



**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: 04th to 08th September 2024

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Bulletin No. 071 (09)/PJN/GKMS/2024

Date: 03.09.2024

Weather Summary for Karaikal district

| Past week Summary (29.08.2024 to 02.09.2024) | | | | | Weather Parameters | Ensemble weather forecast valid until 08.30 hrs of 08.09.2024 | | | | |
|---|-------|-------|-------|-------|---------------------------|--|----------------|----------------|----------------|----------------|
| 29/08 | 30/08 | 31/08 | 01/09 | 02/09 | | Day-1 04/09 | Day-2 05/09 | Day-3 06/09 | Day-4 07/09 | Day-5 08/09 |
| 0 | 19.4 | 0 | 0 | 0 | Rainfall (mm) | 6 | 5 | 0 | 2 | 8 |
| 34 | 35 | 37 | 37 | 38 | Max. Temp. (°C) | 37 | 36 | 36 | 36 | 35 |
| 27 | 25 | 25 | 25 | 26 | Mini. Temp. (°C) | 26 | 26 | 25 | 25 | 25 |
| 5 | 4 | 4 | 4 | 4 | Cloud cover (Octa) | 8 | 7 | 5 | 6 | 5 |
| 58-80 | 58-93 | 58-83 | 53-83 | 51-80 | RH Even- Morn. (%) | 50-60 | 40-70 | 40-70 | 40-70 | 40-70 |
| 3 | 4 | 4 | 5 | 4 | Wind (kmph) | 18 | 20 | 22 | 22 | 20 |
| SW | SW | SW | SW | SSW | Wind direction | SW | SW | SW | SSW | SW |

Forecast for next five days: 04.09.2024 to 08.09.2024

Light rain is expected on 04th, 05th, 07th and 08th September.

During next five days the sky will be cloudy. The temperature range is expected to be around 25-37 °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 west direction.

Rainfall (1.7 mm) will be below normal, maximum temperature (32.7°C) and minimum temperature (23.6°C) will be normal from 08th to 14th 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**

