



**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: 28<sup>th</sup> September to 02<sup>nd</sup> October 2022**

Phone No. 04368 – 261182 E-mail: [agronaas2012@gmail.com](mailto:agronaas2012@gmail.com)

Fax: 04368-261260



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**Weather Summary for Karaikal district**

Past week Summary (22.09.2022 to 26.09.2022)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.10.2022				
22/09	23/09	24/09	25/09	26/09		Day-1 28/09	Day-2 29/09	Day-3 30/09	Day-4 01/10	Day-5 02/10
0	0	0	0	5.2	<b>Rainfall (mm)</b>	32	34	4	0	4
38	38	38	37	36.3	<b>Max. Temp. (° C)</b>	32	32	34	34	35
26	26	25	25	24.7	<b>Mini. Temp. (° C)</b>	24	23	26	26	26
1	1	1	2	8	<b>Cloud cover (Octa)</b>	4	7	8	8	8
41-70	44-71	44-77	43-79	62-92	<b>RH Even- Morn. (%)</b>	40-80	40-80	40-80	40-80	40-80
5	5	4	4	4	<b>Wind (kmph)</b>	10	12	12	12	12
WSW	WSW	WSW	WSW	NW	<b>Wind direction</b>	SW	SW	SW	WSW	WSW

**Forecast for next five days: 28.09.2022 to 02.10.2022**

- ➔ Heavy rain is likely to occur at isolated places on 28<sup>th</sup> and 29<sup>th</sup> September.
- ➔ Light to moderate rain may occur at many places from 28<sup>th</sup> to 30<sup>th</sup> September and 02<sup>nd</sup> October.
- ➔ Thunderstorm with lightning is likely to occur at isolated places from 28<sup>th</sup> September to 02<sup>nd</sup> October.

🌸 During next five days, the sky will be cloudy. The temperature range is expected to be around 23-35°C. Relative humidity range is expected to be around 40-80%. The wind speed is expected to be 10-12 km per hour and the wind will be mostly from south west direction.

🌸 Rainfall (8.97 mm) will be above normal, maximum temperature (31.25°C) and minimum temperature (23.13°C) will be normal from 02<sup>nd</sup> to 08<sup>th</sup> October.

**Agro Advisory**

Crop/ Livestock	Stage/ Particulars	Agro Advisory
<b>Rice</b>	<b>Main field preparation</b>	Before planting or direct sowing, efficient drainage facilities may be provided to avoid flooding of fields.
	<b>Sowing</b>	For direct seeded rice, sowing may be done up to 30 <sup>th</sup> September.
	<b>Fertilizer application</b>	Apply urea @ 37 kg/ha, DAP @ 100 kg/ha, potash @ 25 kg/ha, zinc sulphate @ 25 kg/ha and gypsum @ 500 kg/ha as basal for samba paddy crop <b>before transplanting</b> .
		For <b>direct seeded rice</b> , apply 50 kg of P <sub>2</sub> O <sub>5</sub> /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.
<b>Weeding</b>	In paddy, to control weeds in <b>nursery</b> area of 800 m <sup>2</sup> , apply pre-emergence herbicide Butachlor 160 ml at 8 <sup>th</sup> DAS with sand.	

		To manage weeds in <b>direct wet seeded rice</b> , apply pyrazosulfuron ethyl @ 200 g/ha at 3-5 days after sowing.
		To manage weeds in direct dry seeded rice, apply pendimethalin @ 3.3 l/ha on 3 days after sowing (DAS) followed by bispyripac sodium @ 200 ml/ha as early post emergence (20 DAS) and followed by hand weeding on 40 DAS to manage weeds.
<b>Cattle</b>	<b>Paddy straw enriching</b>	During rainy days, 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).
	<b>Vaccination</b>	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia.
	<b>Deworming</b>	Grazing animals that are drinking pond water should be dewormed.

**SMS:** Light to moderate rain is expected for next few days.

**DEAN  
PAJANCOA & RI**