



Agro-met Advisory Service bulletin for the District

Purba Medinipur

(Period to 26th May to 30th May, 2018)

Issued jointly by GKMS, Kakdwip, BCKV and IMD



Bulletin No.:42/2018

Date: 25th May, 2018

Weather for last three days (22nd May to 24th May, 2018)

| | 22/05/18 | 23/05/18 | 24/05/18 |
|----------------------------|------------|-------------|------------|
| Rainfall (mm) | 0.0 | 11.2 | 0.7 |
| Maximum Temperature (°C) | 31.0 | 32.0 | 33.0 |
| Minimum Temperature (°C) | 21.0 | 25.0 | 29.0 |
| Relative Humidity (%) | 70 | 80 | 90 |
| Wind Speed (Km ph) | | | |

Weather for the preceding week (18th May to 24th May, 2018)

| | |
|----------------------------|-----------|
| Rainfall (mm) | 12.0 |
| Maximum Temperature (°C) | 31.0-34.0 |
| Minimum Temperature (°C) | 21.0-29.0 |
| Relative Humidity (%) | 70-90 |
| Wind Speed (Km ph) | |

Weather forecast for next five days (26th May to 29th May, 2018)

- Light rainfall is predicted on 26th and 30th May but no rainfall is predicted in the remaining days.
- Sky will be partly cloudy in the next five days.
- Wind speed will be 4-20 km/hr. and the predominant wind direction will be Southerly to Southwesterly.
- Maximum temperature is expected to be around 33.0⁰C -35.0⁰C and minimum temperature is likely to be around 26.0⁰C-27.0⁰C.
- Maximum and minimum relative humidity will be in the range of 81% -88% and 58% -64%.

Weather based Agro-Advisories

| Crop | Stage | Disease pest | Advisory |
|------------------|---------------|---------------------|--|
| Dry seeded paddy | | | --Start sowing of dry seeded long duration paddy after proper tillage operation like ploughing, weeding etc. --Before sowing seed should be treated by Diethane M-45 properly --Start to collect seed of wet seeded rice from SSC, NSC etc. --Collect some variety like Sabita Foundation, Swarna sub-1 certified, IR-64, Hira T.L etc. |
| Betel vine | Green leaf | Effect of Norwester | --Prepare strong fencing for protect the crop from strong wind --For better leaf development apply mustard cake and Tasko-5 |
| Mango, litchi | Start to ripe | | --After collecting the fruit pruning should be done for better branch growth for emergence of new leaf (Cut the erect branch and make a bush like structure) --For destroying soil born pest dig the soil near the base of plant to expose the soil towards sunlight --Fertilization with compost and N:P:K after onset of monsoon |
| Cattle | | | --Worm infection due to damp weather --Feed Bolus at 4 months interval@1 Bolus per 150kg body wt. |
| poultry | | | <ul style="list-style-type: none"> • For avoiding summer stress keep 2sq.ft. per 1 bird • Keep 3-4 drinking water pot per 100 birds • Apply Vitamin C in drinking water • Keep thickness of litter 1inch but never exceed 1^{1/2} inch |

**Good agriculture vigor was found from NDVI data and mild dry condition was noticed from SPI data of Southern Part of West Bengal*