



Agromet Advisory Bulletin

Date : 07-05-2021

Weather Forecast of GADCHIROLI(Maharashtra) Issued On : 2021-05-07(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-05-08	2021-05-09	2021-05-10	2021-05-11	2021-05-12
Rainfall	1.0	1.0	0.0	1.0	1.2
Tmax(°C)	38.6	38.4	38.5	38.2	38.4
Tmin(°C)	25.1	24.9	25.0	24.7	24.3
RH-I(%)	60	62	60	58	56
RH-II(%)	42	42	43	40	38
Wind Speed(kmph)	4.0	5.0	5.0	4.0	6.0
Wind Direction(Degree)	185	170	165	190	180
Cloud Cover(Octa)	2	2	1	3	3

Weather Summary/Alert:

As per forecast received from Regional Meteorological center (RMC), Nagpur During next five days weather will be Partially cloudy along with Very light rainfall will occur from dated 08, 09 and 11 and 12 May 2021 likely to occur at isolated places in Gadchiroli district. Warning : On dated 08 May 2021 Thunderstorm accompanied with lightning/hail and gusty winds (speed reaching 30-40 kmph) very likely to occur at isolated places and on dated 09 May 2021 Thunderstorm accompanied with lightning and gusty winds (speed reaching 30-40 kmph) very likely to occur at isolated places and on dated 11 May 2021 Thunderstorm accompanied with lightning very likely to occur at isolated places in Gadchiroli district. .

General Advisory:

➤ During next five days forecast very light rainfall accompanied with thunderstorm and lightning harvesting should be done immediately of paddy and other crop and avoiding the loss of harvested Paddy and other crop store it on safe place. ➤ By taking the advantage of fallen Rain Start the land preparation operation for kharif season and expose soil to sun which will help in controlling weeds effectively. Procure the rice seed as per requirement for kharif season. ➤ Dr PDKV Akola released Paddy varieties available at Zonal Agricultural Research Station Sindewahi Dist Chandrapur Varieties Sindewahi -2001, MTU-1010, Sakoli-9, Sindewahi -1, PKV-Ganesh, PKV-Khamang, PKV-Makrand, PKV-Tilak, PKV-Kisan, PKV-Akshad.

SMS Advisory:

During next five days light rainfall predicted at isolated places in Gadchiroli district so avoiding losses from rainfall apply insecticide and pesticide By considering the local weather condition.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	During next five days forecast very light rainfall accompanied with thunderstorm and lightning and gusty wind harvesting should be done immediately of paddy and other crop and avoiding the loss of harvested Paddy and other crop store it on safe place. Harvesting of paddy crop should be done close to the ground so that the pupation of stem borer is eliminated and the incidence of this pest in summer paddy crop is reduced. False smut infected panicles should be removed separately, buried in a deep pit or burn it so that the disease does not spread elsewhere
GREEN GRAM	As per maturity of summer Green gram crop harvest it by plugging the pods and thresh it and store the seed in gunny bag and keep in shed.
GROUNDNUT	Groundnut crop shows maturity sign like 70-80% of the pods develop blackish streak inside the shell and the kernels are plump with original seed colour develop on the kernel, Uproot the plant when there is enough moisture in the soil during morning hours. As there is forecast for very light rain, strip off the pods from the plant and keep for drying in protective place.
OKRA/ LADIES' FINGER	Due to increasing humidity and hot weather shoot and fruit borer is observed in okra. To control take a spray of Cypermethrin 10 % @ 6 ml or Deltamethrin 2.8 % @ 10 ml or Emamectin benzoate 5 % @ 3 gm or Fenpropathrin 30 % @ 3.5 ml per 10 liter of water during clear weather condition. Weed management should be done in vegetable crops.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	For control of aphids, thrips, whitefly and spider mites in Brinjal crop, spraying should be taken 2 weeks after planting with dimethoate 30% EC 10 ml OR Quinalphos 25% EC 20 ml OR Thiometon 25% EC 10 ml per 10 liters of water.
MANGO	There is forecast for very light rainfall Thunderstorm accompanied with lightning/hail and gusty winds so harvest the matured mango fruits at 80 to 85% maturity in the morning or evening hours during clear weather (no rainfall) and keep the harvested fruits in shade to prevent spongy tissue disease and from heat. • To prevent incidence of postharvest diseases fruit rot on fruits, place the fruits in hot water of 52oC for 10 minutes and then keep for ripening. Use C.F.B. (corrugated fiber box) for packing. Transport of harvested fruits should be done preferably during night hours. • There is possibility for incidence of fruit fly on mango fruits. Collect and destroy all fallen fruits and install “Rakshak fruit fly trap” developed by University @ 2 traps per acre. • To protect the Mango tree from increasing temperature, apply bordopaste to the base of stem.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to forecast of thunderstorm along with lighting and rain at isolated places over district from 08 to 12 May, 2021, keep farm animals at safe place and away from open water, pond or river. Also

Live Stock(Varieties)	Live Stock Specific Advisory
COW	There is possibility of increase in temperature hence Provide clean, hygienic and plenty amount of drinking water to farm animals. To protect animals from heat, sprinkle cold water on animals during the afternoon, it will help to maintain the body temperature. To reduce the stress of heat in farm animals, provide roughages by mixing with solution of 1% Jaggary and 0.5% salt separately. There is forecast for increase in temperature, hence protect animals from heat by covering roof of the shed with insulating materials such as paddy straw, dry coconut leaves and make arrangement for sprinkle cold water on the roof of shed during afternoon time. Use wet gunny bags as side curtains to protect animals from direct hot winds.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	To carried tillage operation (Plowing and Harrowing) across the slope of land for avoiding soil erosion and seepage. Apply at the time of last Harrowing 10 cart loads of well roated FYM or compost for rainfed cultivated crops and 20 cart loads for irrigated crops and mixed in upper layer of soil by harrowing.
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.