



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



Agromet Advisory Bulletin

Date : 18-04-2023

Weather Forecast of District HOOGHLY(West Bengal) Issued On : 2023-04-18(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-04-19 | 2023-04-20 | 2023-04-21 | 2023-04-22 | 2023-04-23 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 |
| Tmax(°C) | 39.0 | 39.0 | 39.0 | 38.0 | 39.0 |
| Tmin(°C) | 28.0 | 28.0 | 28.0 | 27.0 | 28.0 |
| RH-I(%) | 41 | 56 | 61 | 67 | 45 |
| RH-II(%) | 11 | 8 | 10 | 13 | 13 |
| Wind Speed(kmph) | 15 | 16 | 17 | 19 | 16 |
| Wind Direction(Degree) | 207 | 205 | 212 | 225 | 234 |
| Cloud Cover(Octa) | 0 | 1 | 5 | 6 | 6 |

Weather Summary/Alert:

No rainfall to very light rain is expected in the coming few days. Clear sky to Partly cloudy is expected on next few days. Wind speed is expected to be 12-19 km / hour. Max. RH is expected to be 41% to 67%. Minimum RH is expected to be 8%-13%. Maximum temperature is expected to be around 38.0-39.0 deg C and minimum temperature is expected to be around 27.0-28.0 deg C.

General Advisory:

As the temperature is around 40 deg Celcius in the region ,farmer are advised to maintain proper soil moisture by using mulches and applying light and frequent irrigation in the morning and afternoon hours to avoid heat stress. Avoid prolonged heat exposure. Cover the head with a cloth, hat or umbrella and drink sufficient water at the time of field work.

SMS Advisory:

Apply needbased irrigations and mulching to save crops in the morning or afternoon hrs to save crops from heat wave .

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| RICE | Tillering to Panicle Initiation stage: Maintain a thin film of water(2-3mm)always from now upto grainfilling stage.Apply 33 Kg urea+12Kg Muriate of Potash as 2nd top dressing.To control stem borer apply light trap. In case of urgency apply Phosphamidon1.5 ml/lit. of water.To control sheath blight and blast incidence apply propiconazole 1ml/lit. of water 2 |

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| | times at 10 days interval and carbendazim @2 g/lit water respectively. Irrigate the soil in the morning or afternoon hr to avoid heat stress . |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|--|
| MANGO | Fruit setting stage : to control fruit drop and increase fruit size in mango plant , proper fertilizer management , optimum soil moisture condition and timely application of pesticide , fungicide and hormones should be carefully maintained .Fertilize the tree with a fertilizer that has a higher P & K ratio . Too much nitrogen will damage flowers and fruits. Organic compost at frequent interval will be beneficial for mango tree. Maintaining sufficient soil moisture prevents fruit drop and helps in increasing the size of the fruit .Fruit drop in mango can be controlled by applying hormones. A spray of hormones on blooms ensures fruit setting. Naphthalene Acetic Acid (NAA) and Gibberellic acid are effective for improving fruit retention , increase fruit set , fruit weight and yield. |

Live Stock Specific Advisory:

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|---|
| COW | As the temperature is very high in the recent time provide salt, minerals and sufficient amount of clean and cold water along with the feeds which will also help to boost their immunity. Keep the cattle in the shed and avoid grazing / feeding of cattle during noon hours. |
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