



Agromet Advisory Bulletin

Date : 18-06-2021

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2021-06-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-06-19	2021-06-20	2021-06-21	2021-06-22	2021-06-23
Rainfall	19.3	14.6	4.0	3.3	10.4
Tmax(°C)	35.6	35.1	34.8	35.0	35.2
Tmin(°C)	22.5	22.9	23.1	23.4	23.2
RH-I(%)	97	95	88	85	90
RH-II(%)	90	88	82	80	82
Wind Speed(kmph)	6.0	7.0	6.0	4.0	4.0
Wind Direction(Degree)	235	250	272	280	285
Cloud Cover(Octa)	7	7	7	7	7

Weather Summary/Alert:

In Nagpur district, as per forecast given by, IMD, RMC, Nagpur, sky will be mostly during next five days (19th June to 23rd June, 2021) and on 19th and 20th June light to moderate rainfall at many places very likely and thunderstorm accompanied with lightning very likely to occur at isolated places, on 21st, 22nd and 23rd June 2021 light to moderate rainfall at few places is forecasted. As per Extended Range Forecast, during 18th to 24th June, 2021 below normal rainfall and 25th June 2021 to 01st July, 2021 above normal rainfall in Nagpur district is forecasted.

General Advisory:

According to the data available on (<https://maharain.maharashtra.gov.in/>) website Koradi (Kamathi), Nagardhan, Ramtek, Musewadi (Ramtek), Amadi, Kanhan (Parshivani), Khat, Dhanla, Mauda (Mauda), Yenwa, Metapanjra, Ridhora (Katol), Movad (Narkhed), Patansawangi (Savner), Mohpa (Kalmeshwar) and Bhivapur (Bhivapur) circle sowable rain is not fall (80 to 100 mm) therefore farmers are advised to postpone the sowing in this area and sowing should be done only after 80 to 100 mm rainfall, adequate moisture in the soil and in Wafsa condition. Protective irrigation should be given in area where sowing had already done by considering the local soil moisture availability and crop need with availability of sprinkler or drip irrigation system. Farmers are advised for seed treatment of fungicide and bio-fertilizer before sowing.

SMS Advisory:

Sowing should be done only after 80 to 100 mm rainfall, ensuring the adequate moisture in the soil and soil is in Wafsa condition.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SOYABEAN	The spacing between two rows and two plants should be 30 X 8 or 45 X 5 cm and sowing should be done horizontally and east to west direction. For sowing J.S.-335, J.S.-9305, M.A.U.S. -71, M.A.U.S. -158, M.A.U.S. -162, J.S.-20-29, J.S.-20-34, A.M.S.-1001(PDKV Yellow Gold), AMS-MB-5-18 are recommended variety

Crop(Varieties)	Crop Specific Advisory
	should be used. Treat the soybean seed with Carboxin 37.5% + Thiram 37.5% DS 3 gm per kg seed before sowing. In order to control yellow mosaic virus in soybean crop, seed treatment should be done as Thiamethoxam 30 FS 10 ml per kg seed or Imidacloprid 48 FS 1.25 ml per kg seed is recommended.
PIGEON PEA (RED GRAM/ARHAR)	Rhizobium or Phosphorus Dissolving Fertilizer (PSB) {250 gm per 10 kg of seed} should be used for seed treatment. Recommended varieties of Arhar are- AKT-8811, PKV-TARA, BSMR-853, BSMR-736 and ICPL-87119 (Aasha). Treat the pigeon pea seed with Carboxin 37.5% + Thiram 37.5% DS 3 gm per kg seed before sowing.
GREEN GRAM	PKV Moog-8802, PKV Greengold (AKM 9911) varieties of green gram should be select for cultivation of green gram crop, 12-15 kg seed per hectare, spacing between two rows is 30/45 cm and spacing between two plants is 10 cm. Seed treatment, fertilizers as well as bacterial culture should be used before sowing. Apply 20 kg N and 40 kg P per hectare at the time of sowing.
BLACK GRAM	For cultivation of Black gram crop, TAU-1, TAU-2, PKV uidid-15 and PKV black gold varieties should be select, 12-15 kg seed per hectare, spacing between two rows 30/45 cm and spacing between two plants 10 cm. Seed treatment, fertilizers as well as bacterial culture should be used before sowing. Apply 20 kg N and 40 kg P per hectare at the time of sowing.
COTTON	Intercropping system viz., Cotton + Green gram (1:2) or Cotton + Black gram (1:1) or Cotton + soybean (1:1) or Cotton + Pigeon pea (6:1 or 8-10:2) should be adopted for sustainable production.
COTTON	Follow recommended spacing and fertilizer doses for arboretum cotton (60x15, 60x30cm, 40:20:20 Kg NPK/ha), Improved hirsutism (60x30cm, 60:30:30 Kg NPK/ha) and rainfed Bt hybrid cotton (90x45, 90x60, 60:30:30 Kg NPK/ha) and irrigated Bt Cotton (120x30, 120x60 cm, 120:60:60 Kg NPK/ha).
COTTON	Use short to medium duration sucking pests tolerant Bt /non bt varieties/ hybrids. Treat the cotton seed with Carboxin 37.5% + Thiram 37.5% DS 3 gm per kg seed before sowing. Also treat the seed with Azotobacter for nitrogen fixation and PSB @20-25 gm /kg seed for phosphate solubilization. Include the intercrops like green gram and Black gram in cotton in 1:1 row proportion. Use Pendimethalin 38.7 % CS @1.5 -1.75 ai/ha (20-25 ml per lit of water) as a pre-emergence weedicide for control of weeds in early stage of crop.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Vaccinate the goat against FMD, HS, PPR and enterotoxaemia. Offer clean and cold water (stored in earthen pot) to the animals. Keep the livestock under the shed to protect from heat.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	At the time of purchasing seed, farmers are advised to check the detail on tag/label such as, name of crop, crop kind, variety, physical and genetic purity percentage, germination and inert matter percentage, net weight, lot and batch number, date of testing and packing, maximum retail price, moisture percentage etc. Take the original bill from the seller and ensure that the signature on bill of both seller and seed purchasing farmers.
PLANT PROTECTION	Read the label carefully when buying and spraying herbicides. Do not spray herbicides in cloudy and rainy weather. Pre-sowing herbicide apply, when there is no wind and sufficient moisture in the soil, before germination of the seed. Use clean water for spraying and avoid spraying after germination in hot sun.
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

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
	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.
GENERAL ADVICE	Farmers should take care of thunder and lightning in the sky: A pucca house is the safest place to avoid lightning. Farmers should plant trees as low as possible around their houses and livestock sheds. Moist, swampy places and water sources (wells, lakes, rivers, farm ponds etc.) should be avoided as much as possible. If traveling in a four-wheeler, stop in the vehicle. Farmers should take care that they do not have any metal tools. When working in the field, do not let more people work together at the same time. Care should be taken to keep a distance of at least 15-20 feet between two persons. Do not use an umbrella with a metal rod. Stay away from other electric tools made by farmers as well as metal ones.