



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 09-02-2021

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2021-02-09(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-02-10	2021-02-11	2021-02-12	2021-02-13	2021-02-14
Rainfall	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.8	29.2	29.8	30.5	31.2
Tmin(°C)	11.2	12.0	13.8	14.3	14.9
RH-I(%)	57	58	63	60	62
RH-II(%)	22	23	23	32	33
Wind Speed(kmph)	5.0	5.0	5.0	5.0	5.0
Wind Direction(Degree)	97	90	90	105	120
Cloud cover(octa)	0	1	2	0	0

Weather Summary/Alert:

In Nagpur district, as per forecast given by, IMD, RMC, Nagpur, sky will be clear to partly cloudy as well as weather will be dry and Maximum temperature will be 28.8 to 31.2 and minimum temperature will be 11.2 to 14.9 degrees Celsius, morning relative humidity will be 57 to 62% and afternoon relative humidity will be 22 to 33% during 10th February to 14th February is forecasted.

General Advisory:

According to soil moisture status and crop needs, wheat crop should be irrigated at flowering stage (65-70 days after sowing), flowering stage (65 to 70 days after sowing), milking stage (80 to 85 days after sowing) and grain filling stage (90 to 105 days after sowing).

SMS Advisory:

In chickpea crop light irrigation should be given in case the crop at Pod filling stage.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	Groundnut: Gap filling should be done up to 10 days after emergence. If weed management should be done with herbicide, spraying should be done at 25 to 30 days after sowing after germination with Quizalofop Ethyl 5 % EC 100 gm active ingredient or Imazithyper 10% SL 100 gm active ingredient mixed in 600 liters of water per hectare.
COTTON	Collect and destroy disease and pest affected boll after last picking of cotton followed by deep ploughing should be done.

Crop(Varieties)	Crop Specific Advisory
BENGAL GRAM/ CHICK PEA	Chickpea: Due to cloudy weather condition, In case of gram pod borer crosses ETL (two larva per meter row length or 5 % pod damage), spraying should be taken of Quinalphos 25% EC in 20 ml or Emamectin benzoate 5% SG 3gm or Chlorantraniliprole 18.5 SC 2.5 ml per 10 liters of water. For management of wilt in chickpea, soil application should be done of 2.5 Kg Trichoderma viride 1% WP mixed with 150 kg of FYM or compost/ha. Light irrigation should be given in case the crop at Pod filling stage.
RICE	For getting higher paddy yield and effective management of stem borer application Carbofuran 3 % CG @ 25 kg/ha (Carbofuran 3 % CG @ 250 gm for 100 m ² nursery), 5 days before pulling seeding from nursery for transplanting. Transplanting of Summer paddy crop should be shallow and planting spacing should be reduced to increase the rate of tillering. For control of grassy and broad leaf weeds in paddy crop apply pre-emergence herbicide Pretilachlor 50% EC @ 20 ml per 10 liters of water after 3 to 7 days of transplanting.
RICE	Paddy: Agriculture is profitable if the soil is tested and proper amount of chemical fertilizers are used. Generally, apply 100 kg Nitrogen, 50 kg Phosphorus and 50 kg Potash per hectare for Summer Paddy. Apply whole phosphorus and potash and half the amount of nitrogen in the mud (Puddled field) and the remaining half nitrogen in two equal installments (usually tillering stage which comes at 30 days and panicle initiation stage which comes about 60 days).
WHEAT	Wheat: According to soil moisture status and crop needs, wheat crop should be irrigated at flowering stage (65-70 days after sowing), flowering stage (65 to 70 days after sowing), milking stage (80 to 85 days after sowing) and grain filling stage (90 to 105 days after sowing).
WHEAT	गहू: गहू पिकास जमिनीतील ओलावा व पिकाची गरज लक्षात घेता पिक अवस्थेनुसार फुलोरा अवस्था (पेरणीनंतर ६५ ते ७० दिवस), दाण्याची दुधाळ अवस्था (पेरणीनंतर ८० ते ८५ दिवस), दाण्यात चिकाची अवस्था (९५ ते १००) मध्ये असताना सिंचन करावे.
PIGEON PEA (RED GRAM/ARHAR)	Arhar: Carry out harvesting, threshing and safe storage of matured Arhar crop.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
LINSEED	Linseed: The linseed crop should be irrigated at seed formation and seed development stage. If the gall midge crosses economic threshold limit (8.77 gall midge) spraying should be done of Imidacloprid 17.8 SL 2.5 ml or Dimethoate 30% solution in 10 ml per 10 liters of water.
ORANGE	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.
ORANGE	Orange: Foliar application of gibberellic acid 1.5 gm + urea 1 kg may be given to Ambia bahar during fruit set after mixing it in 100 litres water. (Dissolve gibberellic acid in 10 ml alcohol before mixing in water).
ORANGE	Orange: For management of Phytophthora diseases, scrap out gum oozing portion by sharp knife, wash with potassium permanganate solution (10 gms in one litre water) from the infected tree trunk and apply Mefenoxam M Z - 68 (Metalaxyl M 4% + Mancozeb 64 % wp) or fosetyl-Al paste.
MANGO	Due to continuous cloudy weather, at flowering stage of mango tree In case of symptoms of powdery mildew disease shows on trees spraying should be done of water soluble sulfur 80 % WP 30 gm or Tetraconazole 3.8 % EW w/w 12.5 ml or Hexaconazole 5% EC 10 ml mix with per 10 liters of water.
WATER MELON	Watermelon: Sugar Baby, Asahi Yamato, ArkaJyoti, ArkaManik should be selected for watermelon cultivation in summer season. Apply 40 kg N, 40 kg P and 40 kg K at the time of planting. Apply 40 kg N 30 days after planting.

Horticulture(Varieties)	Horticulture Specific Advisory
MUSKMELOON	Muskmelon: Hara Madhu, Pusa Sharbati, Punjab Sunhari, ArkaRajhans, ArkaJeet, Pusa Madhuras should be cultivated for muskmelon crop in summer season. Apply 40 kg N, 40 kg P and 40 kg K at the time of planting. Apply 40 kg N 30 days after planting.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Goats and sheep should be vaccinated against rinder pest disease.
COW	For availability of green fodder to animals, African tall of maize crop and Pusa chaari and SSG-898 variety of fodder sorghum should be cultivated.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	The mature crop should be harvested and stored in a safe place and covered with tarpaulin. Collect and destroy disease and pest affected boll after last picking of cotton followed by deep ploughing should be done. Considering the availability of irrigation and market demand in summer season, leafy vegetables, okra, guar, chawli, cucumber, Bottle Gourd, pumpkin, ridge gourd, bitter gourd, round gourd, watermelon, muskmelon, spinach, radish, fenugreek and coriander should be cultivated.
GENERAL ADVICE	Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.