



Agromet Advisory Bulletin

Date : 08-03-2022

Weather Forecast of **HINGNA** Block in **NAGPUR**(Maharashtra) Issued On :2022-03-08(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-03-09	2022-03-10	2022-03-11	2022-03-12	2022-03-13
Rainfall	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	35.6	36.1	36.0	36.2	36.4
Tmin(°C)	18.1	18.2	18.0	18.3	18.5
RH-I(%)	64	69	65	63	61
RH-II(%)	37	41	39	36	34
Wind Speed(kmph)	10.0	12.0	11.0	10.0	9.0
Wind Direction(Degree)	76	102	284	197	40
Cloud Cover(Octa)	1	4	3	2	1

Weather Summary/Alert:

In Hingna block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be partly to partially cloudy and weather is very likely to be dry during 09th to 13th, March, 2022.

General Advisory:

Considering the dry weather and wind speed forecast, it is advised to give priority to harvesting and threshing of matured wheat crop. It is also advised to continue the harvesting & threshing of matured Chickpea, Mustard, Linseed etc. and store the harvested produce in safer places. Continue the intercultural operation, application of irrigation and spraying of agrochemicals for pest and disease management in fruit orchards and vegetables by judging local clear weather condition. Considering increasing temperature, provide green fodder, cold and clean water and shelter should be provided in the shade. In Orange and Sweet orange of Ambia Bahar, spray 2, 4-D/ 1.5gm and potassium nitrate 1kg in 100 liters water as there is sudden rise in temperature between 35 to 40 degree Celsius.

SMS Advisory:

Considering the dry weather and wind speed forecast, it is advised to give priority to harvesting and threshing of matured wheat and others matured crop.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
BENGAL GRAM/ CHICK PEA	Continue the harvesting & threshing of matured chickpea and store the harvested produce in safer places.
WHEAT	Continue the harvesting & threshing of matured wheat and store the harvested produce in safer places.
MUSTARD	Carry out harvesting, threshing and safe storage of matured mustard crop.
OKRA/ LADYFINGER	For management of sucking pest observed in okra, spray Thiamethoxam 25 % WG 2 gm Or Imidacloprid 17.8 SL, 2 ml in 10 liter of water.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
LINSEED	Continue the harvesting & threshing of matured Linseed and store the harvested produce in safer places.

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	If the infestation of jassids on mango is crossing economic threshold level, Buprofezin 25 % EC 10 ml or deltamethrin 2.8 % EC 5 ml or imidacloprid 17.8 SL % 4 ml or Lambda cyhalothrin 5 % EC 5 ml or Dimethoate 30 % EC 16.5 ml per 10 liters of water. For management of powdery mildew of mango, spraying should be done of Hexaconazole 5 % EC 10 ml or Penconazole 10 % EC 5 ml or Sulfur 80 % WDG 30 gm or Dinocap 48 % EC 5 ml per 10 liters of water. For management of fruit drop in mango spraying should be taken of 20 parts per million (PPM) Naphthalic Acetic Acid (NAA) mix with in water and apply on the inflorescence.
MANDARIN ORANGE	Considering the rise in temperature 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, 4D 1.5gm 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 degree Celsius.
MANDARIN ORANGE	If there is Phytophthora symptoms on the tree trunk is noticed, then scrap the affected part of the trunk, wash the surface with potassium permanganate solution and apply Mefenoxam MZ-68 paste. Spray Mefenoxam MZ-68 @ 2.50 g/liters or fosetyl Al @ 2.5g/litre fungicide on the tree covering the whole plant canopy. Apply Bordeaux paste on the tree trunk up to height of 60 cm by paint brush. In case of citrus psylla and leaf miner attack, spray dimethoate 1.5 ml or imidacloprid 0.5 ml or quinalphos 2 ml or thiamethoxam 0.3 g in one liter water. Repeat spray after 15 days interval. In case of Lemon butterfly infestation, spray quinalphos 2 ml or Fenvalerate 1 ml in one liter water. Repeat spray after 15 days.
CHILLI	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.
TOMATO	In tomato, if leaf minor, aphids, thrips, white fly and fruit borer crosses ETL spraying should be done of Cyantraniliprole 10.26 OD at the rate of 18.0 ml per 10 litres of water during clear weather condition.
BRINJAL	If the incidence of aphids, thrips, whitefly and spider mites on brinjal crop, spraying should be taken 2 weeks after planting with Dimethoate 30 % EC 10 ml or Quinalphos 25 % EC 20 ml or thiometon 25 % EC 10 ml per 10 liters of water. For management of top shoot and fruit borer spraying should be taken of cypermethrin 25 % EC 30 ml in 10 litre of water.
WATER MELON	Irrigate the Watermelon crop at an interval of 6 to 8 days. According to soil moisture and crop need irrigation interval should be decrease or increase. Intercultural operation and 2nd split dose of Nitrogen, Apply 40 kg Nitrogen 30 days after planting. Weeding should be done 2-3 times to keep the crop clean and healthy.
MUSKMELON	Irrigate the Muskmelon crop at an interval of 6 to 8 days. According to soil moisture and crop need irrigation interval should be decrease or increase. Intercultural operation and 2nd split dose of Nitrogen, Apply 40 kg Nitrogen 30 days after planting. Weeding should be done 2-3 times to keep the crop clean and healthy.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
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 of the previous day to 08:30 AM of the mentioned date.