



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

**Forecast Period: 01<sup>st</sup> OCTOBER to 05<sup>th</sup> OCTOBER, 2016**  
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**Date: 30.09.16**

**Weather for the past three days (27.09.2016– 29.09.2016)**

Parameters	Past weather
Rainfall (mm)	0.1
Maximum temperature (°C)	35 – 38
Minimum temperature (°C)	27 – 28
Cloud cover (Octa)	6 – 7
Relative humidity (%)	70 – 86
Wind speed (km/ hr)	2 – 8

**Weather forecast for the next five days (until 08:30 hrs of 05.10.2016)**

Parameters	Ensemble FCST				
	Day 1 01.10.2016	Day 2 02.10.2016	Day 3 03.10.2016	Day 4 04.10.2016	Day 5 05.10.2016
Rainfall (mm)	2	0	0	0.5	0
Maximum temperature (°C)	35	36	36	36	36
Minimum temperature (°C)	25	26	26	26	26
Cloud cover (Octa)	5	5	5	5	5
Relative humidity (%)	75 – 85	75 – 85	75 – 85	75 – 85	75 – 85
Wind speed (kmph)	6	6	6	6	6
Wind direction	South East	South East	South East	South East	South East

The sky will be mostly cloudy. A light rainfall 0.5 - 2 mm is expected on 01.10.2016 & 05.10.2016.

**Weather based Agro-Advisories**

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

**Stage: Kuruvai–Maturity stage; Samba: Transplanting and active tillering; Thaladi : Sowing and nursery preparation.**

- ❖ For Thaladi season ADT 38, ADT 46, ADT 49, Improved White Ponni, TRY 3, and TKM 13 varieties are suitable
- ❖ During Thaladi season, paddy seeds should be treated with *Pseudomonas fluorescence*@10g/kg of seed before sowing. The seed treatment increases seed germination, seedling vigour and control the seed borne infection.
- ❖ For Thaladi nursery applications of 1 kg DAP/cent is recommended.
- ❖ For 1 acre Thaladi crop, apply 200 kg of gypsum, 10 kg zinc sulphate, 30 kg of urea, 40 kg DAP and 10 kg potash as basal fertilizers. Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack.
- ❖ Leaf mite incidence is being noticed in the Samba paddy fields due to prevailing weather condition. To manage this, spray Dicofol @ 600 ml/ acre or wettable sulphur@ 400 g/ acre with 200 liter of water.

**Director**