



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



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**Agromet Advisory Bulletin for Kishanganj
(20 to 24 September, 2023)**

Medium Range Weather Forecast

Date	20.09.2023	21.09.2023	22.09.2023	23.09.2023	24.09.2023
Weather parameters					
Rainfall(mm)	05	10	40	40	40
Max.Temperature (°C)	35	34	31	29	28
Min.Temperature (°C)	25	25	24	24	23
Total Cloud cover	Partly Cloudy	Partly Cloudy	Mainly Cloudy	Overcast Cloudy	Overcast Cloudy
Max. R.H (%)	80	80	85	90	90
Min. R.H (%)	50	50	55	65	65
Wind speed (km/hr)	15	15	20	20	20
Wind direction	Easterly	Easterly	Easterly	Easterly	Easterly

AGRICULTURAL ADVISORY BASED ON WEATHER FORECAST

Crop	Stage	Advisory (Based on weather forecast)
Rice	Milking stage	Monitoring of Gundhi bug is advised in early sown rice crop field, which reaches in grain forming stage. It causes appreciable losses to crop grains during milking stage. As a result, individual rice grain becomes white and chaffy. If 1-2 bugs/hill are seen in the field then, apply Folidol powder @10- 15 kg/ha to control Gundhi bug in the early morning or late evening.
Pigeon Pea	Sowing	Monitoring is advised for yellow vein mosaic virus (YMV) disease in green gram and black gram. This disease is caused by white fly. If infestation is found, spraying Imidacloprid @ 0.3ml/litre of water or Trizofos 40 EC @1 ml /litre of water is suggested to protect the crop. Affected plants are to be uprooted and destroyed before spray.
Lemon		To control the citrus canker disease in Lemon plant, soil drenching with copper oxychloride @ 5g per liter water

		and foliar spray of the same chemical @ 2.5g per liter water should be advised 2-3 times under clear weather condition. Under severe diseased condition the plant should be uprooted.
Green gram/black gram		Monitoring is advised for yellow vein mosaic virus (YMV) disease in green gram and black gram. This disease is caused by white fly. If infestation is found, spraying Imidacloprid @ 0.3ml/litre of water or Trizofos 40 EC @1 ml /litre of water is suggested to protect the crop. Affected plants are to be uprooted and destroyed before spray.
Animal Husbandry		Animals affected with Foot and Mouth disease are cured by applying 1 % Pottasium Permanganate paste in foot and mouth. Also use antiseptic lotion on wound. Along with this paste of Boric acid and glycerines should be applied on mouth. The infected animals should keep separately from healthy animals.
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.		

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