Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal - 609 603

Agromet Advisory Bulletin (AAB) for

KARAIKAL District

Forecast Period : 08th June to 12th June 2016

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Bulletin No.046 (06)/PJN/GKMS/2016   **Date: 07.06.16**

Significant past weather from 03.06.16 to 06.06.16

Parameters	Past Weather
Rainfall (mm) (Rainy Day)	11.50 (1)
Maximum temperature (^{o}C)	35-38
Minimum temperature (^{o}C)	24-28
Sky condition (Octas)	0-2
Relative humidity (%)	47-92
Wind (km/hr)	5-7

Weather forecast until 08.30 hrs of 12.06.2016

Parameters	Ensemble FCST				
	DAY-1 08.06.16	DAY-2 09.06.16	DAY-3 10.06.16	DAY-4 11.06.16	DAY-5 12.06.16
Rainfall (mm)	0	5	4	3	5
Maximum temperature (^{o}C)	35	35	35	35	35
Minimum temperature (^{o}C)	27	27	27	27	27
Sky condition (Octas)	6	6	6	6	6
Relative humidity (%)	72-80	72-80	72-80	72-80	72-80
Wind (km/hr)	12	12	12	12	12
Wind direction	SSW	SSW	SSW	SSW	SSW

SMS Advisory:

❖ *Light rain may occur from 9th to 12th June.*

Weather based Agro-Advisories

➢ Summer showers may be utilized and summer ploughing may be done to increase soil moisture and to control weeds, pest and diseases.

➢ To prevent early shedding of buds and squares in cotton spray 40 ppm NAA (40 mg of Naphthalene Acetic Acid in one litre of water) at 60 and 90 DAS on the crops.

➢ Nipping may be done at 15th node for variety and 20th node for hybrid cotton to induce sympodial branches development.

➢ Apply *Trichoderma viride* 2.5 kg + *Pseudomonas fluorescence* 2.5 kg + 250 kg well decomposed farm yard manure per hectare as a prophylactic measure for cotton.

➢ To control wilt and root rot disease in cotton, drench the soil with Carbendazim @ 1 g per litre or Carbendazim + Iprodione @ 1 g per litre or Trifloxystrobin + Tebuconazole @ 0.75 g per litre at the base of the diseased plant as well as around the healthy plant so as to wet 10-15cm depth of soil.

Prof. & Head   **DEAN**

(Agronomy)   **PAJANCOA & RI**