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Agriculture Research Station, Sindewahi, Dist. Chandrapur
Agro-Met Advisory Bulletin For
Gondia District



No.GKMS/AAB/22/ARS/1301/2025

Date: 18th March 2025

Weather Parameters	Weather Forecast of Gondia district (Valid for dated 19 th to 23 rd March 2025)				
Date	19/03/2025	20/03/2025	21/03/2025	22/03/2025	23/03/2025
Rainfall (mm)	0.0	0.0	7.1	17.5	15.4
Maximum Temperature (Deg C)	39.8	39.9	36.9	37.1	37.9
Minimum Temperature (Deg C)	24.9	26.1	26.2	24.9	24.8
Maximum Relative Humidity (%)	43	56	72	55	37
Minimum Relative Humidity (%)	26	33	55	36	18
Wind Speed (%)	11	14	11	14	11
Total Cloud Cover (Okta)	Partially cloudy	Cloudy	Cloudy	Partially cloudy	Partially cloudy

Weather Forecast	As per the district level value added forecast given by, IMD, RMC, Nagpur, In Gondia district during next five days on dated 19th to 23rd March 2025 sky will be partially cloudy to cloudy along with Maximum temperature 36.9 to 39.9 degree Celsius & Minimum temperature 24.8 to 26.2 degree Celsius & on dated 21st to 23rd March light to moderate rainfall very likely to occur at one or two places.
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Warning	On dated 22nd to 23rd Thunderstorm accompanied with lightning, gusty winds (speed reaching 40-50 kmph) and light to moderate rainfall very likely to occur at isolated/ one or two places in Gondia district.
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Name of Crop	Stage	Weather based Agro-advisory
General Advisory		<ul style="list-style-type: none"> ➤ Considering light to moderate rainfall forecast, it is advice to farmers, complete the harvesting and threshing of matured Wheat, Chickpea, Linseed & Mustard and other rabi crops and store the harvested and threshed produced in safe and dry places. ➤ If threshing operations are not possible, care should be taken to prevent the crops from coming in contact with rain and the harvested crops should be covered with tarpaulin or plastic sheet. ➤ Insecticide & fungicide spraying should be done during clear weather condition. ➤ Due to the possibility of gusty winds, farmers should take care in vegetables, orchards and other crops/plants should be supported with bamboos depending on the stage of crop growth. ➤ Considering the light rainfall forecast, it is advised to farmers, At APMC and Mandis buyer of agricultural commodities are advised that, do not store the farmer produced at open places to avoid the contact with rain. The farm produce arrival by farmer should be store under shade only to avoid the damaged due to rain. ➤ Avoid letting goats, sheep, and other animals graze in open spaces as there is a possibility of thunderstorm with lightning and light to moderate rainfall. ➤ If you hear thunder while working in the field, go to concrete buildings or safe places, take shelter in the open field at twice to four times the height of the tree without taking shelter under the tree. ➤ Use Damini - Lightning Alert mobile app to monitor lightning location and also use the information available in the app to protect against lightning
Summer Green Gram	Vegetative Growth	<ul style="list-style-type: none"> ➤ Farmers are advised to one weeding should be carried out @ 2 week of sowing and another one @ 30 to 35 days to keep the crop weed free.
Summer Sesame	Vegetative Growth	<ul style="list-style-type: none"> ➤ Due cloudy weather infestation of blast was occurred in sesame, it controls spray Copper Oxylchloride 25 g along with 6 g Streptocycline in 10 liters of water. ➤ Summer sesame should be thinned within 3 weeks after sowing. For sowing, if the distance between two rows is 30 cm, the distance between two plants should be kept 15 cm, and if the distance between two rows is 45 cm, the distance between two plants should be kept 10 cm. ➤ One weeding should be carried out after two week of sowing and another one is after 30 to 35 days to keep the crop weed free.
Summer Groundnut	Vegetative Growth	<ul style="list-style-type: none"> ➤ For the control of leaf folder/leaf eating caterpillar spray with Quinalphos 20 ml or Carbaryl 50% 40gm in 10 liters of water. ➤ For the control of Smut and Tikka disease of Groundnut spray with Tebukonoazol 25%WG.@500-750 Gram per/ha in 500 liters of water.

Summer Rice	Tillering stage	<ul style="list-style-type: none"> ➤ After weeding is suggested to the farmers apply give 2nd dose of Nitrogen 25 kg/ha (54 Kg Urea per hecter) to rice crop after one month of transplanting. ➤ Maintain optimum 3- 5cm water level in the rice field. ➤ If infestation Stem Borer release Trichogramma japonicum is a parasitic insect release 50,000 eggs per hectare 3 to 4 times every 7 days 3-4 Days before and after release dont spray or apply any chemical insecticide. ➤ When paddy bandhies 4- 5 pest infested tillers found, Apply Chlorantraniliprole 0.4% G or Fipronil 0.3 % G @ 25 kg per hectare by maintaining water level 5 to 7 cm. Do not remove water from paddy bunds for 4 to 5 days.
Wheat	Maturity to harvesting	<ul style="list-style-type: none"> ➤ Considering light to moderate rainfall forecast, it is advice to farmers, complete the harvesting and threshing of matured Wheat crops and store the harvested and threshed produced in safe and dry places. ➤ If threshing operations are not possible, care should be taken to prevent the crops from coming in contact with rain and the harvested crops should be covered with tarpaulin or plastic sheet.
Gram (Chickpea)	Pod Maturity	<ul style="list-style-type: none"> ➤ Considering light to moderate rainfall forecast, it is advice to farmers, complete the harvesting and threshing of matured Chickpea crops and store the harvested and threshed produced in safe and dry places. ➤ If threshing operations are not possible, care should be taken to prevent the crops from coming in contact with rain and the harvested crops should be covered with tarpaulin or plastic sheet.
Linseed	Capsule maturity stage	<ul style="list-style-type: none"> ➤ Considering light to moderate rainfall forecast, it is advice to farmers, complete the harvesting and threshing of matured Linseed crops and store the harvested and threshed produced in safe and dry places. ➤ If threshing operations are not possible, care should be taken to prevent the crops from coming in contact with rain and the harvested crops should be covered with tarpaulin or plastic sheet.
Mustard	Silique maturity stage	<ul style="list-style-type: none"> ➤ Considering light to moderate rainfall forecast, it is advice to farmers, complete the harvesting and threshing of matured Mustard crops and store the harvested and threshed produced in safe and dry places. ➤ If threshing operations are not possible, care should be taken to prevent the crops from coming in contact with rain and the harvested crops should be covered with tarpaulin or plastic sheet.
Chilli	Flowering to Fruit stage	<ul style="list-style-type: none"> ➤ Due to cloudy weather condition, there incidence of thrips and white fly on chilli crop, spraying should be taken of Emamectin Benzoate 5% WG 4 gm in 10 ml per 10 liters of water. ➤ Previous weak cloudy weather may cause powdery mildew in chilli. For management of same take a spray of Myclobutanil 10 % WP @ 10 gm per 10 liters of water.
Brinjal	Fruit Development	<ul style="list-style-type: none"> ➤ For management of top shoot and fruit borer spraying should be taken of cypermethrin 25 % EC 30 ml in 10 liters of water.
Mango	Flowering to Fruit stage	<ul style="list-style-type: none"> ➤ For control of Jassids and Powdery mildew disease spray Imidachlopride 17.8 SL 3 ml + 80% WP Sulphur 25 gm per 10 liters of water. ➤ For management of fruit drop in mango spraying should be taken of 20 parts per million (PPM) Naphthalic Acetic Acid (NAA) mix with in water and apply on the inflorescence.
Animal Management		<ul style="list-style-type: none"> ➤ Avoid letting goats, sheep, and other animals graze in open spaces as there is a possibility of thunderstorm with lightning and light to moderate rainfall. ➤ Due to presently increasing temperature regimes provide proper shelter to all farm animals. Provide clean hygienic drinking water and nutritious fodder and concentrate to farm animals. ➤ For availability of green fodder to animals, African tall of maize crop and Pusa chaari and SSG-898 variety of fodder sorghum should be cultivated.
Poultry Management		<ul style="list-style-type: none"> ➤ There is possibility of increase in temperature, hence in poultry shed increase the water pots and provide adequate and clean drinking water. Also feed should be given in the morning and evening hours.
Soil Testing		<ul style="list-style-type: none"> ➤ Farmers should do soil testing before sowing or cultivation of any crop. Soil testing report shows availability of nutrients in soil and due to this, it is easy to manage fertilizer dose of any crop, to save fertilizer and to maintain soil fertility also.
<p>➤ 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.</p>		
<p>This Agro Advisory Bulletin (AAB) is prepared and published with the consolation and recommendation of SMS committee of “Gramin Krishi Mausam Sewa (GKMS)” Agriculture Research Station, Sindewahi, Dist. Chandrapur (M.S)</p>		
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