



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 03-05-2024

Weather Forecast of HOOGHLY(West Bengal) Issued On : 2024-05-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-05-04	2024-05-05	2024-05-06	2024-05-07	2024-05-08
Rainfall(mm)	0.0	0.0	0.0	30.0	30.0
Tmax(°C)	39.0	38.0	38.0	36.0	33.0
Tmin(°C)	29.0	29.0	28.0	25.0	24.0
RH-I(%)	81	79	81	78	78
RH-II(%)	6	15	16	39	37
Wind Speed(kmph)	13	20	23	23	17
Wind Direction(Degree)	195	201	193	191	162
Cloud cover(octa)	2	3	1	4	7

Weather Summary/Alert:

• Light to medium rainfall is predicted on (6.5.24,7.5.24). • Sky will be mainly clear to partly cloudy in the next 5 days . • Maximum temperature is expected to be around 33.0-39.0 degree and minimum temperature is likely to be 24.0-29.0 degree. • Relative humidity will be in the range of 15-81%.

General Advisory:

Mainly dry westerly to north westerly wind at lower levels of atmosphere continue to prevail over this region and due to strong solar insolation heat wave condition is very likely to prevail over the districts of South Bengal during during 3.5.24-5.5.24. • All the farm operation should be done within 11 am and after 4 pm. • Wear light weight, light coloured, loose, cotton clothes. Cover your head during field work. Use a cloth or hat . • Monitor crops regularly for signs of heat stress such as yellowing, wilting or leaf curling. Vegetable field should be kept under irrigation during evening hour to minimize water loss due to evaporation. • Drink sufficient water- even if not thirsty to avoid dehydration. • Use ORS, coconut water, lemon juice, lassi etc. • Recognize the signs of heat stroke, heat rash or heat cramps. If you feel weakness, dizziness, headache, nausea, sweating etc see a doctor/ hospital immediately. • For preventing dropping of tender mango and cracking of litchi due to heat stress apply shower of water throughout the plant i.e from base to leaves.

SMS Advisory:

• Drink plenty of coconut water, ORS, lemon juice, lassi etc in these days to avoid heat stress

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
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RICE (Harvesting)	Harvesting Stage : Immediately harvesting, threshing, sundrying should be completed .
JUTE (Sowing)	Sowing to early vegetative stage :Start collecting quality seed for Jute cultivation. Land should be prepared to fine tilth. Mixture of Azotobacter+ P.S.B. @2 Kg/acre mixed with 10 q/acre organic manure should be applied to the soil. Seeds may be sown by broadcasting or line sowing. For capsularis & olitorius jute, line sowing requires 2.4 kg and 1.6 kg seed/acre respectively. If anybody sows seed with seed drill the seed rate is 2 kg and 1.5 kg for capsularis and olitorius respectively. Required spacing for capsularis 25 cm X 5 cm & for olitorius 20 cm X 5 cm. Those who have sown the crop between last week of March to first week of April (crop age,3 weeks); apply one light irrigation followed by mechanical weeding. After weeding and thinning, apply top dressing of Nitrogen fertilizer @20kg/ha in medium and high fertile soil (20 DAS). In case of low fertile soil apply Nitrogen @ 27kg/ha. For post emergence grass weed control, go for chemical spraying.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
MANGO (Fruit Maturity)	For preventing dropping of tender mango due to heat stress apply shower of water throughout the plant i.e from base to leaves.
LITCHI (Physiological Maturity)	For preventing cracking of litchi due to heat stress apply shower of water throughout the plant i.e from base to leaves.
BANANA (Physiological Maturity)	Cover the banana kandi with old dried leaves and irrigate gently at one week interval .

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	All stages dehydration • As temperature will be high in next 5 days avoid the cattle for free grazing during noon. • Don't use pond water for drinking purpose. Use tube well water or tap water.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	Grower and layer Effect of high temperature • Apply more water pot in the cage. • Mix electrolyte with drinking water.