



Gramin Krishi Mausam Sewa
Experimental Block Level Agromet Advisory Bulletin
(A Joint Initiative of IMD & ICAR)



Agromet Advisory Bulletin

Date : 27-07-2021

Weather Forecast of **NARKHED** Block in **NAGPUR**(Maharashtra) Issued On :2021-07-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-07-28	2021-07-29	2021-07-30	2021-07-31	2021-08-01
Rainfall	8.5	7.7	12.8	16.5	37.5
Tmax(°C)	31.4	31.0	30.4	29.7	29.3
Tmin(°C)	24.0	24.5	23.6	23.3	22.6
RH-I(%)	87	87	88	93	94
RH-II(%)	78	80	82	86	87
Wind Speed(kmph)	24.0	25.0	25.0	25.0	26.0
Wind Direction(Degree)	259	255	256	255	255
Cloud Cover(Octa)	7	7	7	7	7

Weather Summary/Alert:

In Narkhed block, as per the block level value added forecast given by, IMD, RMC, Nagpur, sky will be partially to mostly cloudy and light to moderate rain occur during next five days from 28 July, 2021 to 01st, August, 2021 is forecasted.

General Advisory:

Considering the rainfall forecast spraying of agrochemicals and application of fertilizers in standing crop and intercultural operations should be done within next 2-3 days according to local clear weather condition, if not possible carry out these operations after current spell of rain. Farmers should take care to avoid water stagnation in vegetables, orchards and other crops. Farmers are advised to monitor the crop regularly for insect incidence, disease occurrence and use the suitable recommende

SMS Advisory:

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Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
COTTON	Considering the rainfall forecast, care should be taken not to retain water in the cotton crop. Spraying should be done after spell of rainfall and arrival of Wafsa condition in soil and on clear day. Install yellow sticky traps 8/acre for whitefly and Jassid, blue sticky traps 8/acre for thrips, spray NKE 5% or neem based insecticides @ 5ml/l of water. Due previous week rain, increased humidity and cloudy weather if incidence of sucking pests (Aphids, Jassid, White fly and Thrips) is noticed and if crossing ETL, spray Buprofezin 25 SC 20ml/10lit of water or Flonicamid 50 WG 4gm/10 lit of water for management of sucking pests.
COTTON	Drenching of Carbendazim 50 WP@ 20g per 10 lit of water or Trichoderma harzianum or T. viridae @10 g/ litre of water should be done for management of wilt and root rot affected crop. Broadcast Trichoderma harzianum or Trichoderma viride powder 1 kg mix with in 25 kg well decomposed FYM or compost near crop row.
SOYABEAN	Considering the rainfall forecast, care should be taken not to retain water in the soybean crop. Farmers are also advised to install ' T ' shaped bird perches at different locations which facilitate seating arrangement for predatory bird who feed on caterpillars. In timely sown soybean crop undertake inter culture operation (weeding/hoeing) during clear weather and arrival of Wafsa condition to improve

Crop(Varieties)	Crop Specific Advisory
	the aeration in soil and crop and management of weeds. In case of organic soybean production, farmers are advised to use <i>Bacillus thuringiensis</i> or <i>Bueveria basiana</i> @ 1 l/ha for control of defoliators (semilooper, tobacco caterpillar). Install 20 to 25 yellow sticky trap for monitoring of the wh
SOYABEAN	Due previous week rain, increased humidity and cloudy weather, 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 spell of rain during clear weather condition.
GREEN GRAM	Farmers are advised to keep green gram crop in weed free state, as the leaf crinkle disease spread through weeds. Avoid excessive use of nitrogenous fertilizers which may leads to vegetative growth of the plants & increases pest incidence. Intercultural operations should be done in green gram crop by judging forecasted rainfall.
BLACK GRAM	If incidence of aphids, jassids observed in black gram crop, take a spray of 5 % Neem Ark or Dimethioate 30 EC @ 10 ml/ 10 L. of water is advisable. Spraying should be done when sky remains clear. Install 6 to 7 yellow sticky traps in the crop field to manage infestation of white flies. Intercultural operations should be done in black gram crop by judging forecasted rainfall.
PIGEON PEA (RED GRAM/ARHAR)	Considering the rainfall forecast, care should be taken not to retain water in the pigeon pea crop. 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.
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. To check fruit drop of Ambia bahar spray the citrus tree with 1.5g 2, 4-D or gibberellic acid with 100 gm carbendazim and 1 kg urea mixed in 100 litres of water. Repeat the spray after 15 days if the fruit drop continues. For Ambia bahar crop, muriate of potash 180 g per tree should be applied uniformly by leaving about 3 feet distance around the grown-up tree. The applied fertilizer should be thoroughly mixed in the soil. The mentioned spraying and application of ferti

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	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 / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Kharif vegetables like chilli, tomato, brinjal, cauliflower should be transplanted at 4 to 6 weeks of age of seedlings after arrival Wafsa. Care should be taken that the rainwater should not stagnate in transplanted vegetables seedlings field. Arrangements should be made to drain excess water from the vegetable crop. Soil drenching should be given to nursery seedlings planted on flatbed with the recommended fungicide.
GENERAL ADVICE	It should be noted that the validity of the dates mentioned in the Weather Based Advisory Bulletins will be valid from 08:30 AM on the previous day to 08:30 AM on the said date.