



# Agro-met Advisory Service bulletin for the District

## Purba Medinipur

(Period to 31<sup>st</sup> January to 4<sup>th</sup> February, 2018)

Issued jointly by GKMS, Kakdwip, BCKV and IMD



Bulletin No.:09/2018

Date: 30<sup>th</sup> January, 2018

Weather for last four days (26<sup>th</sup> January to 29<sup>th</sup> January, 2018)

|                            | 26/01/18 | 27/01/18 | 28/01/18 | 29/01/18 |
|----------------------------|----------|----------|----------|----------|
| Rainfall (mm)              | 0.0      | 0.0      | 0.0      | 0.0      |
| Maximum Temperature ( °C ) | 26.0     | 28.0     | 27.0     | 29.0     |
| Minimum Temperature ( °C ) | 13.0     | 13.5     | 14.0     | 14.0     |
| Relative Humidity ( % )    | 50       | 80       | 83       | 85       |
| Wind Speed ( Km ph )       |          |          |          |          |

Weather for the preceding week (23<sup>rd</sup> January to 29<sup>th</sup> January, 2018)

|                            |           |
|----------------------------|-----------|
| Rainfall (mm)              | 0.0       |
| Maximum Temperature ( °C ) | 25.0-29.0 |
| Minimum Temperature ( °C ) | 10.0-17.0 |
| Relative Humidity ( % )    | 50-95     |
| Wind Speed ( Km ph )       |           |

**Weather forecast for next five days (31<sup>st</sup> January to 4<sup>th</sup> February, 2018)**

- No rainfall is predicted in the next five days.
- Sky will be clear in the next five days.
- Wind speed will be 6-11 km/hr. and the predominant wind direction will be Southwesterly to Northwesterly.
- Maximum temperature is expected to be around 28.0<sup>o</sup>C-30.0<sup>o</sup>C and minimum temperature is likely to be around 15.0<sup>o</sup>C-17.0<sup>o</sup>C.
- Maximum and minimum relative humidity will be in the range of 58% -90% and 26% -43%.

### Weather based Agro-Advisories

| Crop                    | Stage      | Disease pest   | Advisory   |
|-------------------------|------------|--|--|
| Boro paddy              |            |  | --Apply basal fertilizer <a href="#">viz.urea@9kg/bigha</a> , SSP@54kg/bigha and MOP@11kg/bigha<br>--Start transplanting in the main field within 2-3 days<br>--Follow a spacing of 20cm X 20cm and transplant the seedlings at 2cm depth<br>--four to five seedlings transplant per hill<br>--One pre-emergence herbicide should be applied after 3 days of transplanting |
| Potato                  | Vegetative | Chance of Late blight and aphid attack due to rising temperature and morning fog | --Spray a mixture of Mancozeb 2.5g/liter of water and <a href="#">Redomil@2.5g/liter</a> of water<br>--Follow 2nd top dressing and earthing up<br>--Spray <a href="#">Dimethoate@1.5ml/liter</a> of water or Imidachlorpit@3ml/5liter of water for aphid attack  |
| Mustard                 | Flowering  | Chance of aphid attack due to rising temperature and morning fog                 | --Spray <a href="#">Dimethoate@1.5ml/liter</a> of water or Imidachlorpit@3ml/5liter of water during afternoon hours  |
| Pulse(lentil, Lathyrus) | Flowering  | Yellowing of tip due to morning fog  | --Apply 2% DAP for better flowering<br>--For yellowing of tip spray <a href="#">Mancozeb@2.5g/liter</a> of water or Chlorothalonil@2g/liter of water   |