



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



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

Medium Range Weather Forecast

Date	16.09.2023	17.09.2023	18.09.2023	19.09.2023	20.09.2023
Weather parameters					
Rainfall(mm)	02	02	0	05	10
Max.Temperature (°C)	33	34	34	33	32
Min.Temperature (°C)	27	27	27	26	26
Total Cloud cover	Mainly Cloudy	Partly Cloudy	Partly Cloudy	Mainly Cloudy	Mainly Cloudy
Max. R.H (%)	85	85	85	90	95
Min. R.H (%)	50	50	50	55	60
Wind speed (km/hr)	15	10	10	10	10
Wind direction	Easterly	Easterly	Easterly	Easterly	Easterly

AGRICULTURAL ADVISORY BASED ON WEATHER FORECAST

Crop	Stage	Advisory (Based on weather forecast)
Rice	Vegetative stage	- If stem borer attack is noticed in Paddy field, then spraying of profenofos @ 2ml per liter of water or Cartap Hydrochloride 50 WP @ 600 g per hectare should be advised under clear weather condition. - To control Bacterial Leaf Blight (BLB) disease in paddy, make a solution of Streptocycline @ 50 grams and copper oxychloride @ 2.5 kg per 1000 liters of water and spray it at the rate of per hectare. Do it twice at an interval of 12 days.
Green gram	Vegetative stage	Regular Monitoring is advised for yellow vein mosaic virus (YMV) disease in green gram crop. If infestation is found, spraying of Imidacloprid 17.8 SL@ 1ml per 3 liter of water is suggested under clear weather. Affected plants are to be uprooted and destroyed before spraying.

Cauliflower/Cabbage	Transplanting	Transplanting of cauliflower and cabbage are advised on raised bed for those farmers whose seedlings are ready. Application of 10-15 ton of cow dung is advised before preparation of field.
Onion		Constant monitoring of onion crop against attack of thrips should be done. Spraying of Imidacloprid @ 0.5 ml per litre of water with sticky material (Tipol 1.0 gram /litre) is advised when sky is clear for effective control.
Animal Husbandry		To protect animals from external parasites, appropriate medicines like Butox must be administered in consultation with the veterinarian..
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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