



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for BOKARO District
Birsa Agricultural University
 Kanke Ranchi, Jharkhand



Agromet Advisory Bulletin

Date : 2026-09-08

Weather Forecast of District BOKARO (Jharkhand) Issued On : 2026-09-08 (Valid Till 08:30 IST of the next 5 days)

Parameter	2026-09-09	2026-09-10	2026-09-11	2026-09-12	2026-09-13
Rainfall(mm)	7.0	14.0	12.0	3.0	5.0
Tmax(°C)	31.0	30.0	30.0	30.0	31.0
Tmin(°C)	25.0	24.0	24.0	25.0	25.0
RH-I(%)	90	92	93	92	93
RH-II(%)	66	63	66	66	68
Wind Speed(kmph)	5	6	5	8	11
Wind Direction(Degree)	290	298	332	87	109
Cloud Cover(Octa)	7	6	7	6	7
Warning	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Heavy Rain; Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary:

During the last 3 days, rainfall recorded in Agro meteorological observatory, Kanke, Ranchi was 87.6 mm. Maximum temperatures varied between 29.6-31.3°C. Minimum temperatures varied 18.5-20.4°C. Relative humidity varied between 70-88%, Wind speed was between 2.8-4.2 kmph. As per India meteorological department, in the coming five days light to moderate rainfall is likely, with mostly cloudy conditions. Maximum temperature may range from 30.0-31.0°C and minimum temperatures may range from 24.0-25.0°C, Relative humidity will vary from 63-93% and winds will be light to moderate at 5-11 kmph.

Weather Warnings (Valid Till 08:30 IST of the next day)

Heavy rainfall, Thunderstorms with lightning, squally conditions, and strong surface winds is likely to occur from 09th to 13th august.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Lodging of standing crops such as maize, pigeon pea and shattering of fruits of vegetables crops are likely due to strong winds.

General Advisory:

In account of cloudy condition and rainfall in the coming days, farmers go for irrigation, intercultural operations, and application of plant protection measures and fertilizers to the standing crops only in clear days. Keep the harvested produce at safer places. Cover the vegetable seedling with polythene to

protect them from rainfall. In vegetative to reproductive stage, farmers may go for application of Boron 2kg/ha to improve yield. Rainfall and cloudy condition may elevate the disease infestation in standing crops, thus farmers should keep constant monitoring of the same.

SMS Advisory:

Current weather condition may lead to infestation of stem borer in rice, to control this apply Flubendiamide 48 SC @ 1 ml per litre of water.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
FINGER MILLET	In view of the rains, farmers should make proper arrangements for drainage of water in the Finger millet crop. In case of water logging, stem rot can be seen. To prevent this disease, farmers should apply copper oxychloride @ 0.25% around the plant.
RICE	Timely sown rice is at booting and ear emergence stage, thus remove the weeds and broadcast 40 kg urea for dwarf variety and 45 kg urea for hybrid variety paddy. change in weather increases the infestation of blast disease. Thus, go for, sprinkle of 1 gram of Bavistin 50 WP or 6 grams of Beam (Tricyclazole) in 10 liters of water.
MAIZE	Current weather condition favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb 300 g /ac. Maize which are at its cobbing stage should be taken care of by tying bright ribbons in the fields with the help of poles, birds run away after seeing the glow produced by the sunlight falling on this ribbon.
PIGEON PEA (RED GRAM/ARHAR)	Water logged soils and rains heavily favours multiplication and disease spread of stem / root rot in pigeon pea crop. keep the field free from water logging. Drench the base of affected or early wilting plants with carbendazim (1 g per liter of water) to contain localized spread.
NIGER	Interested farmers should prepare their fields for niger crop, plow the fields thoroughly 2 to 3 times. Mix FYM well with the soil at the rate of 2.5 tonnes per acre. The improved varieties for this are Birsa Niger – 1, Birsa Niger – 2, Birsa Niger – 3, and Pooja – 1. Before sowing, treat the seeds at the rate of 2.5 grams Thiram or Captan or Carbendazim per kilogram of seeds.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CHILLI	Due to forecast of rain, Chances of fruit rot infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary, spray second and third round at 15 days' interval. Spraying should be done only in clear weather
TOMATO	Outbreaks of yellow mosaic virus are being seen in tomato crops. In this, the leaves of tomato start shrinking and yellow color starts appearing in the leaves. This disease is spread by the white fly. For this, farmer should use sticky traps at the rate of 3 to 5 per acre in the fields. Uproot the infected plants and throw them away, so that they do not spread to other crops.
POTATO	Those farmers who want to cultivate early Potato, they should arrange for the best quality seeds, fertilizers etc. Choose either Kufri Ashoka or Kufri Pukhraj, the recommended early potato variety. For sowing in one acre, 12 quintal seed, (20-30 gram sprouted tuber), 40 kg urea, 70 kg DAP, 80 kg murate of potash and 10 kg sulfur are required.

Likely impacts of weather warnings (General)

Do not take shelter under trees, stay in open fields or near water bodies, touch electrical or metal structures, use wired electrical appliances, or lie flat on the ground during thunderstorms and lightning.

Impact based advisories (General)

Seek shelter, avoid trees, water, hills, metal objects and power lines. Stay indoors and avoid travel if possible. If farmers are in the field and can't find any shelter, avoid the tallest object in the area.

Farmers are advised to download Unified "Mausam" and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightening.

Mausam MobileApp link: <https://play.google.com/store/apps/details/>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details>

Damini MobileApp link : <https://play.google.com/store/apps/details>