



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

Forecast Period: 08th JUNE to 12th 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)	35.7
Maximum temperature (°C)	37 – 38
Minimum temperature (°C)	25 – 29
Cloud cover (Octa)	4 – 6
Relative humidity (%)	65 – 81
Wind speed (km/ hr)	8 – 13

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	4	4	3	5
Maximum temperature (°C)	35	35	34	34	34
Minimum temperature (°C)	28	28	28	28	28
Cloud cover (Octa)	4	4	4	4	4
Relative humidity (%)	68 – 85	68 – 85	65 – 80	65 – 80	65 – 80
Wind speed (kmph)	11	11	11	11	11
Wind direction	South	South	South	South	South

The sky will be partly cloudy. A light rainfall 3 – 5 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

- 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 6th day of sowing. Sprinkle 0.5 % urea solution on 9th 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