



**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: 19<sup>th</sup> to 23<sup>rd</sup> September 2023**

Phone No. 04368 – 261182 E-mail: [agrnaas2012@gmail.com](mailto:agrnaas2012@gmail.com)

Fax: 04368-261260



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**Weather Summary for Karaikal district**

Past week Summary (13.09.2023 to 17.09.2023)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 23.09.2023				
13/09	14/09	15/09	16/09	17/09		Day-1 19/09	Day-2 20/09	Day-3 21/09	Day-4 22/09	Day-5 23/09
0	0	2.5	0	0	<b>Rainfall (mm)</b>	26	10	12	15	22
38	38	37	37	37	<b>Max. Temp. (°C)</b>	34	33	33	32	32
26	27	26	27	27	<b>Mini. Temp. (°C)</b>	23	23	23	22	22
3	4	3	3	4	<b>Cloud cover (Octa)</b>	8	8	8	8	8
39-84	45-77	54-82	45-79	51-77	<b>RH Even- Morn. (%)</b>	70-90	60-80	50-80	60-80	60-90
5	7	7	8	8	<b>Wind (kmph)</b>	20	20	18	20	22
WSW	WSW	WSW	WSW	WSW	<b>Wind direction</b>	SSW	SSW	SSW	SSW	SSW

**Forecast for next five days: 19.09.2023 to 23.09.2023**

- During next five days the sky will be cloudy. Moderate rain is expected from 19<sup>th</sup> to 23<sup>rd</sup> September. The temperature range is expected to be around 22-34°C. Relative humidity range is expected to be around 50-90%. The wind speed is expected to be 18-22 km per hour and the wind will be mostly from south south west direction.
- Rainfall (7.54 mm) will be above normal, maximum temperature (32.36°C) and minimum temperature (23.66°C) will be normal from 20<sup>th</sup> to 26<sup>th</sup> September.

**Agro Advisory**

Crop/live stock	Stage/Particulars	Agro Advisory
<b>Rice</b>	Rice varieties	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.
	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 on the day of receipt of soaking rain.	
<b>Cattle</b>	Paddy straw enriching	Urea enriched paddy straw can be prepared in dry days of this month and it can be used for cattle from rainy season to end of winter season. (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).
	Liver Fluke	There is a possibility that livestock may be affected by liver flukes spread by snails through the grasses that have grown in the rains of the past week. Avoid grazing of animals in the early morning and late evening as grasses are wet. Hence, allow the cattle to graze after the grass dries up due to sun shine.

**SMS:** As moderate rain is expected for next five days, prepare the land and take up rice sowing.

**DEAN  
PAJANCOA & RI**