



**GRAMIN KRISHI MAUSAM SEWA (GKMS)
BIHAR AGRICULTURAL UNIVERSITY
(Regional Research Station, Agwanpur, Saharsa)**



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**Agromet Advisory Bulletin for Kishanganj
(04 to 08 October, 2023)**

Medium Range Weather Forecast

| Date | 04.10.2023 | 05.10.2023 | 06.10.2023 | 07.10.2023 | 08.10.2023 |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|
| Weather parameters | | | | | |
| Rainfall(mm) | 35 | 30 | 30 | 05 | 05 |
| Max.Temperature (°C) | 31 | 31 | 30 | 31 | 32 |
| Min.Temperature (°C) | 25 | 24 | 23 | 24 | 25 |
| Total Cloud cover | Mainly Cloudy | Mainly Cloudy | Mainly Cloudy | Mainly Cloudy | Mainly Cloudy |
| Max. R.H (%) | 90 | 90 | 90 | 85 | 85 |
| Min. R.H (%) | 70 | 70 | 70 | 65 | 65 |
| Wind speed (km/hr) | 10 | 15 | 15 | 15 | 10 |
| Wind direction | Easterly | Easterly | Easterly | Easterly | Easterly |

AGRICULTURAL ADVISORY BASED ON WEATHER FORECAST

| Crop | Stage | Advisory (Based on weather forecast) |
|-----------------|-------------------------|---|
| Rice | Vegetative stage | <ul style="list-style-type: none">In present weather condition, constant monitoring for brown plant hopper (BPH) in paddy field is advised. Farmers are advised to enter the middle of the crop field and see mosquito like insect at the basal portion of the plant. If 5-10 hoppers/hill are seen in the field then, spraying of Imidacloprid 17.8 % SC @ 1.0 ml / 3 lit of water is advised under clear weather. |
| Rapeseed | Land Preparation | <ul style="list-style-type: none">Land preparation is advised for sowing of rapeseed. Application of 100 quintal compost, 30 kg nitrogen, 40 kg phosphorus, 40 kg potash and 20-30 kg sulphur per hectare is advised during land preparation. Application of 25 kg zinc sulphate/hectare is suggested in zinc deficient land. Farmers are advised to arrange recommended varieties such as RAUTS-17, Panchali, PT-303 and Bhawani for sowing. |

| | | |
|---|--|--|
| Radish | | <ul style="list-style-type: none"> sowing of radish is advised. Pusa chetki, Pusa desi, Jounpuri, Pusa himani, Japani safed, Pusa rashmi, Punjab safed and Arka nishant varieties of radish are advised for sowing in Koshi region. Seed rate @4-5 kg/hectare is suggested. |
| Brinjal | | <ul style="list-style-type: none"> To control shoot and fruit borer in brinjal crops, infested fruits and shoots should be collected and buried inside the soil. If pest population is high, spraying of Spinosad 48 EC @ 1 ml /4 litres of water is advised. |
| Animal Husbandry | | <ul style="list-style-type: none"> Farmers are advised to protect the animal from worm feed anti-worm medicine to each animal at the end of the rainy season. |
| <p>Note: -Farmers those are using android mobile, should download the Damini app for early alert about the thunderstorm and lightning, Meghdoot app for weather based agro-advisories, Mausam and Rain alarm app for Thunder/Rain.</p> | | |

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