

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

Directorate of Research,
B.C.K.V., Kalyani.



E-mail : aaskalvani@gmail.com
bhowmickmahasweta2012@gmail.com

From Kalyani (Nadia, WB)

Weather Forecast for Hooghly District

FORECAST PERIOD: : 12th January to 16th January, 2019

Weather forecast for next five days

- Clear sky is expected during next 5 days .
- No rainfall is expected during rest 5 days.
- Wind flow mainly from N, NE direction with 7.0– 9.0 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 46%-57% and minimum relative humidity is expected to be around 29% - 35%.
- Maximum temperature is expected to be around 25°C – 27°C and minimum temperature is expected to be around 12°C-13 °C.

Agrometeorological Advisory

According to NDVI data sent by IMD agricultural vigour of New Alluvial Zone of West Bengal will be Moderate in the coming week.

Crop	Stage	Advisory
Mustard	Vegetative stage	Plant spacing should be maintained at 12-15 cm by thinning. Intercultural operations like light spading and weeding should be done. If required, light irrigation should be given as there is no rainfall forecast.
Gram and Pea	Vegetative stage	Intercultural operations like light spading and weeding should be done. In case of collar rot, drenching the soil with a combination of chlorothalonil (2g) + carbendazim (1 g)/lt of water.
Cabbage, Cauliflower,	Vegetative	Intercultural operations like light spading and weeding should be done followed by 1 st top dressing of nitrogenous fertilizer and earthing up

Broccoli, Tomato,Chilli ,FrenchBean, Pointed Gourd,Cucu mber		for cabbage, cauliflower,broccoli,tomato,chilli. After fertilizer application, light irrigation should be given. No need to apply nitrogenous fertilizer in case of french bean at this stage but other operations should be followed. For pointed gourd after sprouting/germination of vine/root cuttings, hand weeding followed by mulching with paddy straw should be done. If downy mildew appears in the leaf, alternate spraying with cymoxanil-mancozeb (Curzate) (2.5 g/l) and fosetyl Al (Alliet) (2.5g/l) at 10 days interval is very effective.
Potato	Sprouting/Ve getative stage	<p>If planting is done at end of November to first week of December, depending on the soil moisture, apply splash irrigation at 3-4 days interval up to 2-3 days before 1st earthing up as there is no forecast of rainfall..</p> <p>If planting is done before 15th of November, light spading followed by hand weeding at this stage is necessary. First top dressing with 1/4th amount of total nitrogen (200 kg N) + 1/4th amount of total potash (150 kg) followed by earthing up should be done. Apply chloropyriphos @ 2.5 ml/l of water against the attack of cut worm and leaf eating insect.</p>
Rabi Onion & Garlic	Vegetative	Intercultural operations like light spading and weeding should be done. Propiconazole (Tilt) @ 1ml/l with a sticker 4-5 times starting from 15 days after transplanting to check purple blotch disease.
Flowers like Marigold, Chrysanthem um & Gladiolus	Vegetative	Intercultural operations like light spading and weeding should be done.
Spinach, Radish, Fenugreek, Coriander, Turnip	Vegetative	Extra seedlings should be thinned out. Intercultural operations like light spading and weeding should be done.
Mango Orchard	General	Wrapping of plastic sheets around mango trunk should be done for preventing climbing of young mealy bugs. Apply grease to seal any cracks in the polythene sheets. Irrigation should be done in all

		orchards.
Poultry	General	As the temperature is very low, arrange electric bulb for whole day in the cages of new born chicks. For avoiding moist condition of litter apply lime and old news paper in the litter.
