



**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: 01<sup>th</sup> to 15<sup>th</sup> September 2024**

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**Weather Summary for Karaikal district**

Past week Summary (05.09.2024 to 09.09.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 15.09.2024				
05/09	06/09	07/09	08/09	09/09		Day-1 11/09	Day-2 12/09	Day-3 13/09	Day-4 14/09	Day-5 15/09
0	0	0	9.0	0	<b>Rainfall (mm)</b>	0	0	3	2	0
38	38	38	38	38	<b>Max. Temp. (°C)</b>	37	37	36	35	35
26	27	27	26	26	<b>Mini. Temp. (°C)</b>	27	27	28	27	27
4	5	4	4	3	<b>Cloud cover (Octa)</b>	5	5	7	7	8
48-79	55-83	47-79	55-76	53-84	<b>RH Even- Morn. (%)</b>	40-60	40-60	40-70	40-60	40-70
4	4	4	4	4	<b>Wind (kmph)</b>	24	22	20	20	18
WNW	WSW	WSW	WSW	WSW	<b>Wind direction</b>	SSW	SSW	SSW	SW	SW

**Forecast for next five days: 11.09.2024 to 15.09.2024**

Light rain is expected on 13<sup>th</sup> and 14<sup>th</sup> September. During next five days the sky will be cloudy. The temperature range is expected to be around 27-37 °C. Relative humidity range is expected to be around 40-70%. The wind speed is expected to be 18-24 km per hour and the wind will be mostly from south south west direction.

**Agro Advisory**

Crop/live stock	Stage/Particulars	Agro Advisory
<b>Rice</b>	Variety	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.
	Field preparation	For <b>direct seeded rice</b> , apply 50 kg of P <sub>2</sub> O <sub>5</sub> /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 <b>blast</b> and <b>brown spot</b> .
	Sowing	For direct seeded rice, sowing may be done upto 30 <sup>th</sup> September.
	Weed management	To manage weeds in <b>nursery</b> , apply pre-emergence herbicide Butachlor 50 EC @ 1.0 kg (a.i.)/ha on 8 DAS.

		To manage weeds in <b>direct wet seeded rice</b> , apply Pretilachlor + safener 30 EC @ 0.450 kg (a.i.)/ha at 3 days after sowing.
		To manage weeds in <b>direct dry seeded rice</b> , apply Pendimethalin 30 EC @ 1.0 kg (a.i.)/ha at 5 days after sowing.
<b>Cattle</b>	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**

