



Agromet Advisory Bulletin

Date : 07-01-2022

Weather Forecast of MEDINIPUR-EAST(West Bengal) Issued On : 2022-01-07(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-08	2022-01-09	2022-01-10	2022-01-11	2022-01-12
Rainfall(mm)	0	0	0	0	5
Tmax(°C)	26.1	26.7	27.9	28.2	24.5
Tmin(°C)	14.3	15.4	16.4	16.1	15.0
RH-I(%)	52	60	62	65	78
RH-II(%)	34	37	38	39	50
Wind Speed(kmph)	9.0	6.5	6.0	8.9	11.1
Wind Direction(Degree)	34	244	248	27	36
Cloud Cover(Octa)	0	0	0	2	7

Weather Summary/Alert:

Light rainfall is predicted on 12th January. • Sky will be clear in next 3 days and mainly cloudy on 12th January. • Wind speed will be 6.0-11.1 km/hr and the predominant wind direction will be Northerly to Westerly. • Maximum temperature is expected to be around 24.5-28.2 degree and minimum temperature is likely to be 14.3-16.4 degree. • Maximum and minimum relative humidity will be in the range of 52-78% and 34-50%

General Advisory:

As per ERFs no rainfall was recorded from 16.12.21 to 22.12.21 and excess rainfall was recorded and from 23.12.21 to 29.12.21. Based on MME forecast in next two week from 29.12.21 to 06.01.22 below normal rainfall is forecasted and from 7.1.22 to 13.1.22 normal rainfall is forecasted. Based on MME forecast Tmax will be mostly below normal in Week 1 and 2. and for Tmin, it will show slightly above normal in Week 1 and week 2

SMS Advisory:

As there is a chance of increasing minimum temperature, prepare the main field of boro paddy with basal fertilizer where seedlings are almost ready.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
-----------------	------------------------

Crop(Varieties)	Crop Specific Advisory
RICE	<p>Boro paddy Early sown boro paddy with one month age • Where seedlings are more than one month age prepare main field for transplanting • After drained out of water from seed bed apply urea before 7 days of transplanting so that seedlings become strong and never bend down in main field due to strong Northern wind • During land preparation of main field follow basal dose of fertilizer as urea@9kg/bigha, SSp@54kg/bigha and MOP@11kg/bigha • During land preparation apply 0.66 Tone compost • As temperature is low maintain minimum water level during transplanting. For nursery bed with growing seedlings (15 DAS) • Chance of Root rot and yellowing of seedlings due to low temperature • Make shade by transparent polythene over seed bed • Follow water treatment (fill the bed with water during evening and remove the water at morning hours) for temperature conservation when seedlings are already grown up • Stirring the seedlings for removing fog over seedlings. • Apply boron and zinc EDTA 0.5g/liter of water for getting healthy seedlings • Apply Diethane M-45@2.5g/liter of water after complete drain out of water from seed bed with growing seed lings • Avoid urea application on growing seed bed for avoiding its cooling effect. Some special management for preventing the sprouted seed and seedlings from low temperature and fog • After sowing of sprouted seed maintain minimum water layer and apply straw ash for preventing temperature. • For healthy seedlings follow water treatment • If seed bed area is very less make a shade of transparent polythene and remove it during sunshine hours. • After 3-4 days of sowing irrigate the drainage channel of seed bed to keep the soil soft in the seed bed, never irrigate the bed directly. • Keep under regular observation of field • If seedlings become yellowish or reddish apply fungicide like Mancozeb or Diethane M-45 or mixture of Metalaxil and Mancozeb etc. • To enhance the growth of seedlings apply chelated Zinc 12% @ 1g per liter of water • For preventing blast remove the morning fog and dew from seedlings at morning hours by stirring with bamboo stick. • If seedlings attacked by blast apply Tricyclozole 75 WP@1g per liter of water. • As per necessity basis apply Potash fertilizer @ 50g per decimal and restrict urea application and follow irrigation at 4 days interval • Before 7 days of uprooting the seedlings for transplanting apply pesticide for preventing pest attack in seed bed and if temperature shows higher than the normal then apply urea @300g per decimal.</p>

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	<p>Brinjal , Chilli • Flowering/ fruiting stage • Brinjal plants turn reddish and then dried due to the effect of wilting • The growth of chilli plants restricted and the leaves turn yellow due to the attack of white fly. • For brinjal plants, remove the diseased plants and destroy them. • Apply Pseudomonus @2.5g per liter of water • For white fly attack of chilli apply Acephate@1g per liter of water.</p>