



**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: 24th to 28th August 2022

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Weather Summary for Karaikal district

Past week Summary (18.08.2022 to 22.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 28.08.2022				
18/08	19/08	20/08	21/08	22/08		Day-1 24/08	Day-2 25/08	Day-3 26/08	Day-4 27/08	Day-5 28/08
0.5	0	0	0	0	Rainfall (mm)	26	24	24	3	3
36	36	34	37	37	Max. Temp. (° C)	37	36	36	36	36
25	25	26	26	24	Mini. Temp. (° C)	23	22	22	22	22
3	5	5	2	2	Cloud cover (Octa)	8	8	8	7	7
53-84	64-84	62-83	49-84	48-73	RH Even- Morn. (%)	40-80	40-80	40-80	40-80	40-80
6	5	4	5	7	Wind (kmph)	8	12	12	12	10
WSW	WSW	WSW	WSW	WSW	Wind direction	W	W	W	W	W

Forecast for next five days: 24.08.2022 to 28.08.2022

- Heavy rain is likely to occur at isolated places on 24th to 27th August.
- Moderate rain is likely to occur at many places from 24th to 26th August.
- Light rain is likely to occur at a few places on 27th and 28th August.

During next five days, the sky will be cloudy. The temperature range is expected to be around 22°C - 37°C. Relative humidity range is expected to be around 40-80%. The wind speed is expected to be 08-12 km per hour and the wind will be mostly from west direction.

Rainfall (7.25 mm) will be above normal, maximum temperature (30.98°C) and minimum temperature (24.54°C) will be normal from 28th August to 03rd September.

Agro Advisory

Crop	Stage	Advisory
Thunderstorm and lightning warning		Thunderstorm with lightning is likely to occur at isolated places from 24 th to 28 th August. Farmers are advised to keep their animals inside the cattle shed and avoid animals congregating under isolated tree or near trees, tractor, farm machinery and other equipment made of metals. Ensure that your animals are safe from the dangers of lightning strikes.
Green manure crop	Sowing	Utilizing the received rainfall seeds of green manure crops like sithagathi or daincha or manila agathi @ 50 kg/ha may be sown and incorporated at pre flowering stage.
Rice	Harvest	Harvest the matured paddy immediately as light to heavy rain is anticipated for next few days.
	Field preparation	Farmers are advised to take up land preparation work for sowing samba paddy crops, utilizing showers received in the past few days. 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.
	Variety	Long duration rice varieties like CR 1009, ADT 50 and KKL R 1 may be adopted for ensuing <i>Samba</i> season.
	Seed treatment	Treat the seeds with Carbendazim or Pyroquilon or Tricyclozole @ 2 g/kg of seed. Soak the seeds in water for 10 hrs and drain the excess water.
Cattle	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.
	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

SMS: Light to heavy rain is expected for next few days. Hence, Farmers are advised to take up land preparation for *samba* paddy and postpone irrigation to *kuruvai* paddy and other crops.

**DEAN
PAJANCOA & RI**