



**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: 31st August to 04th September 2022

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Date: 30.08.2022

Weather Summary for Karaikal district

Past week Summary (25.08.2022 to 29.08.2022)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 04.09.2022				
25/08	26/08	27/08	28/08	29/08		Day-1 31/08	Day-2 01/09	Day-3 02/09	Day-4 03/09	Day-5 04/09
0	1.0	3.5	4.0	0	Rainfall (mm)	4	4	4	4	12
33	33	34	34	34	Max. Temp. (° C)	32	32	32	22	32
25	25	24	25	25	Mini. Temp. (° C)	27	26	26	26	26
2	3	5	3	4	Cloud cover (Octa)	4	7	6	6	8
57-84	64-89	63-92	62-87	69-86	RH Even- Morn. (%)	50-80	50-80	50-70	50-70	50-70
4	3	6	2	2	Wind (kmph)	8	8	8	8	12
WSW	WNW	WSW	WSW	WSW	Wind direction	W	W	W	W	W

Forecast for next five days: 31.08.2022 to 04.09.2022

- Light rain is likely to occur at many places from 31st August to 03rd September.
- Moderate rain is likely to occur at many places on 04th September.

🌿 During next five days, the sky will be cloudy. The temperature range is expected to be around 26°C - 32°C. Relative humidity range is expected to be around 50-80%. The wind speed is expected to be 08-12 km per hour and the wind will be mostly from west direction.

🌿 Rainfall (8.43 mm) will be above normal, maximum temperature (30.44°C) and minimum temperature (24.07°C) will be normal from 04th to 10th September.

Agro Advisory

Crop	Stage	Advisory
Thunderstorm and lightning warning		Thunderstorm with lightning is likely to occur at isolated places from 31 st August to 03 rd September. 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 KKL1 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 moderate rain is expected for next few days. Hence, postpone irrigation to crops.

**DEAN
PAJANCOA & RI**