



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
 Central Institute for Cotton Research,
 Nagpur



Agromet Advisory Bulletin

Date : 09-07-2021

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2021-07-09(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-07-10	2021-07-11	2021-07-12	2021-07-13	2021-07-14
Rainfall	17.1	10.2	30.1	12.4	11.4
Tmax(°C)	32.4	32.6	31.5	31.8	32.3
Tmin(°C)	23.3	23.6	24.2	24.5	24.8
RH-I(%)	85	82	84	80	78
RH-II(%)	74	73	75	72	69
Wind Speed(kmph)	10.0	12.0	11.0	9.0	10.0
Wind Direction(Degree)	270	315	225	113	63
Cloud Cover(Octa)	6	7	7	7	6

Weather Summary/Alert:

In Nagpur district, as per the district level value added forecast given by, IMD, RMC, Nagpur, sky will be partially to mostly cloudy during next five days (10th July, 2021 to 14th, July, 2021) and on 10th July, 2021 light to moderate rainfall very likely to occur at most places and thunderstorm accompanied with lightning very likely to occur at isolated places, on 11th July, 2021 light to moderate rainfall very likely to occur at many places, on 12th July, 2021 light to moderate rainfall very likely to occur at most places and heavy rainfall at isolated places, on 13th and 14th July, 2021 light to moderate rainfall very likely to occur at many places is forecasted.

General Advisory:

Due to the possibility of rains, farmers should take care to avoid water stagnation in vegetables, orchards and other crops. Drain out excess rainwater from the field. Avoid letting animals graze outside as there is a possibility of thunderstorm with lightning. The rest of the sowing should be completed after the arrival of Wafsa, taking into account the rainfall and the rainfall forecast. Spraying of agrochemicals, application of fertilizers in standing crop as well as interculture operations should be postponed. Also, these works should be done after spell of rain and arrival Wafsa condition in soil.

SMS Advisory:

Farmers should immediately take shelter in a safe place if they hear thunder while working in the field.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SOYABEAN	In timely sown soybean crop undertake inter culture operation (weeding/hoeing) during clear weather and arrival of Wafsa condition to improve the aeration in soil and crop and management of weeds. In case of infestation of stem fly infestation is noticed, after crossing the ETL level for management of this pest spraying should be done of Thiamethoxam 12.6 % + Lambda Cyhalothrin 9.5 % ZC 2.5 ml or Ethion 50 % EC 15 ml or Chlorantraniliprole 18.5 % SC 2 ml mix with in per 10 liters of water and application should be done after arrival of Wafsa condition and

Crop(Varieties)	Crop Specific Advisory
	spell of rain during clear weather condition. Install 20 to 25 yellow sticky trap for monitoring of the white fly adult moth.
GREEN GRAM	Avoid sowing of green gram as sole crop.
BLACK GRAM	Avoid sowing of black gram as sole crop.
PIGEON PEA (RED GRAM/ARHAR)	In timely sown pigeon pea crop undertake inter culture operation (weeding/hoeing) during clear weather and arrival of Wafsa condition to improve the aeration in soil and crop and management of weeds.
COTTON	Spraying should be done after spell of rainfall and arrival of Wafsa condition in soil and on clear day. Spray post-emergence herbicide by ensuring adequate moisture in soil, Pyrethiobac Sodium 10 % EC @ 12.5 to 15 ml per 10 lit of water for broad leaved weed control or Quizalofop ethyl 5 % EC @ 20 ml per 10 lit of water to manage grassy weeds in cotton or use premix Pyrethiobac Sodium 6% EC w/w + Quizalofop-ethyl 4 % EC w/w MEC 20-25 ml per 10 lit of water to manage major board and narrow leaf weeds in cotton. For effective weed management, application of herbicide should be done at 2 to 3 leaves stage of weed. Hoeing should be avoided after 5 to 10 days after herbicide application.
CITRUS	Avoid water stagnation near the tree trunk. If need drain out excess rain water from the orchard through the drainage channels prepared earlier. Remove water shoots from the plant and all shoots below the bud union of the graft. For green manuring sow seeds of dhaincha or sunhemp @ 40 kg per hectare.
CITRUS	Spraying should be done after spell of rainfall and arrival of Wafsa condition in soil and on clear day. Citrus trees affected with Phytophthora, spray Mefenoxam M Z-68 (Metalaxyl 4 % + Mancozeb 64 %) @ of 2.50 gm/ lit water as a preventive measure to control the disease.
RICE	Marigold and Cowpea crops should be planted on paddy bunds for breeding of beneficial insects. For management of Stem borer and Gall midge apply Carbofuran 3% granular 25 kg per hectare (Carbofuron 3 % granular 250 gm per 100 square meter nursery) should be applied in the nursery 5 days before transplanting. Paddy nursery should be kept free from weeds. The tops of the seedlings should be cut off and stored in bamboo baskets so that the eggs of the Stem borer on the seedlings are destroyed and parasitic insects come out of them. Transplanting should be done between 2nd to 20th July in Gall midge prone areas to reduce the incidence. Seedlings should be planted in a strip system to manage the Leafhoppers. (Leave 30 cm space after 10 lines or 2 meter)

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	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. Transplant seedling after spell of rain and arrival of Wafsa condition.

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.
COW	Repair roofs of the animal sheds wherever necessary to ensure protection for animals from rains. 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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil /	Others (Soil / Land Preparation) Specific Advisory
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Land Preparation) (Varieties)	
GENERAL ADVICE	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. 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. Ensure that sufficient moisture in soil before application of herbicides.
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 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. 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.