



Agromet Advisory Bulletin

Date : 21-09-2021

Weather Forecast of **KATOL** Block in **NAGPUR**(Maharashtra) Issued On :2021-09-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-09-22	2021-09-23	2021-09-24	2021-09-25	2021-09-26
Rainfall	50.3	30.5	23.3	14.2	6.2
Tmax(°C)	26.0	25.8	26.3	26.9	27.2
Tmin(°C)	23.0	22.7	23.1	23.3	23.6
RH-I(%)	96	99	93	90	87
RH-II(%)	90	91	85	83	79
Wind Speed(kmph)	4.0	6.0	5.0	5.0	4.0
Wind Direction(Degree)	8	44	126	281	230
Cloud Cover(Octa)	8	7	7	7	7

Weather Summary/Alert:

In Katol block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be partially to mostly cloudy and light to moderate rain occur during next five days during 22nd September, 2021 to 26th September, 2021 as well as thunderstorm accompanied with lightning very likely to occur on 22nd and 23rd September, 2021 is forecasted.

General Advisory:

Drain out excess water stagnated from the Cotton, Soybean, Arhar, Green and black gram, Vegetables, Papaya, Banana, Oranges, Sweet orange and Acid lime orchards and other crop fields immediately as well as by considering the rainfall forecast necessary arrangements should be made to drain out rain water. Harvested mature black gram and early sown/matured soybean crop should be stored on elevated field and if threshing is not possible and cover the harvested produce with tarpaulin and all

SMS Advisory:

Farmers, farm laborers should not rush to cross the road if water is flowing from the river & nala and also take care that their other animals do not pass through the flowing water.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Black gram harvesting and threshing management: Timely sown, mature black gram crop should be harvested immediately and the harvested crop should be stored on elevated field and if threshing is not possible, cover the harvested produce with tarpaulin. In late sown crop, excess water should be drained immediately if rain water is stagnant in Black gram field.
COTTON	Cotton disease management: Drain out excess water from the cotton field if rain water stagnated. As precautionary measure, prophylactic spraying should be done in clear weather after current spell of rain with Copper oxychloride 50 WP @25 g+ [Streptomycin sulphate IP 90% w/w+ Tetracycline hydrochloride IP 10% w/w] @ 1 g in 10 litres of water is suggested during early boll developmental stages for the management of internal boll rot of cotton. If symptoms of parawilting observed in cotton, farmers are advised to undertake drenching of carbendazim 50 WP @25g + Urea @100g in 10 litres of water after current spell of rain.
PIGEON PEA (RED GRAM/ARHAR)	Drain out excess water from the Pigeon pea field if rain water stagnated.

Management of fruit dropping in Nagpur mandarin and sweet orange in rainy season:

Crop(Varieties)	Crop Specific Advisory
	Excess water should be drained immediately if water is stagnant in orange and sweet orange orchards. Remove water shoots from the plant and all shoots below the bud union of the graft. Keep the orchards weed free. Foliar spray application of GA3 1.5 g + KNO ₃ 1.5 kg in 100 litres of water has already be done in first week of September, Foliar spray application of 2,4-D or NAA 1.5 g + monopotassium phosphate (00:52:34) 1.5 kg/100 litres of water in third week of September. Application of 50 g FeSO ₄ and 50g ZnSO ₄ /plant mixed with 5 kg FYM or vermicompost along with remaining dose of recommended fertilizers should
SOYABEAN	Soybean harvesting and threshing management: Drain out excess water from the Soybean field if rain water stagnated. Farmers who have grown early maturing soybean varieties like JS 95-60, JS 20-34, JS 93-05, NRC 130, NRC 138 etc. are advised to harvest the crop immediately after attaining the physiological maturity (change in pod color) and the harvested crop should be stored on elevated field and if threshing is not possible and cover the harvested produce with tarpaulin. Because of continued rain during the maturity stage, the soybean crop is likely to be affected in terms of its quality parameters including viability as well as risk of vivipary in the matured pods. Therefore, farmers are adv
RICE	Paddy blast disease management: For management of blast of paddy spray Hexaconazole 5% EC @ 20 ml. or Isoprothiolane 40% EC @ 15 ml or Tebuconazole 25.9% EC @ 15 ml per 10 liters of water during clear weather condition. Paddy bacterial leaf blight disease management: For management of Bacterial leaf blight spray Streptocycline 1 to 1.5 gm per 10 liters of water. Paddy sheath blight disease management: For management of Sheath blight spray Tebuconazole 25.9% EC @ 15 ml or Propiconazole 25% EC @ 10 ml or Hexaconazole 5 EC @ 20 ml by mixing in 10 liters of water. Paddy sheath rot disease management: For management of sheath rot, Spray Hexaconazole 75 WP @ 1.33gm by mixing in 10 liters of w

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Due to rainy season, in goat helminthic parasites and coccidia protozoa infection is on rising trend. Therefore, it is recommended to administer anthelmintic and anticoccidial medication.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Tulsi leaves powder @ 2 gram per days upto 15 days given to poultry to increase immunization power.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Farmers should take care of thunder and lightning in the sky: If you are working in the field, take shelter immediately near the field. After taking shelter in a safe place in the field, keep dry wood, plastic, gonapath, dry mulch under the feet. Sit with both feet together and both hands on your knees. Make sure that no part of your body touches the ground except your feet. Individuals working in ponds, such as places where there is moisture in the soil or water sources, should go to a safe and dry place immediately. If there are tall trees nearby, take shelter at a distance twice the height of that tree. A pucca house is the safest place to avoid lightning. Farmers should plant trees as lo
GENERAL ADVICE	It should be noted that the validity of the dates mentioned in the Weather Based Advisory Bulletins will be valid from 08:30 AM on the previous day to 08:30 AM on the said date.