



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

Agromet Advisory Bulletin (AAB) for KARAİKAL District

Issued jointly by IMD & PAJANCOA & RI

Forecast Period: 13th to 17th September 2023

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Bulletin No.073 (09)/PJN/GKMS/2023

Date: 12.09.2023

Weather Summary for Karaikal district

Past week Summary (07.09.2023 to 11.09.2023)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 17.09.2023				
07/09	08/09	09/09	10/09	11/09		Day-1 13/09	Day-2 14/09	Day-3 15/09	Day-4 16/09	Day-5 17/09
25.5	6.0	0	0	0	Rainfall (mm)	5	4	4	5	6
37	36	36	37	37	Max. Temp. (°C)	35	34	34	33	33
25	24	27	27	27	Mini. Temp. (°C)	27	26	26	26	26
3	3	3	2	3	Cloud cover (Octa)	7	6	5	8	8
51-89	50-83	48-85	50-75	45-80	RH Even- Morn. (%)	40-70	50-70	50-70	50-70	50-70
6	5	7	8	7	Wind (kmph)	20	22	26	26	14
WSW	WSW	WSW	SSW	WSW	Wind direction	SSW	SSW	SSW	SSW	SSW

Forecast for next five days: 13.09.2023 to 17.09.2023

- During next five days the sky will be cloudy. Light rain is expected from 13th to 17th September. The temperature range is expected to be around 26-35°C. Relative humidity range is expected to be around 40-70%. The wind speed is expected to be 14-26 km per hour and the wind will be mostly from south south west direction.
- Rainfall (4.55 mm), maximum temperature (32.67°C) and minimum temperature (23.65°C) will be normal from 17th to 23rd September.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
Rice (Samba)	Field preparation	For direct seeded rice , apply 50 kg of P ₂ O ₅ /ha as basally in the last plough and level the field to have uniform crop stand and provide shallow trenches (15 cm width) at an interval of 3 m all along the field to facilitate the draining of excess water in case of heavy rainfall at the early growth stage of rice.
	Sowing	Long duration rice varieties like CR 1009, CR 1009 <i>Sub 1</i> , ADT 50 and KCLR 1 may be adopted for ensuing <i>Samba</i> season. For direct seeded rice, sowing may be done upto 30 th September.
	Weed management	To manage weeds in nursery , apply pre-emergence herbicide Butachlor 50 EC @ 1.0 kg (a.i.)/ha on 8 DAS.
		To manage weeds in direct wet seeded rice , apply Pretilachlor + safener 30 EC @ 0.450 kg (a.i.)/ha at 3 days after sowing.
To manage weeds in direct dry seeded rice , apply Pendimethalin 30 EC @ 1.0 kg (a.i.)/ha at 5 days after sowing.		
Cattle	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia. Grazing animals that are drinking pond water should be dewormed
	Deworming	Grazing animals that are drinking pond water should be dewormed.

	Shed management	Repair cattle/goat/poultry shed before the rainy season and ensure the roof leak proof. Otherwise leaking of rain water in dirty sheds may increase in ammonia production and coccidiosis disease.
		Do patchwork to fill the cracks in the floor to prevent hoof rotting disease of goats.
	Paddy straw enriching	Urea enriched paddy straw can be prepared and used for cattle (To enrich 100 kg of paddy straw, dissolve 4 kg urea in 65 litres of water and sprinkle prepared urea solution over the paddy straw and cover it. After 21 days the urea treated paddy straw can be used for feeding).

SMS: Postpone irrigation as light rain is expected for the next five days.

**DEAN
PAJANCOA & RI**