



**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: 17th to 21st September 2024

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Weather Summary for Karaikal district

Past week Summary (11.09.2024 to 15.09.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.09.2024				
11/09	12/09	13/09	14/09	15/09		Day-1 17/09	Day-2 18/09	Day-3 19/09	Day-4 20/09	Day-5 21/09
0	0	0	0	0	Rainfall (mm)	1	1	0	0	0
38	39	39	39	39	Max. Temp. (°C)	36	35	36	36	37
26	27	27	27	26	Mini. Temp. (°C)	28	28	29	29	29
2	3	2	2	4	Cloud cover (Octa)	8	8	8	1	0
57-79	45-83	52-87	45-79	47-74	RH Even- Morn. (%)	40-60	50-70	40-70	40-70	40-60
6	5	5	5	4	Wind (kmph)	18	18	20	22	22
WSW	WSW	WSW	SW	WNW	Wind direction	SSW	SSW	SSW	SSW	SSW

Forecast for next five days: 17.09.2024 to 21.09.2024

Light rain is expected on 17th and 18th September. During next five days the sky will be cloudy. The temperature range is expected to be around 28-37°C. Relative humidity range is expected to be around 40-70%. The wind speed is expected to be 18-22 km per hour and the wind will be mostly from south south west direction.

Rainfall, maximum temperature (34°C to 38°C) and minimum temperature (24°C to 26°C) will be above normal from 20th to 26th September.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
Rice	Variety	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.
	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.
	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.
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: Light rain is expected for next few days. Hence, postpone irrigation to crops.

**DEAN
PAJANCOA & RI**

