



**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: 04th to 08th October 2023

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Weather Summary for Karaikal district

Past week Summary (28.09.2023 to 02.10.2023)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 08.10.2023				
28/09	29/09	30/09	01/10	02/10		Day-1 04/10	Day-2 05/10	Day-3 06/10	Day-4 07/10	Day-5 08/10
0	0	5.5	1.0	0	Rainfall (mm)	0	3	8	3	0
37	36	36	35	36	Max. Temp. (°C)	34	34	33	33	33
25	25	25	25	26	Mini. Temp. (°C)	27	26	26	26	26
3	3	4	4	4	Cloud cover (Octa)	3	4	6	8	3
49-81	51-76	59-75	54-81	53-83	RH Even- Morn. (%)	50-80	50-80	50-90	50-90	50-80
4	5	6	6	7	Wind (kmph)	22	22	18	18	18
WSW	WNW	WSW	WSW	SSW	Wind direction	SSW	SSW	SSW	SSW	SSW

Forecast for next five days: 04.10.2023 to 08.10.2023

- During next five days the sky will be cloudy. Light to moderate rain is expected from 05th to 07th October. The temperature range is expected to be around 26-34°C. Relative humidity range is expected to be around 50-90%. The wind speed is expected to be 18-22 Km per hour and the wind will be mostly from south south west direction.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
Rice	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 on the day of receipt of soaking rain.
Cattle	Paddy straw enriching	Urea enriched paddy straw can be prepared in dry days of this month and it can be used for cattle from rainy season to end of winter season. (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).
	Hemorrhagic septicaemia	Hemorrhagic septicaemia is a bacterial disease in cattle. It generally occurs during rainy season. Hence, to prevent this disease in farm animals vaccinate cattle before rainy season for Hemorrhagic septicaemia (October).
	Theileriosis	Theileriosis is an important disease in exotic and cross bred dairy cattle. This disease is transmitted by the bite of the ticks of the genus Hyalomma. The growth and development is high in ticks during September and October. Hence, the breeding places of ticks

		like cattle manure, filth, dark corners, dampness and stagnant water etc. and eggs of ticks deposited in cracks & crevices in the walls, floors & wood work of the animal houses should be cleaned properly to prevent the occurrence of the disease in cattle.
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SMS: Light to moderate rain is expected for next few days. Hence, postpone irrigation to paddy crop.

**DEAN
PAJANCOA & RI**