



**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: 23rd to 27th September 2023

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Weather Summary for Karaikal district

Past week Summary (17.09.2023 to 21.09.2023)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 27.09.2023				
17/09	18/09	19/09	20/09	21/09		Day-1 23/09	Day-2 24/09	Day-3 25/09	Day-4 26/09	Day-5 27/09
0	18.5	2.5	0	0	Rainfall (mm)	5	4	5	6	6
37	36	35	36	36	Max. Temp. (°C)	34	34	33	33	33
27	25	25	26	27	Mini. Temp. (°C)	27	26	26	26	25
4	5	4	2	2	Cloud cover (Octa)	6	7	8	6	8
51-77	55-86	56-84	46-84	56-81	RH Even- Morn. (%)	60-80	50-80	50-80	60-80	60-80
8	6	6	6	5	Wind (kmph)	22	20	16	20	20
WSW	WSW	WSW	SSW	WSW	Wind direction	SSW	SSW	SSW	SSW	SSW

Forecast for next five days: 23.09.2023 to 27.09.2023

- During next five days the sky will be cloudy. Light rain is expected from 23rd to 27th September. The temperature range is expected to be around 25-34°C. Relative humidity range is expected to be around 50-80%. The wind speed is expected to be 16-22 km per hour and the wind will be mostly from south south west direction.
- Rainfall (7.52 mm) will be above normal, maximum temperature (31.15°C) and minimum temperature (23.20°C) will be normal from 27th September to 03rd October.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
Rice	Rice varieties	Medium duration rice varieties like ADT 38, ADT 39, ADT 46, CO 50, CO 52, TKM 13, TRY 3 and KCLR 2 may be adopted for ensuing late <i>Samba</i> or <i>Thaladi</i> season.
	Dry seed treatment	Mix the seeds with Captan or Thiram 24 hrs before sowing @ 4g/kg of seed. This dry seed treatment gives protection to the seedlings up to 40 days from seedling disease such as blast and brown spot .
	Sowing	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 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).
	Liver Fluke	There is a possibility that livestock may be affected by liver flukes spread by snails through the grasses that have grown in the rains of the past week. Avoid grazing of animals in the early morning and late evening as grasses are wet. Hence, allow the cattle to graze after the grass dries up due to sun shine.

SMS: Only light rain is expected for next five days. Hence, application of pre-emergence herbicide may be done in rice nursery.

**DEAN
PAJANCOA & RI**