



**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: 30th September to 04th October 2023

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Weather Summary for Karaikal district

Past week Summary (24.09.2023 to 28.09.2023)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 04.10.2023				
24/09	25/09	26/09	27/09	28/09		Day-1 30/09	Day-2 01/10	Day-3 02/10	Day-4 03/10	Day-5 04/10
0	0	1.2	0	0	Rainfall (mm)	2	2	5	6	16
36	36	34	37	37	Max. Temp. (° C)	33	33	32	32	32
27	25	24	26	25	Mini. Temp. (° C)	24	24	23	23	23
4	5	5	3	3	Cloud cover (Octa)	8	6	6	8	8
49-79	58-81	66-92	47-86	49-81	RH Even- Morn. (%)	50-70	50-70	50-70	50-70	50-70
6	5	3	3	4	Wind (kmph)	22	22	20	20	22
SSW	WNW	NNE	WNW	WSW	Wind direction	SSW	SSW	SSW	SSW	SSW

Forecast for next five days: 30.09.2023 to 04.10.2023

- During next five days the sky will be cloudy. Light rain is expected from 30th September to 03rd October and moderate rain is expected on 04th October. The temperature range is expected to be around 23-33°C. Relative humidity range is expected to be around 50-70%. The wind speed is expected to be 20-22 Km per hour and the wind will be mostly from south south west direction.
- Rainfall (7.71 mm) will be above normal, maximum temperature (30.88°C) and minimum temperature (23.14°C) will be normal from 01st to 07th 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 KKLR 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).
	Black quarter and Hemorrhagic septicaemia	Black quarter and Hemorrhagic septicaemia are bacterial diseases in cattle. It generally occurs during rainy season. Hence, to prevent these diseases in farm animals vaccinate cattle before rainy season for Black quarter (August to September) and Hemorrhagic septicaemia (September to 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.

SMS: Light to moderate rain is expected for next five days. Hence, field preparation for paddy may be done.

**DEAN
PAJANCOA & RI**