

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 Murshidabad District

FORECAST PERIOD: : 19th January to 23rd January, 2019

Weather forecast for next five days

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

- Clear sky is expected during next 5 days .
- No rainfall is expected during rest 5 days.
- Wind flow mainly from N,E & SE direction with 2.0– 8.0 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 43%-64% and minimum relative humidity is expected to be around 28% - 37%.
- Maximum temperature is expected to be around 24°C – 26°C and minimum temperature is expected to be around 10°C - 11°C .

Agrometeorological Advisory :

Crop	Stage	Advisory
Boro	Early Vegetative or Vegetative	Start nursery management of Boro rice. Apply water to the nursery at evening and drain out at morning as night temperature is low. Spray Tricyclozole @ 0.5g/liter of water and after one day spray Chelated Zinc @ 1g/liter of water if seedlings turn to reddish in colour.
Mustard	Vegetative stage	Be careful for aphid infestation. Cut and burn the infested part if it is detected in early 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.
Lentil	Vegetative	As temperature is lowering spray Carbendazim 50% @ 2g/liter of water as protective measures.
Cabbage, Cauliflower, Broccoli, Tomato,Chilli ,FrenchBean, Pointed Gourd,Cucumber,Brinjal	Fruit Setting/ Vegetative	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. For the management of fruit and shoot borer one application of coragen @ 4 ml/tank. Cleanliness to be maintained. Apply Thiomethoxam 0.3 SG @1g/3lit. of water to manage sucking pests infestation. For nematode problem apply Fipronil 0.3G @1.5 Kg/Bigha followed by a light irrigation or Nimitz 480 EC@ 4-8 lit/ha. could be applied against root knot nematode. For white fly and jassid, apply Acetamiprid 20% SP@1g/3lit or Thiomithoxam 0.3 SG 1g/3lit of water. Plants With small sized leaves and burchy appearance plants to be uprooted and sprayed with Imidachloprid @5ml/lit of Water .
Potato	Vegetative / Tuber Initiation	Present weather is not conjenial for disease and pest infestation. Those who have sown crop in late winter , be aware of Katui pest and blight infestation. For pest control apply Chloropyriphos 2.5 ml in 1 lt. water and to control blight apply mancozeb 2.5 g in 1 lt. of water. If infestation is more , apply cymoxanil-mancozeb (Curzate) (2.5 g/lt) in 10 days interval.
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	Care for day old chicks with proper brooding, ventilation and management may reduce morbidity and mortality rate ND vaccine for control of chicken pox and DP immunization in duck is recommended as schedule .
