



## Gramin Krishi Mausam Sewa (GKMS)

### for the Thiruchirapalli District

**Forecast Period: 08<sup>th</sup> JUNE to 12<sup>th</sup> JUNE, 2016**

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**Date: 07.06.16**

#### Weather for the past four days (03.06.2016– 06.06.2016)

Parameters	Past weather
Rainfall (mm)	9.7
Maximum temperature (°C)	37 – 38
Minimum temperature (°C)	26 – 28
Cloud cover (Octa)	4 – 6
Relative humidity (%)	50 – 63
Wind speed (km/ hr)	10 – 15

#### Weather forecast for the next five days (until 08:30 hrs of 12.06.2016)

Parameters	Ensemble FCST				
	Day 1 08.06.2016	Day 2 09.06.2016	Day 3 10.06.2016	Day 4 11.06.2016	Day 5 12.06.2016
Rainfall (mm)	0	3	0	0	0
Maximum temperature (°C)	37	37	37	37	37
Minimum temperature (°C)	22	22	22	22	22
Cloud cover (Octa)	5	5	5	5	5
Relative humidity (%)	50 – 70	50 – 70	52 – 65	52 – 65	52 – 65
Wind speed (kmph)	10	10	10	10	10
Wind direction	East	East	East	East	East

The sky will be partly cloudy. A light rainfall 3 mm is expected on 08.06.2016.

#### Weather based Agro-Advisories

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

**Stage: Rice fallow cotton – Flowering stage; Rice: Nursery preparation**

- For SRI cultivation, prepare 2.5 cent raised bed nursery for 1 ha planting. Broadcast uniformly 5 kg of pre - germinated seeds over it. Sprinkle water in the bed during morning and evening using rose cane. Maintain standing water in the channel around the beds from 6<sup>th</sup> day of sowing. Sprinkle 0.5 % urea solution on 9<sup>th</sup> day after sowing. Stop irrigation two days before pulling out of seedlings. The seedlings will be ready at 14 days after sowing.
- Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season. Seeds should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing.
- For kuruvai nursery, an area of 20 cents can be allotted for planting 1 ha with the application of FYM or compost @ 1 ton. Before the last puddling, apply 40 kg DAP. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping.

**Director**