



Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola
Gramin Krishi Mausam Sewa
Agriculture Research Station, Sindewahi, Dist. Chandrapur
Agro-Met Advisory Bulletin For
Gondia District



No.GKMS/AAB/87/ARS/730/2024

Date: 29th October 2024

Weather Parameters	Weather Forecast of Gondia district (Valid for dated 30 th October to 03 rd November 2024)				
	30/10/2024	31/10/2024	01/11/2024	02/11/2024	03/11/2024
Date	30/10/2024	31/10/2024	01/11/2024	02/11/2024	03/11/2024
Rainfall (mm)	22.6	22.3	22.2	0.0	0.0
Maximum Temperature (Deg C)	33.6	33.7	34.2	34.6	34.7
Minimum Temperature (Deg C)	21.1	21.6	21.7	20.3	18.7
Maximum Relative Humidity (%)	93	92	93	96	99
Minimum Relative Humidity (%)	63	70	60	71	77
Wind Speed (%)	4	2	4	3	5
Total Cloud Cover (Okta)	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 30th October to 03rd November 2024 sky will be partially cloudy to cloudy along with Maximum temperature 33.6 to 34.7 degree Celsius & Minimum temperature 18.7 to 21.7 degree Celsius & on dated 30th October to 01st November very light to light rainfall very likely to occur at isolated/ one or two places & on dated 02nd to 03rd November dry weather condition very likely to occur.

Warning On dated 30th October Thunderstorm accompanied with lightning and light to moderate rainfall very likely to occur at isolated/ one or two places in Gondia district.

Name of Crop	Stage	Weather based Agro-advisory
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General Advisory		<ul style="list-style-type: none"> ➤ Farmers are advised to carried out cultivation operation like for sowing of Rabi crops one deep ploughing (15 to 20 cm) followed by 3 to 4 harrowing should be done after harvesting of Kharif crops. ➤ Seed treatment should be done before sowing rabi crop. ➤ It is advised to carry out harvesting and threshing of matured rice and other kharif matured crop 2-3 days during clear weather condition. ➤ Avoid letting goats, sheep, and other animals graze in open spaces as there is a possibility of thunderstorm with lightning and very light to light 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
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Linseed	Sowing	<ul style="list-style-type: none"> ➤ Linseed varieties such as PKV NL-260 and NL-97, 25kg/ha can be used for sowing. Fertilizer requirement dose of N:P:K is 25:25:00 Kg/ha. for Rainfed and 30:30:0 for irrigated at time of sowing.
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Safflower	Sowing	<ul style="list-style-type: none"> ➤ Sowing can be done of Safflower up to the end of October by using the improved varieties like AKS-207, Bheema, Nari, PKV-pink and seed rate @ 10 kg/ha. ➤ Before sowing treat the seed with Biofertilizer Azatobactor and P.S.B. (Phosphorus Solubilizing Bacteria) each @ 250 gm per 10 kg of seed followed by Trichoderma @4 gram /kg of seed. ➤ At the time of sowing apply 87 kg Urea + 156 kg single super phosphate /ha.
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Rice	Grain Maturity Stage	<ul style="list-style-type: none"> ➤ Farmers are advised to harvest the matured early rice varieties close to the ground with the help of Vaibhav sickle during morning hours, dry the harvested crop in sun and thresh it. ➤ Early rice varieties: Remove off type if observed.
	Grain milking Stage	<ul style="list-style-type: none"> ➤ Farmers are advised to the spraying of pesticide, insecticide, weedicides should be done at local clear weather condition. ➤ Late varieties: It is advised to farmer, maintain optimum water level of 5 to 7 cm in transplanted rice field at time of booting to panicle initiation stage. ➤ Due to cloudy weather condition, initial incidence of leaf folder undertakes application of Quinalphos 25% 26 ml OR Chloropyriphos 20% 20 ml per 10 liters of water. ➤ Due to cloudy weather condition and high humidity, there may be incidence of Brown plant hoppers on rice crop. For it control spraying with Buprofezin 25% 16 ml or Imidacloprid 17.8% SL 2.5 ml or Fipronil 5% SC 20ml in per 10 liters of water for its

		<p>control is suggested.</p> <ul style="list-style-type: none"> ➤ Due to cloudy weather condition & high humidity, initial incidence of Stem Borer: - 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.
Pigeon Pea (Red Gram)	Flowering stage	<ul style="list-style-type: none"> ➤ Due to cloudy weather condition, Initial incidence of leaf eating caterpillar undertake application of Nimboli Arc of 5 % per 10 liters of water on clear weather condition. ➤ Install pheromone traps at a distance of 50 m@ 5 / ha for monitoring of Helicoverpa. Monitor for the presence of eggs and small larvae. ➤ Erect bird perches randomly in the field to encourage predation by insectivorous birds.
Chilli	Flowering to Fruit	<ul style="list-style-type: none"> ➤ Due to cloudy weather condition and high humidity, 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. ➤ Due to cloudy weather condition flower dropping was observed, Farmers are advised to undertake a spray of Planofix @ 5 ml per 10 liters of water on chilly crop under clear weather conditions at 70 days after transplanting against flower dropping.
Vegetables	Sowing	<ul style="list-style-type: none"> ➤ Undertake nursery sowing of tomato, brinjal, cabbage, cauliflower and sowing of spinach fenugreek, radish, carrot, dolichos bean.
Cow		<ul style="list-style-type: none"> ➤ 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. ➤ Deworming of livestock should be done by seeking advice of Veterinary doctor. Offer clean water (stored in earthen pot) to the animals.
Poultry		<ul style="list-style-type: none"> ➤ Tulsi leaves powder @ 2 gram per days upto 15 days given to poultry to increase immunization power. ➤ Avoid moisture or dampness in the Dip litter system of poultry shed. Always Keep dry litter material in poultry shed.
<ul style="list-style-type: none"> ➤ Note: Farmers should take necessary precautionary measures while spraying insecticide, fungicide, weedicides etc. ➤ 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>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>		
<p>Principal Nodal Officer of GKMS & Associate Professor of Agronomy Dr. P.D.K.V. Akola(MS)</p>	<p>Nodal Officer & Associate Director of Research GKMS, ARS, Sindewahi Dist. Chandrapur(MS)</p>	<p>Research Associate GKMS, AMFU-Unit, ARS, Sindewahi Dist. Chandrapur(MS)</p>