

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 19-04-19 To 22-04-19

AGROCLIMATIC ZONE : NEW ALLUVIUM

AMFU : KALYANI

DISTRICT	RAINFALL IN MM				DURING THE PERIOD		
	DATES				MAXIMUM TEMPERATURE (°C)	MINIMUM TEMPERATURE (°C)	RELATIVE HUMIDITY (%)
	19-04-19	20-04-19	21-04-19	22-04-19	VARIES FROM	VARIES FROM	VARIES FROM
BURDWAN	0.0	0.0	0.0	3.8	33-37	25-26	65-85

Weather Forecast for Burdwan District

- Clear sky is expected during next 5 days .
- Light rainfall (24th April) & no rainfall is expected during rest of the days .
- Wind flow mainly from S direction with 15 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 76.0% and minimum relative humidity is expected to be around 26.0%.
- Maximum temperature is expected to be around 37.0°C and minimum temperature is expected to be around 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 and as per SPI data this zone will face mildly wet condition.

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	<p>i) Spray either Imidachloprid (Confidor) @ 3ml/10 litres of water or Acetamiprid (Asataf) @ 1 ml/litre of water for controlling mango hopper</p> <p>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> <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>
