



**Gramin Krishi Mausam Sewa (GKMS)  
for the Ariyalur District**

**Forecast Period: 07<sup>rd</sup> SEPTEMBER to 11<sup>h</sup> SEPTEMBER, 2016**

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**Date: 06.09.16**

**Weather for the past four days (02.09.2016– 05.09.2016)**

Parameters	Past weather
Rainfall (mm)	13.7
Maximum temperature (°C)	34-36
Minimum temperature (°C)	25-26
Cloud cover (Octa)	6-7
Relative humidity (%)	62-69
Wind speed (km/ hr)	13-18

**Weather forecast for the next five days (until 08:30 hrs of 11.09.2016)**

Parameters	Ensemble FCST				
	Day 1 07.09.2016	Day 2 08.09.2016	Day 3 09.09.2016	Day 4 10.09.2016	Day 5 11.09.2016
Rainfall (mm)	2	0	2	0	5
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	25	25	25	25	25
Cloud cover (Octa)	6	6	6	6	6
Relative humidity (%)	42-58	42-58	42-58	42-58	42-58
Wind speed (kmph)	13	13	13	13	13
Wind direction	West	West	West	West	West

The sky will be mostly cloudy. A light rainfall 2-5mm is expected on next five days expect 08.9.2016 & 10.09.2016.

**Weather based Agro-Advisories**

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

**Stage: Kuruvai - Panicle initiation stage; Samba: Land preparation and sowing**

- Field preparation has to be done for samba season paddy crop by utilizing the last week rainfall.
- 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.
- In direct sown wet seeded rice apply pre-emergence herbicide pretilachlor + safener @500 ml/acre on 3-4 days after sowing to control weeds.

**Director**