

BIDHAN CHANDRA KRISHI VISWAVIDYALAYA
MEDIUM-RANGE WEATHER FORECAST AND AGRO-ADVISORY
(Agromet Advisory Services, IMD, MoES)

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From **Kalyani (Nadia, WB)**

Weather Forecast for Hooghly District
FORECAST PERIOD: 2nd September to 6th September, 2017

Weather forecast for next five days

- Mainly cloudy sky on 5th September and Overcast/cloudy sky on rest of the days is expected.
- No rainfall on 4th and 5th September and light rainfall during rest of the days is expected. Next five days total 11.0 mm rainfall is expected.
- Wind mainly from Easterly, Westerly, South westerly and North westerly direction with 6-9 km/hr. speed is expected.
- Maximum relative humidity is expected to be around 84% - 90% and minimum relative humidity is expected to be around 53% - 60%.
- Maximum temperature is expected to be around 34° - 35°C and minimum temperature is expected to be around 26-27° C.

Agrometeorological Advisory

Crop	Stage	Advisory
Paddy	Tillering	In this time stem borer attack is more visible so, ensure proper timing of planting and synchronous planting, harvest crops at ground level to remove the larvae in stubble, remove stubble and volunteer rice, plow and flood the field. Encourage biological control agents: braconid, eulophid, mymarid, scelionid, chalcid, pteromalid and trichogrammatid wasps, ants, lady beetles, staphylinid beetles, gryllid, green meadow grasshopper, and mirid, phorid and platystomatid flies, bethylid, braconid, elasmid, eulophid, eurytomid and ichneumonid wasps, carabid and lady bird beetles, chloropid fly, gerrid and pentatomid bugs, ants, and mites, earwigs, bird, asilid fly, vespilid wasp, dragonflies, damselflies, and spiders. And also found the blast disease of rice so use IR-64/MTU-1005, Jaya and Jyothi varieties. Do not use high dose of nitrogenous fertilizers.
Jute	Mature	For extracting good quality of fibre proper retting should be done. Avoid mud or banana stem for retting operation of Jute. Do not allow animal to drink the water from ponds, canal etc. are using for retting. There is a forecast of light to moderate rainfall in next five days, avoid water stagnation in the fields are using for seed production purpose..
Pulse crop (Mung and Red gram)	General	In case of flooded area, after water is drained out, there should not be grown Rice in this time. The farmers can go for cultivation of pulse crop like Mung and red gram etc.
Animals	Cattle	In this time, FMD (foot and mouth disease) i.e. "Etche" disease of cattle is observed. So, proper vaccination (L-vaccination) should be followed.