

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

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From Kalyani (Nadia, WB)

REALIZED WEATHER FOR THE PERIOD 05-03-19 To 07-03-19

AGROCLIMATIC ZONE : NEW ALLUVIUM

AMFU : KALYANI

DISTRICT	RAINFALL IN MM			DURING THE PERIOD		
	DATES			MAXIMUM TEMPERATURE (°C) VARIES FROM	MINIMUM TEMPERATURE (°C) VARIES FROM	RELATIVE HUMIDITY (%) VARIES FROM
	05-03-19	06-03-19	07-03-19			
BURDWAN	13.0	2.0	0.0	30-31	18-21	68-84

Weather Forecast for Burdwan District

FORECAST PERIOD: 9th March to 13th March , 2019

- Clear sky is expected during next 5 days .
- No rainfall is expected during rest 5 days .
- Wind flow mainly from NW, E, SW, S direction with 7.0- 9.3 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 37% - 69% and minimum relative humidity is expected to be around 18% - 24%.
- Maximum temperature is expected to be around 30.0°C – 38.0°C and minimum temperature is expected to be around 17.0°C - 23.0°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	Pod formation stage	Be careful for aphid infestation. Immediately spray Imidachloprid (Confidor) @ 3ml/10 litre of water. Intercultural operations like weeding and rouging should be done. If required, light irrigation may be given as there is no rainfall forecast.
Boro	Max. tillering stage	Start management of main field regarding all aspects like weed control, fertilizer management. Be careful regarding disease, pest management. To control pest apply Cartap 4G, Carbofuran 3G, Phorate 10 G etc. and to control disease spray hexaconazole @ 1ml/lit.
Cabbage, Cauliflower, Broccoli, Tomato,Chilli, FrenchBean, Pointed Gourd,Cucumber, Brinjal	Fruit Setting/ Vegetative	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/lit) and Fosetyl Al (Alliet) (2.5g/lit) 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 Carbofuron 3G @4.5kg /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 bunchy appearance plants to be uprooted and sprayed with Imidachloprid @0.5ml/lit of Water. For control of bacterial wilt in solanaceous vegetable stop irrigation immediately, uproot the plant carefully and apply bleaching powder or fresh cow dung mixture around the infected plant to control the spreading of disease in the field. For management of fruit borer in the tomato apply Indoxacarb 1ml/lit. of water insecticide mixture at 7 days interval thrice.
Rabi Onion & Garlic	Vegetative	Intercultural operations like light spading and weeding should be done. Propiconazole (Tilt) @ 1ml/litre with a sticker 4-5 times (at 7 days interval) starting from 15 days after transplanting to check purple blotch disease
Mango and Guava	Fruit setting stage	i) Spray either Imidachloprid (Confidor) @ 3ml/10 litres of water or Acetamiprid (Asataf) @ 1 ml/litre of water for controlling mango hopper ii) When inflorescence attain 4 inches (emergence of axis) or just before flowering apply Tridemethon (Beledan) @ 1 g/litre of water with sticker (Tiptop/diamond)

		<p>iii) Immediately after fruit setting apply Thiophenet methyl @ 1 g/litre – 3 sprays at 15 days interval</p> <p>iv) Irrigation should be done in all orchards.</p> <p>v) Apply FYM @ 10-12 kg and Sufala / DAP @ 1 kg per plant.</p>
Poultry	General	Care for day old chicks with proper brooding, ventilation and management may reduce morbidity and mortality rate
Fishery	General	<p>i) Against Ulcer disease take preventive measure with application of 10-14 kg Lime per bigha fish pond.</p> <p>ii) For control of Ulcer disease, apply 13 kg Lime per bigha fish pond. Then after 7 days, apply 1.3 kg bleaching powder per bigha fish pond.</p> <p>iii) In order to avoid bird menace, give net covering over the fish pond.</p> <p>iv) for new pond preparation cultivate <i>Dhaincha</i></p>
