



**Gramin Krishi Mausam Sewa (GKMS)  
for Thanjavur 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)            | 24.1         |
| Maximum temperature (°C) | 37 – 38      |
| Minimum temperature (°C) | 29 – 30      |
| Cloud cover (Octa)       | 4 – 5        |
| Relative humidity (%)    | 59 – 69      |
| Wind speed (km/ hr)      | 4 – 7        |

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

| Parameters               | Ensemble FCST       |                     |                     |                     |                     |
|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
|                          | Day 1<br>08.06.2016 | Day 2<br>09.06.2016 | Day 3<br>10.06.2016 | Day 4<br>11.06.2016 | Day 5<br>12.06.2016 |
| Rainfall (mm)            | 0                   | 3                   | 3                   | 2                   | 4                   |
| Maximum temperature (°C) | 34                  | 34                  | 33                  | 33                  | 33                  |
| Minimum temperature (°C) | 28                  | 28                  | 27                  | 27                  | 27                  |
| Cloud cover (Octa)       | 5                   | 5                   | 5                   | 5                   | 5                   |
| Relative humidity (%)    | 60 – 65             | 60 – 65             | 58 – 62             | 58 – 62             | 58 – 62             |
| Wind speed (kmph)        | 4                   | 4                   | 4                   | 4                   | 4                   |
| Wind direction           | North West          | North West          | North West          | North West          | North West          |

The sky will be partly cloudy. A light rainfall 2 – 4 mm is expected on next five days except 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**