



Agromet Advisory Bulletin

Date : 26-03-2024

Weather Forecast of **HINGNA Block in NAGPUR(Maharashtra)** Issued On :2024-03-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-03-27	2024-03-28	2024-03-29	2024-03-30	2024-03-31
Rainfall	1.4	0.0	0.0	0.0	0.0
Tmax(°C)	40.1	40.7	41.0	41.8	42.2
Tmin(°C)	21.2	21.6	22.3	23.0	23.7
RH-I(%)	50	46	48	40	39
RH-II(%)	29	25	30	23	26
Wind Speed(kmph)	4	5	5	5	4
Wind Direction(Degree)	123	175	261	181	52
Cloud Cover(Octa)	1	2	2	1	1

Weather Summary/Alert:

• As per the blocklevel value added forecast given by, IMD, RMC, Nagpur, sky will be partly cloudy during next five days i.e. 27th, to 31st, March, 2024. • Very light to light rainfall is likely to occur on 27th, March, 2024. • Weather is likely to be dry on 28th, 29th, 30th and 31st, March, 2024. • Gradual rise in Maximum Temperature by 2-3 degrees Celsius over Vidarbha for the next 3 days and thereafter no large change for the subsequent days over the region. • No large change in Minimum temperatures over Vidarbha for next 5 days.

General Advisory:

• Considering the rainfall forecast for next 24 hours, give priority for harvesting and threshing of matured rabi season crop, the cutted produce of chickpea, wheat, linseed, mustard etc should be store at elevated field and cover it with plastic sheet or tarpaulins to avoid the contact with rain. • Harvesting and threshing of mature crops such as chickpea, wheat, mustard, linseed etc. should be continued keeping in mind the forecast of dry weather for the after 24 hours and next 4 days. • Keeping in view the forecast of dry weather the after 24 hours and next 4 days, intercultural operations vegetable and fruit orchards, spraying of agrochemicals and fertilizer application in standing crops should be continued. • Field should be ploughed after crop harvesting for integrated pest management. • If the soil has not been tested, take a sample using the scientific method and send the samples to the agricultural university, government or official soil testing laboratory and get the soil tested.

SMS Advisory:

• In view of rainfall forecast for next 24 hours, cutted produce of chickpea, wheat, linseed, mustard etc should be store at elevated field and cover it with plastic sheet or tarpaulins.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	• Ingroundnut undertake need based irrigation. Avoid over irrigation/water stagnation to prevent the incidence of root rot. Intercultural operation should be avoided once the pegs formed. During peg formation to pod development stage, care should be taken to avoid water stress. If possible, sprinkler should be used for irrigation. Give irrigation to Groundnut crop at an interval of 8 to 10 days according to requirement of crop and considering soil type. For control of rust and tikka (leaf spot), spraying should be done of Tebuconazole 25 % WG 500-750 gm per hectare mix with 500 litre) of water. (10 to 15 gram/10 litre of water. For control thrips, when ETL cross (5 thrips per three leaves), then spraying should be taken of Quinalphos 25 % EC (28 ml/10 liter of water) 1400 ml/hectare in 500 litres of water.

Crop(Varieties)	Crop Specific Advisory
MUSTARD	• In view of rainfall forecast for next 24 hours,if the harvested produce of crops is spread over field, it is advised to store at elevated field and cover it with plastic sheet or tarpaulins. • Considering the dry weather forecast during next 4 days, is advised to carry out harvesting & threshing of matured Mustard and store the harvested produce in safer places.
BENGAL GRAM/ CHICK PEA	• In view of rainfall forecast for next 24 hours,if the harvested produce of crops is spread over field, it is advised to store at elevated field and cover it with plastic sheet or tarpaulins. • Considering the dry weather forecast during next 4 days, is advised to carry out harvesting & threshing of matured Chickpea and store the harvested produce in safer places.
WHEAT	• In view of rainfall forecast for next 24 hours,if the harvested produce of crops is spread over field, it is advised to store at elevated field and cover it with plastic sheet or tarpaulins. • Considering the dry weather forecast during next 4 days, is advised to carry out harvesting & threshing of matured Wheat and store the harvested produce in safer places.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
LINSEED	• In view of rainfall forecast for next 24 hours,if the harvested produce of crops is spread over field, it is advised to store at elevated field and cover it with plastic sheet or tarpaulins. • Considering the dry weather forecast during next 4 days, is advised to carry out harvesting & threshing of matured Linseed and store the harvested produce in safer places.
MANDARIN ORANGE	• Due to hail storm in previous week shedding of leaves, branches and barks it might be exposed to various diseases. Apply Bordeaux paste on affected parts of the plants. To prepare take 1 kg of each copper sulphate and lime separately. Soak in five litre of water overnight in two separate plastic containers. Stir thoroughly with wooden stick so that copper sulphates and lime are dissolved completely. Take third separate plastic container and pour the copper sulphate and lime solution and mix thoroughly and apply on affected plant parts. Remove broken branches and twigs with the help secateurs. After that spraying should be done of 100-gram Carbendazim and 1 kg urea in 100 litres of water immediately. • Drip irrigation should be given @ 12-53, 78-127, and 145-180 liters per day for trees 1-4, 5-7, 8 years old and above respectively. Follow double ring method of irrigation and irrigate orchard 7 to 10 days. Use mulching in basins. • Spray 2, 4 D/1.5 gm with 1kg urea in 100 liters water to prevent fruit drop in Ambia fruits. • Spray 2, 4-D/ 1.5gm and potassium nitrate 1kg in 100 liters water if there is sudden rise in temperature between 35 to 40 degrees Celsius.
TOMATO	• Due to continuous cloudy weather if the symptoms of Late Blight of tomato was noticed due to the previous cloudy weather, spraying should be done with Mancozeb (2.0 g/l) or Copper oxychloride (3.0 g/l) or Bordeaux mixture (1%) or Copper hydroxide (2.0 g/l) or Fosetyl-Al (2.0 g/l) or Dimethomorph (2.0 g/l) combination of Pyraclostrobin + Metiram (2.0 g/l) or Mefenoxam + Copper hydroxide (2.0 g/l) or Metalaxyl 8% + Mancozeb 64% (2.0 g/l) during clear weather condition.
CHILLI	• For avoiding flower drop in chilli, apply Planofix 5 ml/9 litre of water, 50 to 70 days after planting. Due to present weather condition for control of sap sucking pest on Chilli crops, spray 5 % Neem ark or imidacloprid 17.8 SL 5 ml per 10 lit. of water. In chilli, if thrips, fruit borer and tobacco leaf eating caterpillar crosses ETL spraying should be done of Cyantraniliprole 10.26 OD at the rate of 12.0 ml per 10 litres of water during clear weather condition.
WATER MELON	• Considering the rainfall forecast for next 24 hours, it is advised to carry out harvesting of market ready fruit. • To keep the crop clean and healthy, hoeing and weeding should be done and after fruit set, the fruits on the vine should be covered with grass or leaves.
MUSKMELON	• Considering the rainfall forecast for next 24 hours, it is advised to carry out harvesting of market ready fruit. • To keep the crop clean and healthy, hoeing and weeding should be done and after fruit set, the fruits on the vine should be covered with grass or leaves.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
BUFFALO	<ul style="list-style-type: none"> • Offer clean and cold water (stored in earthen pot) to the animals. Those who have cultivated berseem, should be done top dressing of 10 kg N/ha after each cutting to encourage quick growth and high yield. Deworming of livestock should be done by seeking advice of Veterinary practitioner.
COW	<ul style="list-style-type: none"> • Keep animals in shade and give them plenty of clean and cold water to drink. Do not make them work between 11 am to 4 pm. Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature. Use fans, water spray and foggers in the shed. During extreme heat, spray water and take cattle to a water body to cool off. Give them green fodder, protein-fat bypass supplement, mineral mixture and salt.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	<ul style="list-style-type: none"> • It should be noted that the validity of the dates mentioned in the Weather Based Advisory Bulletins will be valid up to 08:30 AM of the mentioned date.