



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
Bidhan Chandra Krishi Viswavidyalaya
Mohanpur, Dist- Nadia, West Bengal



Agromet Advisory Bulletin

Date : 24-12-2021

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2021-12-24(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-25	2021-12-26	2021-12-27	2021-12-28	2021-12-29
Rainfall(mm)	0	0	0	0	0
Tmax(°C)	25.7	26.8	27.7	27.4	27.1
Tmin(°C)	15.1	15.3	15.8	15.9	15.6
RH-I(%)	58	61	70	64	57
RH-II(%)	37	33	37	42	42
Wind Speed(kmph)	7.7	6.1	5.8	8.0	10.6
Wind Direction(Degree)	255	180	191	180	68
Cloud Cover(Octa)	0	0	0	1	5

Weather Summary/Alert:

No rainfall is predicted in next 5 days. • Sky will be clear in next 5 days. • Wind speed will be 5.8-10.6 km/hr and the predominant wind direction will be Northeasterly to Westerly . • Maximum temperature is expected to be around 25.7-27.2 degree and minimum temperature is likely to be 15.1-15.9 degree. • Maximum and minimum relative humidity will be in the range of 57-70% and 33-42%

General Advisory:

As per ERFs deficit rainfall was recorded from 9.12.21 to 15.12.21 and no rainfall was recorded and from 16.12.21 to 22.12.21. Based on MME forecast in next two week from 24.12.21 to 06.01.22 above normal rainfall is forecasted. Based on MME forecast Tmax will be mostly below normal in Week 1 and 2. and for Tmin, it will show mostly below normal in Week 1 and week 2

SMS Advisory:

SMS As mostly below normal temperature is forecasted take special care of seedlings and sprouted seeds of boro paddy in seed bed for avoiding low temp shock.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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RICE	<p>Boro paddy Early sown boro paddy with one month age: • Where seedlings are more than one month age prepare main field for transplanting • Don't apply urea for land preparation apply compound fertilizer DAP or 10:26:26 • During land preparation apply 0.66 Tone compost • As temperature is low maintain minimum water level during transplanting. For nursery bed with growing seedlings: • Chance of Root rot and yellowing of seedlings due to low temperature • Make shade by transparent polythene over seed bed • Follow water treatment (fill the bed with water during evening and remove the water at morning hours) for temperature conservation when seedlings are already grown up • Stirring the seedlings for removing fog over seedlings. • Apply boron and zinc EDTA 0.5g/liter of water for getting healthy seedlings • Apply Diethane M-45@2.5g/liter of water after complete drain out of water from seed bed with growing seed lings • Avoid urea application on growing seed bed for avoiding its cooling effect. For late sown boro paddy : • Apply straw ash just after sowing of sprouted seed on muddy seed bed with very minimum water</p>
MUSTARD	<p>Mustard At vegetative stage. • Spodoptera attack may take place which transferred from harvested aman paddy field. • Apply Chlothanolipole or Flubendamide@ 1.5ml per liter of water</p>
SUNFLOWER	<p>Sunflower • Field with sufficient moisture prepare for sowing of sunflower with proper ploughing. • Before sowing seed should be treated with Thirum or Captan or Bavistin @ 3g per kg of seed. • If farmers want to use bio fertilizer, they should be completed seed treatment 5-7 days before of sowing otherwise if they apply bio fertilizer just after seed treatment the beneficial effect of microbes present in bio fertilizer will hamper. • Apply 11kg Urea, 33kg SSP and 7kg MOP as basal dose. • Seed rate should be 400-500g per bigha area, and spacing should be 45-60cm X 30cm</p>