



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin
Central Institute for Cotton Research,
Nagpur



Agromet Advisory Bulletin

Date : 20-11-2020

Weather Forecast of NAGPUR(Maharashtra) Issued On : 2020-11-20(Valid Till 08:30 IST of the next 5 days)

Parameter	2020-11-21	2020-11-22	2020-11-23	2020-11-24	2020-11-25
Rainfall	1.0	0.0	0.0	0.0	0.0
Tmax(°C)	34.4	32.4	30.7	30.3	30.7
Tmin(°C)	17.0	14.0	11.6	12.0	12.3
RH-I(%)	77	65	60	50	45
RH-II(%)	54	36	27	24	24
Wind Speed(kmph)	2.0	2.0	2.0	2.0	2.0
Wind Direction(Degree)	191	36	32	54	56
Cloud cover(octa)	5	3	2	2	2

Weather Summary/Alert:

In Nagpur district, as per forecast given by, RMC, Nagpur, sky will be partly cloudy as well as light to moderate rainfall at isolated places on 20th and 21st November is forecasted. The maximum and minimum temperatures are expected to drop from 22nd to 25th November.

General Advisory:

Precautions should be taken for crop (Pest, disease and irrigation) and livestock management as partly to partially cloudy skies and light to moderate rainfall on 20th and 21st November is forecasted at isolated places.

SMS Advisory:

Farmers are advised to keep watch in field regarding pest and disease as the partly to partially weather is forecasted in next five days.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MUSTARD	Mustard: Carry out intercultural operation in mustard. Carry out first hand weeding as required.

Crop(Varieties)	Crop Specific Advisory
BENGAL GRAM/ CHICK PEA	Chickpea: Carry out need based intercultural in earlier sown chickpea crop and keep the field weed free.
GARLIC	Garlic: Apply 100 kg N, 50 kg P and 50 kg K per hectare of garlic crop. Half of this nitrogen, full phosphorus and full potash should be given at the time of planting and the remaining half should be given 30 days after planting. Also apply 30 kg of sulfur from the soil.
COTTON	Cotton:The first three picked cotton of dryland cotton and the first four picked cotton of irrigated cotton are of good quality. This cotton should be stored separately if possible.
COTTON	Cotton:Farmers are advised to give priority for clean picking of cotton. Keep the picked cotton, variety wise.In cotton, first picking should be done after 20 to 30 % bolls are burst, then second and third picking should be done at intervals of 10 to 15 days.
COTTON	Cotton: Erect 2 Pheromone traps per hectarefor monitoring of Pink bollworminfestation. Rosette flowers should be plucked and destroyed. If the infestation of pink bollworm crosses ETL, take up spray of Thiodicarb 75 %WG 20 gm or spray Lambda Cyhalothrin 5 EC @ 10ml or Thiodicarb 75 % WP @ 20 g or Cypermethrin 10 EC @ 10 ml or Profenophos 30 ml or Emamectin benzoate 5 SG @ 5g per 10 litre of water.
COTTON	Cotton:To avoid the rotting of matured bolls from outer side, it is advised to undertake spray of Propiconazole 25% EC@ 1 ml or Propineb 70 WP @ 2.5-3 gm per liter of water. For internal rotting of bolls, spray Copper Oxychloride 50 WP 25 gm + Streptomycin 2 g per 10 litre of water.
COTTON	Cotton:For the management of Myrothecium leaf spot/grey mildew/Corynespora leaf spot/leaf spot/anthracnose/external boll rot, it is advised to undertake foliar spray Carbendazim 50 WP @ 20 g or Kresoxim-methyl 44.3 SC @10 ml or Pyraclostrobin 5% + Metiram 55% WG or Propiconazole 25 EC @10 ml or Propineb 70 WP@25-30 g or Azoxystrobin 18.2% w/w+Difenoconazole11.4% w/w SC@ 10 ml or Fluxapyroxad 167 g/l + Pyraclostrobin 333 g/l SC@ 6 g in 10 litres of water is recommended.
PIGEON PEA (RED GRAM/ARHAR)	Arhar:if the Infestation of small pod borer larva (Helicoverpa armigera) on Arhar crop on inflorescences and flower and crosses ETL (10 to 20 larvae per 10 plants) spraying should be done of Emamectin benzoate 5 SG 3 gm or Chlorantraniliprole 18.5% SC mix with in 2.5 ml per 10 liters of water and spray.
WHEAT	Wheat:For late sowing of irrigated wheat 150 kg seed per hectare should be used for sowing. For coarse seed varieties like HD 2189 or Purna of wheat crop, 125 kg seed per hectare should be used.
WHEAT	Wheat:Before sowing, wheat seeds should be treated with 2.5 g / kg of Thirum or Vitavax 75 % WS. As well as Azotobacter (Nitrogen fixing bacteria) and Phosphorus solubilizing bacteria fertilizer at the rate of 250 g / 10 to 12 kg of seed.
WHEAT	Wheat:Apply 80 kg N, 40 kg P and 40 kg K per hectare for late sowing wheat. For both irrigated and late sowing, apply half dose of nitrogen as well as full phosphorus and potash at the time of sowing and the remaining half dose at the time of first irrigation (18 to 20 days after sowing).
WHEAT	Orange: Apply 500 gm urea, 600 gm single super phosphate, 150 gm muriate of potash along with 100 gm zinc sulphate, 100 gm ferrous sulphate, 100 gm manganese sulphate and 50 gm borax per tree to the orange plant where the fruit beard.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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SUNFLOWER	Sunflower:In sunflower crop, thinning should be done 10 to 15 days after germination and only vigorous seedlings should be kept in one place.
SUNFLOWER	Safflower:Safflower crop should be thinned at 10 to 12 days after germination. Keep a distance of 20 to 30 cm between two plants.
SUNFLOWER	For higher productivity protective irrigation is advisable in safflower. In case of availability of one irrigation schedule it at 50 days crop stage, for availability of two irrigations schedule it at 30 and 50 days crop stage, for availability of three irrigations schedule it at 30, 50 and 65 days crop stage.
ONION	Onion:Onion crop should be given 100 kg N, 50 kg P and 50 kg K per hectare. Out of 100 kg N, Half Nitrogen (50 kg) and Full Phosphorus (50 kg) and Potash (50 kg) should be given at the time of planting and half nitrogen (50 kg) should be given 30 days after planting. Apply 30 kg sulphur per hectare through bentonite sulphur.
SWEET ORANGE	Sweet orange: Apply 500 gm urea, 600 gm single super phosphate, 150 gm muriate of potash along with 100 gm zinc sulphate, 100 gm ferrous sulphate, 100 gm manganese sulphate and 50 gm borax per tree to the orange plant where the fruit beard.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Fodder crop:Lucerne and Berseem fodder crops should be planted by the end of November for availability of nutritious fodder for animals.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Transplanting of brinjal, tomato,cabbage cauliflower and seed sowing of radish, carrot, and leafy vegetables can be initiated during this period.
GENERAL ADVICE	Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc.