



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



Agromet Advisory Bulletin

Date : 20-12-2022

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-12-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-12-21	2022-12-22	2022-12-23	2022-12-24	2022-12-25
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	27.0	27.0	27.0	27.0	28.0
Tmin(°C)	16.0	17.0	17.0	18.0	18.0
RH-I(%)	53	39	40	37	62
RH-II(%)	32	29	30	27	25
Wind Speed(kmph)	8.6	8.9	7.0	7.6	8.1
Wind Direction(Degree)	112	165	270	18	214
Cloud Cover(Octa)	1	7	5	3	0

Weather Summary/Alert:

No rainfall is predicted on next 5 days. • Sky will be mainly clear in next 5 days . • Wind speed will be 7.0-8.9 km/hr and the predominant wind direction will be Northerly . • Maximum temperature is expected to be around 27.0-28.0 degree and minimum temperature is likely to be 16.0-18.0 degree. • Maximum and minimum relative humidity will be in the range of 37-53% and 25-32%

General Advisory:

As per extended range forecast no rainfall is recorded from 24.11.22 to 07.12.22. Based on MME forecast no rainfall is predicted from 09.12.22 to 22.12.22. Based on MME forecast Tmax will be above normal in Week 1 and 2. and for Tmin, it will show above normal in Week 1 and week 2. To know the nowcast weather forecast for thunderstorm follow WhatsAppmesages

SMS Advisory:

No rainfall s predicted, sky will be clear, take care of boro seed bed and take prevention against ow temperature for cattle.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	<p>Boro paddy (Early sown) 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. Boro paddy • Prepare low land field for nursery bed preparation in an area of 1/10th of total main field. • The bed should be 1mt in width and separate the seed bed by 20 cm depth irrigation channel. • Apply basal fertilizer viz. urea@750g/katha, SSP@2kg/katha and MOP@500g/katha. • Seeds should be treated with Bavistin@2g/kg of seed or Thirum 70WP@2.5g/kg of seed for dry seed treatment. For wet seed treatment seeds should be dipped for 8-10 hours by MEMC@15g/liter of water and then keep in gunny bag for 40-50hours for better germination. Some special management for preventing the sprouted seed and seedlings from low temperature and fog • After sowing of sprouted seed maintain minimum water layer and apply straw ash for preventing temperature. • For healthy seedlings follow water treatment • If seed bed area is very less make a shade of transparent polythyne and remove it during sunshine hours. • After 3-4 days of sowing irrigate the drainage channel of seed bed to keep the soil soft in the seed bed, never irrigate the bed directly. • Keep under regular observation of field • If seedlings become yellowish or reddish apply fungicide like Mancozeb or Diethane M-45 or mixture of Metalaxil and Mancozeb etc. • To enhance the growth of seedlings apply chelated Zinc 12% @ 1g per liter of water • For preventing blast remove the morning fog and dew from seedlings at morning hours by stirring with bamboo stick. • As per necessity basis apply Potash fertilizer @ 50g per decimal and restrict urea application and follow irrigation at 4 days interval •</p>
MUSTARD	<p>Mustard (Early sown) Vegetative stage • Drying of plants • Spodoptera attack may take place which transferred from harvested aman paddy field. • Avoid excess irrigation. • Where drying of plants found completely stop irrigation • Apply Chlothanolipole or Flubendamide@ 1.5ml per liter of water</p>

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	<p>Cattle • Take special care for newly delivered mother cow • Keep clean and dry the new born calf and cowshed • Cover the openings of shed by jute bag • Feed the cattle dry food • Cover the young one by jute bag</p>