

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 29-03-19 To 01-04-19

AGROCLIMATIC ZONE : NEW ALLUVIUM

AMFU : KALYANI

DISTRICT	RAINFALL IN				DURING THE PERIOD		
	MM				MAXIMUM TEMPERATURE (°C) VARIES FROM	MINIMUM TEMPERATURE (°C) VARIES FROM	RELATIVE HUMIDITY (%) VARIES FROM
	DATES						
	29-03-19	30-03-19	31-03-19	-			
BURDWAN	0.0	0.0	0.0		34-36	24-24	50-80

Weather Forecast for Burdwan District

FORECAST PERIOD: 3rd April to 7th April , 2019

- Clear sky is expected during next 5 days .
- Little rainfall (**7th April- 4 mm**) & no rain is expected during rest 4 days .
- Wind flow mainly from **SE & S** direction with **9.4 km/hr.** speed during next 5 days is expected.
- Maximum relative humidity is expected to be around **83.6%** and minimum relative humidity is expected to be around **26.2%**.
- Maximum temperature is expected to be around **35.8°C** and minimum temperature is expected to be around **21°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
Boro	Tillering/ Panicle initiation stage	Be careful about disease, pest management in panicle initiation stage. To control pest at this stage light trap may be used and to control disease like sheath blight spray propiconazole.75 ml, tricyclazole 0.5 gm, validamycin 2ml, carbendazim 1 gm in 1 lt. water.
Pointed Gourd, cucumber, bitter gourd, watermelon and other cucurbits, cowpea, okra, amaranth	Fruit Setting/ Vegetative	For pointed gourd, cucumber, ridge gourd and bitter gourd periodic hand weeding should be followed. Hand pollination in pointed gourd early in the morning helps to set cent percent fruit. 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. Seeds of cucumber, bitter gourd, watermelon, ash gourd, ridge gourd, cowpea, okra, amaranth are to be sown. For whitefly and jassid attack in okra, alternate spray with Acetamiprid 20% SP@1g/3lit. and Thiomithoxam 0.3 SG 1g/3lit. of water will be effective. At early growth stage and during flowering of cucurbits, apply nitrogenous fertilizers. Spray the crop with Fipronil @ 2 ml/lit. of water for jassid attack in watermelon and ash gourd.
Rabi Onion & Garlic	-	Harvesting followed by curing of onion bulbs is to be done.
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) iii) Immediately after fruit setting apply Thiophenet methyl @ 1 g/litre – 3 sprays at 15 days interval iv) Irrigation should be done in all orchards. v) Apply FYM @ 10-12 kg and Sufala / DAP @ 1 kg per plant.
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>
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