



Agro-met Advisory Service bulletin for the District

South 24 Parganas

(Period to 4th April to 8th April, 2018)

Issued jointly by GKMS, Kakdwip, BCKV and IMD



Bulletin No.:27/2018

Date: 3rd April, 2018

Weather for last four days (30th March to 2nd April, 2018)

| | 30/03/18 | 31/03/18 | 01/04/18 | 02/04/18 |
|----------------------------|----------|----------|----------|----------|
| Rainfall (mm) | 0.0 | 0.0 | 0.8 | 2.7 |
| Maximum Temperature (°C) | 33.0 | 31.0 | 30.0 | 30.0 |
| Minimum Temperature (°C) | 24.0 | 24.5 | 23.0 | 18.5 |
| Relative Humidity (%) | 77 | 81 | 81 | 84 |
| Wind Speed (Km ph) | 1 | 1 | 1 | 2 |

Weather for the preceding week (27th March to 28th March, 2018)

| | |
|----------------------------|-----------|
| Rainfall (mm) | 3.5 |
| Maximum Temperature (°C) | 30.0-34.0 |
| Minimum Temperature (°C) | 18.5-25.0 |
| Relative Humidity (%) | 77-84 |
| Wind Speed (Km ph) | 1-2 |

Weather forecast for next five days (4th April to 8th April, 2018)

- No rainfall is predicted from 4th to 6th April but light rainfall is predicted in the remaining days.
- Sky will be partly cloudy on 8th March and clear in the remaining days.
- Wind speed will be 7-14 km/hr. and the predominant wind direction will be Southeasterly to Westerly.
- Maximum temperature is expected to be around 34.0^oC-35.0^oC and minimum temperature is likely to be around 24.0^oC-26.0^oC.
- Maximum and minimum relative humidity will be in the range of 87% -94% and 23% -54%.

Weather based Agro-Advisories

| Crop | Stage | Disease pest | Advisory |
|------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Boro paddy | Anthesis | Gandhi bug attack may be take place | --Avoid excess irrigation in the field otherwise base will be rotten --If possible then make chemical trap by hanging the flesh of snails mix with pesticide like Monocrotophos or Chlorpyriphos in some places of field for preventing Gandhi bug |
| Sunflower | Blooming | --Spray a mixture of Borax 2g and Aluminum Molibdate 1/2g now during seed formation and seed filling --Where flowers are in full bloomed stage Lepidoptera caterpillar attack may take place --If head of flower attack by caterpillar spray Fame@3ml/10 liter of water at afternoon hours | |
| Mung | Pod development | --Pod borer attack --Yellow mosaic virus attack may take place through white fly | -- Apply FEM@4ml/10liter water twice at an interval of 10 days --Spray Overon@1ml/liter of water |
| Chilli | fruiting | Leaf curl due to the attack of thrips and mites | -- Spray Acetamopride@1g/liter of water or Propenophos@1.5ml/liter of water |
| Cattle | | | --Cow may be attacked by loose motion and Black Quarter --For black quarter follow proper vaccination and for loose motion purify the drinking water by mixing Potassium Per Manganet @10g/1liter of water or 2% alum in the drinking water. |