



Agro-met Advisory Service bulletin for the District

South 24 Parganas

(Period to 4th July to 8th July, 2018)

Issued jointly by GKMS, Kakdwip, BCKV and IMD



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Date: 3rd July, 2018

Weather for last four days (29th June to 2nd July, 2018)

	29/06/18	30/06/18	01/07/18	02/07/18
Rainfall (mm)	11.4	0.0	0.0	0.0
Maximum Temperature (°C)	33.5	34.5	35.5	35.0
Minimum Temperature (°C)	25.0	26.0	27.0	27.5
Relative Humidity (%)	92	82	76	85
Wind Speed (Km ph)	1	1	1	1

Weather for the preceding week (26th June to 2nd July, 2018)

Rainfall (mm)	122.3
Maximum Temperature (°C)	29.5-35.5
Minimum Temperature (°C)	24.0-27.5
Relative Humidity (%)	76-96
Wind Speed (Km ph)	1

Weather forecast for next five days (4th July to 8th July, 2018)

- Light to moderate rainfall is predicted in the next five days.
- Sky will be mainly cloudy to overcast in the next five days.
- Wind speed will be 4-11 km/hr. and the predominant wind direction will be Southeasterly to Southwesterly.
- Maximum temperature is expected to be around 32.0^oC -34.0^oC and minimum temperature is likely to be around 26.0^oC-27.0^oC.
- Maximum and minimum relative humidity will be in the range of 83% -85% and 48% -54%.

Weather based Agro-Advisories

Crop	Stage	Disease pest	Advisory
Aman wet seeded paddy			--Complete sowing of Aman paddy (0.3 decimal area per bigha) --Before sowing treated the seeds for one hour by Diethane M-45@3g/kg of seed --In low land area land preparation should be done by mixing the daincha plant in the soil with the help of ploughing --Make proper drainage facility in the field for avoiding water stagnation
Betel vine	Green leaf	Water stagnation and mud cover over the leaf	--Immediate drain out the excess water from the garden -- Wash the lower leaves from mud if possible for protecting the leaves from rotting --Arrange proper wind movement inside the garden
Rhizome crop (Turmeric, Ginger)	Rhizome formation stage	Rhizome rot due to water stagnation	--Apply Bavistin/Carbendazin@ 1g/liter of water --Immediate drain out the excess water through proper channel
Early winter vegetables (cabbage, cauliflower etc.)sowing			--Make raised seed bed of length 10ft, width 3ft and height 6 inch with proper drainage channel 6inch depth between two beds on the upland area. -- Prepare the soil with 10kg compost, 25g trichoderma viridi and 25g Pseudomonus fluorescense per mt ² area --Before sowing the seed, treated them with Carbendazin@2-3g/kg of seed --As monsoon already reached, after rainfall the upper soil layer of seed bed may be harden, stirring the upper soil with hand equipment and make it friable.

Monsoon season is observed from NDVI data and mild dry condition is observed from SPI data in the Southern part of West Bengal