



**Gramin Krishi Mausam Sewa (GKMS)
for the Nagapattinam District**

Forecast Period: 05st SEPTEMBER to 09th SEPTEMBER, 2018

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Date: 04.09.2018

Weather for the past four days (31.08.2018–03.09.2018)

Parameters	Past weather
Rainfall (mm)	26.8
Maximum temperature (°C)	35-37
Minimum temperature (°C)	25-26
Cloud cover (Octa)	5-7
Relative humidity (%)	48-92
Wind speed (km/ hr)	2-8

Weather forecast for the next five days (until 08:30 hrs of 09.09.2018)

Parameters	Ensemble FCST				
	Day 1 05.09.2018	Day 2 06.09.2018	Day 3 07.09.2018	Day 4 08.09.2018	Day 5 09.09.2018
Rainfall (mm)	1	0.5	0	0	0.5
Maximum temperature (°C)	35	36	36	36	36
Minimum temperature (°C)	26	26	26	27	27
Cloud cover (Octa)	6	6	5	6	6
Relative humidity (%)	45-80	40-75	40-75	40-75	40-75
Wind speed (kmph)	10	10	8	8	8
Wind direction	west	west	west	west	west

The sky will be mostly cloudy. A light rainfall of 0.5-1 mm is expected on 05.09.18 ,06.09.18 and 09.09.18

Weather based agromet advisories

Crop: Rice

Stage: Rice: - kuruvai : Maturity stage Samba: sowing and transplanting

- Black bug incidence has been observed in Kuruvai paddy crop. To control this pest, Spray Acephate 400g in 200 litre of water for one acre.
- For direct sown rice in samba season, sowing by using tractor drawn seed drill, seed rate of 15 kg/acre is required. For manual broadcasting seed rate of 30 kg/acre is required. Seeds should be treated with *pseudomonas fluorescence* 10g/kg of seed before sowing. Seed treatment increase seed germination, seedling vigour and controls the seed borne infection.
- In direct sown wet seeded rice apply pre-emergence herbicide of pretilachlor + safener @500 ml/acre on 3-4 days after sowing to control weeds.
- For 1 acre Samba crop, apply 200 kg of gypsum, 10 kg of zinc sulphate, 35 kg of urea, 150 kg Super phosphate and 10 kg of potash as basal fertilizers. Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack.

Director