016	Day 3 19.09.2016	Day 4 20.09.2016	Day 5 21.09.2016
Rainfall (mm)	0.5	0	0	0	0
Maximum temperature (°C)	32	31	31	31	31
Minimum temperature (°C)	26	25	25	25	25
Cloud cover (Octa)	5	5	5	5	5
Relative humidity (%)	62 – 78	64 – 80	64 – 80	64 – 80	64 – 80
Wind speed (kmph)	4	4	4	4	4
Wind direction	South West	South West	South West	South West	South West

The sky will be mostly cloudy. A light rainfall 0.5 mm is expected on next one day.

**Weather based Agro-Advisories**

**Crop: Rice, Black gram, Sugarcane, Cotton**

**Stage: Kuruvai –Maturity stage; Samba: Sowing and transplanting**

- For direct sown rice in samba season, sowing by using tractor drawn seed drill, seed rate of 15 kg/acre is required. For manual broadcasting seed rate of 30 kg/acre is required. Seeds should be treated with *Pseudomonas fluorescense* 10g/kg of seed before sowing. Seed treatment increase seed germination, seedling vigour and controls the seed borne disease.
- For 1 acre Samba crop, apply 200 kg of gypsum, 10 kg of zinc sulphate, 15 kg of urea, 40 kg DAP and 10 kg of potash as basal fertilizers. Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack.
- For Late samba/ Thaladi season, rice varieties ADT 38, ADT 46, ADT 49, Improved white Ponni, TRY 3 and TKM 13 are suitable.

**Director**