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



No.GKMS/AAB/86/ARS/714/2024

Date: 25th October 2024

Weather Parameters	Weather Forecast of Gondia district (Valid for dated 26 th to 30 th October 2024)				
Date	26/10/2024	27/10/2024	28/10/2024	29/10/2024	30/10/2024
Rainfall (mm)	0	0	4.5	11.3	7.1
Maximum Temperature (Deg C)	32.4	32.6	33.2	33.3	32.5
Minimum Temperature (Deg C)	18.2	19.6	19.4	21.5	21.6
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)	Partially Cloudy	Partially Cloudy	Partially 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 26th to 30th October 2024 sky will be partially cloudy along with Maximum temperature 32.4 to 33.3 degree Celsius & Minimum temperature 18.2 to 21.6 degree Celsius & on dated 26th to 27th October dry weather condition very likely to occur & on dated 28th to 30th October very light to light rainfall very likely to occur at isolated/ one or two places.
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Name of Crop	Stage	Weather based Agro-advisory
General Advisory		<ul style="list-style-type: none"> ➤ Farmers are advised to application of pesticide & insecticide in standing crop should be done on clear weather condition. ➤ It is advised to carry out harvesting and threshing of matured rice and other kharif matured crop 2-3 days during clear weather condition. ➤ Farmers are advised to monitor the crop regularly for insect incidence, disease occurrence and use the suitable recommended control measures thereof in the initial stage itself. ➤ Use Damini - Lightning Alert mobile app to monitor lightning location and also use the information available in the app to protect against lightning
Lathyrus	Sowing (Utera)	<ul style="list-style-type: none"> ➤ Sowing (Utera) can be done by using 70kg/ha seeds of Pratik, Ratan & Mahatora lathyrus varieties in rice crop. Before sowing seeds should be applied with Rhizobium culture + PSB for per kg of seed. ➤ Fertilizer requirement dose of N:P:K is 20:40:00 Kg/ha at time of sowing.
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 & application of fertilizers 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 control is suggested. ➤ 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. ➤ Due to cloudy weather condition & high humidity, initial incidence of blast in rice to control it spray Hexaconazole 5% EC @ 20 ml or Tebuconazole 25.9% EC @ 15 ml in per 10 liters of water. ➤ Due to cloudy weather condition & high humidity, initial incidence of Bacterial leaf blight in rice to control it spray Copper hydroxide 53.8% DF @ 30 gm + Streptocycline 1.5 gm in per 10 liters of water.
Pigeon Pea (Red Gram)	Branching 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.
Chilli	Flowering to	<ul style="list-style-type: none"> ➤ Due to cloudy weather condition and high humidity, there incidence of thrips and white

	Fruit	<p>fly on chilli crop, spraying should be taken of Emamectin Benzoate 5% WG 4 gm in 10 ml per 10 liters of water.</p> <p>➤ 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.</p>
Vegetables	Flowering to Fruit	<p>➤ Due to cloudy weather condition, sucking pest incidence in Cucumber, Bottle guard & Bitter gourd crop, undertake application of Nimboli Arc of 5 % and after attaining ETL of sap sucking foliar spray of Dimethoate 30 % SC 20 ml per 10 liters of water.</p> <p>➤ To control attack of fruit fly in Cucurbitaceae vegetable crops use two pheromone traps per acre.</p>
Vegetables	Sowing	<p>➤ Undertake nursery sowing of tomato, brinjal, cabbage, cauliflower and sowing of spinach fenugreek, radish, carrot, dolichos bean.</p>
Goat		<p>➤ Vaccinate the goat against FMD, HS, PPR and enterotoxaemia.</p> <p>➤ Offer clean and cold water (stored in earthen pot) to the animals.</p>
Cow		<p>➤ Maintain the surrounding of animal shed clean and hygienic and remove the unwanted vegetation nearby the sheds.</p> <p>➤ Protect young animals from excessive consumption of newly grown green vegetation.</p> <p>➤ Deworming of livestock should be done by seeking advice of Veterinary doctor. Offer clean water (stored in earthen pot) to the animals.</p>
Poultry		<p>➤ Tulsi leaves powder @ 2 gram per days upto 15 days given to poultry to increase immunization power.</p> <p>➤ Avoid moisture or dampness in the Dip litter system of poultry shed. Always Keep dry litter material in poultry shed.</p>
<p>➤ Note: Farmers should take necessary precautionary measures while spraying insecticide, fungicide, weedicides etc.</p>		
<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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