

**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: : 19<sup>th</sup> December to 23<sup>rd</sup> Decemember, 2018**

**Weather forecast for next five days**

- Partly cloudy (19<sup>th</sup> Dec.) to clear sky is expected during next 5 days .
- Light rainfall is expected during 19<sup>th</sup> Dec.(6mm) and no rainfall is expected during rest 4 days.
- Wind flow mainly from N direction with 8.7– 14.8 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 55%-94% and minimum relative humidity is expected to be around 29% - 85%.
- Maximum temperature is expected to be around 17°C – 25°C and minimum temperature is expected to be around 11°C – 13°C .

**Agrometeorological Advisory :**

Crop	Stage	Advisory
Mustard	Vegetative stage	Plant spacing should be maintained at 12-15 cm by thinning. Intercultural operations like light spading and weeding. If required, light irrigation should be given.
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, Broccoli, Tomato,Chilli , Bean,Pointed Gourd,cucumber	Vegetative	Intercultural operations like light spading and weeding should be done followed by 1 <sup>st</sup> top dressing of nitrogenous fertilizer and earthing up 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 cutings, 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/lt) and fosetyl Al (Alliet) (2.5g/lt) at 10 days interval is very effective.

Potato	Sprouting/Vegetative stage	<p>If planting is done 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 1<sup>st</sup> earthing up.</p> <p>If planting is done before 15<sup>th</sup> of November, light spading followed by hand weeding at this stage is necessary. First top dressing with 1/4<sup>th</sup> amount of total nitrogen (200 kg N) + 1/4<sup>th</sup> amount of total potash (150 kg) followed by earthing up should be done. Apply chloropyriphos @ 2.5 ml/lt 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, Chrysanthemum & 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	Arrange electric bulb whole day in the cages of new born chicks. For avoiding moist condition of litter apply lime and old news paper in the litter.