



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

Forecast Period: 28th JUNE to 02nd JULY, 2017

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Date: 27.06.2017

Weather for the past four days (23.06.2017–26.06.2017)

Parameters	Past weather
Rainfall (mm)	0.0
Maximum temperature (°C)	37 – 38
Minimum temperature (°C)	26 – 28
Cloud cover (Octa)	3 – 8
Relative humidity (%)	39 – 74
Wind speed (km/ hr)	7 - 17

Weather forecast for the next five days (until 08:30 hrs of 02.07.2017)

Parameters	Ensemble FCST				
	Day 1 28.06.2017	Day 2 29.06.2017	Day 3 30.06.2017	Day 4 01.07.2017	Day 5 02.07.2017
Rainfall (mm)	0	0	1	4	3
Maximum temperature (°C)	37	37	37	36	36
Minimum temperature (°C)	27	27	27	26	26
Cloud cover (Octa)	6	6	8	8	8
Relative humidity (%)	55 – 70	55 – 70	60 – 75	60 – 75	60 – 75
Wind speed (kmph)	16	16	18	18	18
Wind direction	South West	South West	South West	South West	South West

The sky will be partly cloudy. A light rainfall 1 – 4 mm is expected on 30.06.2017, 01.07.2017 & 02.07.2017.

Weather based Agro-Advisories

Crop: Rice and Rice fallow cotton

Stage: Rice fallow cotton: Boll formation 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.
- 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.
- In cotton occurrence of boll worms are being noticed. To control this, spray indoxacarb 15.8 SC 200 ml/acre.

Livestocks

- Feed Azolla 1-2 kg per cow and 0.5-1kg for other animals daily at hot hours of the day.
- Increase the quantity of green fodder and concentrate on day time and decrease the quantity of dry fodder on cooler part of the day.

Director