



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



Agromet Advisory Bulletin

Date : 16-01-2024

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2024-01-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-01-17	2024-01-18	2024-01-19	2024-01-20	2024-01-21
Rainfall(mm)	0.0	4.0	8.0	1.0	0.0
Tmax(°C)	23.0	22.0	23.0	22.0	23.0
Tmin(°C)	14.0	17.0	18.0	16.0	17.0
RH-I(%)	63	75	80	62	60
RH-II(%)	28	46	51	45	32
Wind Speed(kmph)	7	11	11	9	8
Wind Direction(Degree)	75	193	200	248	68
Cloud Cover(Octa)	0	1	3	2	0

Weather Summary/Alert:

Light rainfall is predicted from 18th to 20th January. • Sky will be mainly clear in next 5 days . • Wind speed will be 7-11 km/hr and the predominant wind direction will be Easterly to Westerly. • Maximum temperature is expected to be around 22.0-23.0degree and minimum temperature is likely to be 14.0-18.0degree. • Maximum and minimum relative humidity will be in the range of 60-80% and 28-51%.

General Advisory:

As per extended range forecast no rainfall is recorded from 28.12.23 to 10.1.24. Based on MME forecast below normal rainfall is predicted from 12.1.24 to 18.1.24 and above normal from 19.1.24 to 25.1.24. Based on MME forecast Tmax will be above normal in Week 1 and week 2. For Tmin, it will show below normal in Week 1 and week 2.

SMS Advisory:

As light rainfall is predicted and minimum temp below will be below normal keep the transplanting stop and take precaution from blast in seed bed of boro paddy.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Vegetative)	Boro paddy (Late sown variety) Growing seedling stage • Blast due to extreme low temperature and foggy weather and root rot. • Follow water treatment (Enter water at evening and remove at next morning) and apply Trycyclozole@0.5g per liter of water for preventing blast. • Make shade by transparent polythene over the seed bed • .Stirring the fog dew with bamboo stick so that the droplet cannot be deposit on the leaves. • Where seeds were

Crop (Stage)	Crop Specific Advisory
	sowing in the field with rotten mud , root rot attack is found. Apply Gypsum or Zinc with potash fertilizer. Boro paddy (Early sown variety) Prepare for Transplanting • During land preparation of main field follow basal dose of fertilizer as urea@9kg/bigha, SSp@54kg/bigha and MOP@11kg/bigha • During land preparation apply 0.66 Tone compost. • As minimum temperature is predicted extreme low, keep stop the transplanting operation and wait for favourable temperature.
LENTIL (Vegetative)	Lentil, lathyrus Vegetative stage Rust and downey milder due to foggy weather • Apply Diethane M-45@2.5g/liter of water or Chlrothalonyl@2ml/liter of water

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CUCUMBER (Vegetative)	Cucurbits Flowering stage Downey mildew • Apply Planktomycin @ 0.5g per liter of water or Redomil@2ml per liter of water at afternoon hours.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
AGRI FIELD	Potato Vegetative to tuber initiation As light rainfall with cloudy weather is predicted there is a chance of late blight disease • Apply copper oxychloride 50% WP @ 4g per liter of water or Mancozeb 75% WP @ 2.5g per liter of water or Copper Hydroxide 77% WP @ 2.5g per liter of water as a precaution measure. • Don't irrigate the field unnecessarily • Restrict application of any fertilizer and micronutrient. • Apply fungicide at the lower portion of leaves and stem. • Don't apply same fungicide repeatedly