



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin
Central Institute for Cotton Research,
Nagpur



Agromet Advisory Bulletin

Date : 19-01-2021

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2021-01-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-01-20	2021-01-21	2021-01-22	2021-01-23	2021-01-24
Rainfall	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	31.1	30.9	30.9
Tmin(°C)	15.3	13.0	12.4	13.0	13.0
RH-I(%)	60	65	65	58	55
RH-II(%)	45	45	40	38	35
Wind Speed(kmph)	2.0	2.0	2.0	2.0	2.0
Wind Direction(Degree)	195	22	45	60	158
Cloud cover(octa)	1	1	1	1	2

Weather Summary/Alert:

In Nagpur district, as per forecast given by, RMC, Nagpur, sky will be clear to partly cloudy as well as weather will be dry and Maximum temperature will be 30.9 to 31.1 and minimum temperature will be 12.4 to 15.3 degrees Celsius, morning relative humidity will be 55 to 65% and afternoon relative humidity will be 35 to 45% during next five days is forecasted.

General Advisory:

If irrigation water is available, summer groundnut should be sown in the second fortnight of January under Broad bed furrow system and sprinkler irrigation system should be used. Use 125 kg seed per hectare of TAG-24 or SB-11 variety. Seed treatment of Trichoderma 5 gm, Rhizobium 25 gm, and PSB 25 gm should be done per kg of seed.

SMS Advisory:

Farmers are advised to remove cotton stalks out of field after picking of cotton. Ratooning should be discouraged.

Crop Specific Advisory:

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

Crop(Varieties)	Crop Specific Advisory
COTTON	Farmers are advised to remove cotton stalks out of field after picking of cotton. Ratooning should be discouraged. Picking of cotton should be done preferably in morning hours. Cotton should be dried in shade and stored at dry place. Store cotton from different pickings separately. Catching pink bollworm adults in the premises of ginning mills and other storage places should be done by the ginning mill owners / godown in charges to reduce carry over in next season.
BENGAL GRAM/ CHICK PEA	Undertake need based irrigation in chickpea crop. Ensure irrigation preferably with sprinkler at pod formation stage for better productivity. Avoid over irrigation/water stagnation to prevent the incidence of root rot. Install pheromone traps (hexalure) @ 5/ha for monitoring the incidence of pod borer (Helicoverpa). Undertake control measures if 8 to 10 adult moths are observed in the trap over 3 consecutive days.
BENGAL GRAM/ CHICK PEA	Due to cloudy weather condition, if there is wilt affected plants observed, uproot it and destroy it immediately.
GROUNDNUT	If irrigation water is available, summer groundnut should be sown in the second fortnight of January under Broad bed furrow system and sprinkler irrigation system should be used. Use 125 kg seed per hectare of TAG-24 or SB-11 variety. Seed treatment of Trichoderma 5 gm, Rhizobium 25 gm, and PSB 25 gm should be done per kg of seed.
GROUNDNUT	In summer season groundnut variety TAG-24 should be sown at 30 x 10 cm and SB-11 at 30 x 15 or 45 x 10 cm for sowing.
WHEAT	According to soil moisture status and crop needs, wheat crop should be irrigated at maximum tillering stage (30-35 days after sowing), late jointing (45-50 days after sowing) and flowering stage (65-70 days after sowing) depending on soil moisture and moisture content.
WHEAT	If the incidence of pink stem borer is observed in wheat field, foliar spray of quinalphos 25 EC @ 800 ml /acre as soon as pink stem borer is seen. Irrigation also helps in reducing the pink stem borer damage.
WHEAT	In case of infestation of aphids in wheat crop is noticed due to cloudy weather, spray with Thimethoxam 25% WG @ 10 to 15 gm or Quinalphos 25% EC 40 ml per 10 liters of water for management. In case of infestation of rust and leaf blight disease is noticed spraying should be done of Mancozeb 75% WP @ 20 to 25 gm per 10 liters of water.
PIGEON PEA (RED GRAM/ARHAR)	Carry out harvesting, threshing and safe storage of matured Arhar crop sown on timely or early.
TOMATO	In the view of present cloudy, if tomato leaf blight was noticed, spraying should be taken of Mancozeb 75 WP 25 gms or Copper oxychloride 50 WP 25 gms mix with in 10 liters of water. For control of thrips and white fly on tomato crop, spraying should be taken of Thimethoxam 25% WG 4 gm or Dimethoate 30% EC in 10 ml per 10 liters of water. For management of tomato fruit borer spraying should be taken quinalphos 25 EC 20 ml in 10 litre of water.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ORANGE	For orange fruit trees as per needs of crop the water requirement is 7-30, 44-72, and 82-102 litres per day for tree of age 1-4, 5-7, 8 years old and above, respectively should be met with drip system. Use double ring method if there is no drip system.

Horticulture(Varieties)	Horticulture Specific Advisory
ORANGE	Infestation of citrus psylla occurs with the outburst of new leaves in Ambia bahar. The pest can cause 100 per cent flower drop if not controlled. The pest causes “die back” and “Greening” disease in affected trees causing “slow decline”. It can be controlled by spraying Dimethoate 2 ml or Acephate 2 g or Imidacloprid 0.5 ml per litre water at bud burst stage. Second spray should be carried after 10 days interval. Change the pesticides in subsequent sprays.
MANGO	Due to continuous cloudy weather, infestation of Jassids on mango trees and spraying of chemical pesticides is required for management, Buprofezin 25 % SC 10 ml or Deltamethrin 2.8 EC 5 ml or Imidacloprid 17.8 % SL 4 ml or Lambda cyhalothrin 5 % EC 5 ml or Methyl demeton 25 EC 10 ml or Dimethoate 30 EC 16.5 ml per 10 liters of water and spraying should be done on stems, branches, tops and inflorescences of mango.
BRINJAL	In the view of present cloudy, if the incidence of top shoot and fruit borer spraying should be taken of cypermethrin 25 % EC 30 ml in 10 litre of water for management.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	In case of infestation of ticks and fleas on the body of goats and goats kids, rub the goats and kids with equal quantity of ash and 50% Carbaryl powder. In case of high incidence, add 2 ml of Butox (Deltamethrin 12.5 mg) or Amitraz and bathe the goats and kids. Pesticides should be used very carefully and care should be taken not to poison the goats by licking them.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	Don't handle dead birds with bare hands. Dispose of the dead birds carefully under the guidance of local veterinarians, either by burning or burying in a pit. While disposing them of, one must wear mask, gloves and safety goggles. If gloves not available, use an inverted polythene bag & wash your hands after the disposal. Open water troughs or farm tanks must be covered in order to avoid the fecal contamination by wild or migratory birds. Trees in the farm or near its boundary should be pruned. Other measures include maintaining poultry farm sanitation and avoiding introduction of birds of unknown disease status.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.