



**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: 09th to 13th October 2024

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Weather Summary for Karaikal district

Past week Summary (03.10.2024 to 07.10.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 13.10.2024				
03/10	04/10	05/10	06/10	07/10		Day-1 09/10	Day-2 10/10	Day-3 11/10	Day-4 12/10	Day-5 13/10
0	0	47.50	0	0	Rainfall (mm)	5	4	10	15	36
37	37	37	37	34	Max. Temp. (°C)	31	30	30	29	28
27	27	23	25	26	Mini. Temp. (°C)	25	24	24	23	22
4	3	5	5	4	Cloud cover (Octa)	8	8	8	5	8
61-81	68-89	74-96	75-89	73-89	RH Even- Morn. (%)	60-80	60-80	60-80	60-80	60-80
7	5	5	3	1	Wind (kmph)	16	12	16	14	16
SW	ENE	ENE	ENE	SW	Wind direction	SSW	SE	SE	E	E

Forecast for next five days: 09.10.2024 to 13.10.2024


Light rain is expected from 09th to 11th October.

Moderate rain is expected on 12th and 13th October.

During next five days the sky will be cloudy. The temperature range is expected to be around 22-31°C. Relative humidity range is expected to be around 60-80 %. The wind speed is expected to be 12-16 km per hour and the wind will be mostly from south south east direction.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
Rice	Sowing	Light to moderate rain is expected for next five days. Hence, land may be prepared and sowing of rice may be taken up.
	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. KKLR 4 can be sown upto 15 th October.
	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 .
	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.
The prevailing weather conditions are favourable for the incidence of following insects. If severe infestation is noticed respective control measures may be taken.		
Rice	Hispa beetle	<p>Symptoms of hispa beetle infestation</p>  <p>To control hispa beetles in rice, spray cartapHydrochloride 50 % SP 1000 g/ha.</p>
Pumpkin	Pumpkin beetle	To control Pumpkin beetle, spray malathion 50 EC @ 500 ml/ha or Methyl dematon 25 EC @ 500 ml/ha
Brinjal	Mealy bug	To control mealy bug, apply azadirachtin 0.03 % WSP 2500-5000 g/ha
Bhendi	Mealy bug	
Guava	Mealy bug	
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.

SMS: As light to moderate rain is expected for next five days, land may be prepared and sowing of rice may be taken up.

**DEAN
PAJANCOA & RI**