Gramin Krishi Mausam Sewa

Experimental Block Level Agromet Advisory Bulletin
(A Joint Initiative of IMD & ICAR)

Agromet Advisory Bulletin

Date : 08-07-2025

Weather Forecast of RAMTEK Block in NAGPUR(Maharashtra) Issued On :2025-07-08(Valid Till 08:30 IST of the next 5 days)

Parameter	2025-07-09	2025-07-10	2025-07-11	2025-07-12	2025-07-13
Rainfall	52.2	16.7	21	5.3	6.5
Tmax(°C)	26.5	28.7	26.2	27	30.2
Tmin(°C)	23.2	23.7	23.9	23.7	23.8
RH-I(%)	94.6	93	93.6	92.3	92.3
RH-II(%)	82.5	77.6	85.3	81.7	69.5
Wind Speed(kmph)	14.9	12.1	12.6	13	10.8
Wind Direction(Degree)	277	280.3	271.6	265.2	273.8
Cloud Cover(Octa)	7	8	8	7	6

Weather Summary/Alert:

• In Nagpur district, as per the district level value added forecast given by, IMD, RMC, Nagpur, sky will be mainly cloudy during next five days i.e. 09 to 13, July, 2025. • Light to moderate rainfall likely to occur on 09, 10 and 11, July, 2025. • Light to moderate rainfall likely to occur on 12 and 13, July, 2025. • Heavy to very heavy rain and Thunderstorm with lightning likely to occur on 09 July, 2025. • Heavy rain and Thunderstorm with lightning likely to occur on 10 July, 2025. • Thunderstorm with lightning likely to occur on 11 July, 2025. • As per the Sub Division wise Extended Range Rainfall Forecast, normal rainfall is expected, however maximum and minimum temperature is likely to be normal over Vidarbha during 13, July to 19th, July, 2025.

General Advisory:

• Considering the possibility of widespread rains in the next 3 days, all the furrows should be open to prevent water from accumulating in the crop area and the excess water accumulated in the crop area should be drained. • Spraying of agricultural chemicals, tillage work in standing crops, and intercropping work should be postponed for the next 3 days, keeping in mind the general possibility. • Where sowing of cotton, soybean, pigeon pea etc. has already done, farmers are advised to take up gap filling in cotton wherever gaps are observed. • Post emergence herbicide application should be done only at adequate soil moisture and during the calm and clear weather condition. Do not mix herbicide in each other, use only pre-mix herbicides for safe and efficient weed management. • Cows, buffaloes, goats, sheep and other domestic animals should be avoided to graze in the open spaces on days when thunder are predicted. Animals should be kept away from open water sources, rivers or lakes and away from tractors and other metal implements. Sufficient fodder and water should be arranged for the animals in the manger. Farmers and farm labourers should take care of themselves and livestock keeping in mind the forecast of lightning. Sheltering under trees should be strictly avoided and also livestock should not shelter under trees.

SMS Advisory:

• Open the furrow to prevent water from accumulating in the crop area and the excess water accumulated in the crop area should be drained.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
COTTON	• Where sowing of cotton has already done, farmers are advised to take up gap filling in cotton wherever gaps are observed. • Spray post-emergence herbicide, Pyrithiobac Sodium 10 % EC @12.5 to 15 ml/10 litre of water for broad leaf weed control or Quizalofop ethyl 5 % EC @15ml/10 litre of water to manage grassy weeds in cotton at adequate soil moisture condition. • Spray post-emergence herbicide, Pyrithiobac sodium 6% EC + Quizalofop Ethyl 4% EC spray @20-25 ml/10 litres of water for broad spectrum weed control by judging local clear weather condition. • Timely hoeing and weeding operations should be done preferably during early morning hours. For effective weed management, application of herbicide should be done at 2 to 3 leaves stage of weed.
GREEN GRAM	• Avoid sowing of green gram as sole crop.
BLACK GRAM	• Avoid sowing of black gram as sole crop.
SOYABEAN	• Where sowing of Soybean has already done, farmers are advised to take up gap filling in cotton wherever gaps are observed. • In case of delayed sowing, farmers are advised to give preference for cultivation of short duration soybean varieties (JS 20-34, NRC 130, NRC 131, NRC 138 etc).
PIGEON PEA (RED GRAM/ARHAR)	• Where sowing of Arhar has already done, farmers are advised to take up gap filling in cotton wherever gaps are observed.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANDARIN ORANGE	Management of mite: • If 2% fruits and 10% leaves are affected by spider mites, this is considered to be the "economic threshold level" and immediate control measures are required. • 1. Organic measures: Spraying Azadirachtin (1%) @ 2 ml or Neem oil @ 10 ml per litre of water at the time of fruit set can control this pest. Spraying twice at 15 days interval with Petroleum Spray Oil (Horticulture Mineral Oil) (2%) @ 20 ml per litre of water, • 2. Chemical measures: Spraying Spirotetramat (15.31% OD) @ 0.6 ml or Diafenthiuron (50 WP) @ 2 gm per litre of water at 15 days interval as soon as mite infestation is observed can control this pest.
MANDARIN ORANGE	• Management of the pest Lemon Butterfly: In nurseries and small gardens, various stages of the larvae on the trees should be collected and destroyed by hand. Spray Bacillus thuringiensis (Bt) at 2 gm per liter of water at an interval of 10 days during the early stage of the larvae. • Chemical measures: For the control of the larvae, spray Quinalphos (25 EC) at 2.0 ml per liter of water at an interval of 10 days during the early stage of the larvae.
CHILLI	• Transplant chilli seedling of 6 to 8 week age old at adequate soil moisture condition. • Before transplanting of chilli seedlings, the apical shoot tip of seedlings should be dip in the solution of dimethoate 30 EC 10 ml + Sulphur 80 WDG 3 grams + Mancozeb 75 % WP 2.5 grams in one liter of water.

Horticulture(Varieties)	Horticulture Specific Advisory
ORANGE	• By ensuring adequate soil moisture and Wafsa condition, start planting citrus plants in the filled pits by keeping the bud joint portion 20 to 25 cm above the ground level. Before planting in pits the naked bud grafts roots should be dipped in solution of 2.5 gms i.e., mefenoxam MZ-68 and 1 gm i.e. carbendazim in one liter water for 10-15 minutes. • Avoid water stagnation near the tree trunk. Remove water shoots from the plant and all shoots below the bud union of the graft. Intercrops such as urad, moong, soybean, groundnut etc. can be grown in between the interspaces of the plants. For green manuring sow seeds of dhaincha or sun hemp @ 40 kg per hectare. • Incidence of citrus psylla, aphids, and leaf miner is common on new flush. Foliar application of Dimethoate# 30 EC @ 20 ml or Thiamethoxam# 25 WG @ 3 g or Imidacloprid# 17.8 SL @ 5 ml or Diafenthiuron# 50 WP for mites @ 20 gm /10 litre water in flushing season by directing the spray at the new flush stage checks the pest during clear weather condition. If required, second spray of any of the above insecticides should be given after 15 days.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• Avoid letting cow, buffalo, goats, sheep, and other cattle's/animals graze in open spaces as there is a possibility of rain and lightning. Animals should be kept away from open water sources, rivers or lakes and tractors and metal. • Prevent the animal's exposure to direct rainfall for longer period. • The floor of the animal shed should be kept dry and clean. • The feed and fodder should be stored properly to prevent the growth of moulds. • Maintain the surrounding of animal shed clean and hygienic and remove the unwanted vegetation nearby the sheds. Protect young animals from excessive consumption of newly grown green vegetation.
GOAT	• Vaccinate the goat against FMD, HS, PPR and enterotoxaemia. Offer clean and cold water (stored in earthen pot) to the animals.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	• Read the label carefully when buying and spraying herbicides. Do not spray herbicides in cloudy and rainy weather. Pre-sowing herbicide applies, 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. The herbicide should be used carefully. Rinse (clean wash) the spray pump before spraying. Do not spray in cloudy weather. Different non-recommended herbicides should not be mixed for application. Ensured that sufficient moisture in soil before application of herbicides.