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



**No.GKMS/AAB/93/ARS/783/2024**

**Date: 19<sup>th</sup> November 2024**

Weather Parameters	Weather Forecast of Gondia district (Valid for dated 20 <sup>th</sup> to 24 <sup>th</sup> November 2024)				
	20/11/2024	21/11/2024	22/11/2024	23/11/2024	24/11/2024
Date	20/11/2024	21/11/2024	22/11/2024	23/11/2024	24/11/2024
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
Maximum Temperature (Deg C)	30.6	30.7	30.8	30.6	30.2
Minimum Temperature (Deg C)	14.2	14.5	14.1	13.8	13.5
Maximum Relative Humidity (%)	59	55	52	54	50
Minimum Relative Humidity (%)	25	26	19	22	22
Wind Speed (%)	4	4	4	5	3
Total Cloud Cover (Okta)	Clear	Clear	Clear	Clear	Clear

<b>Weather Forecast</b>	<b>As per the district level value added forecast given by, IMD, RMC, Nagpur, In Gondia district during next five days on dated 20<sup>th</sup> to 24<sup>th</sup> November 2024 sky will be clear along with Maximum temperature 30.2 to 30.8 degree Celsius &amp; Minimum temperature 13.5 to 14.5 degree Celsius &amp; dry weather condition very likely to occur.</b>
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Name of Crop	Stage	Weather based Agro-advisory
<b>General Advisory</b>		<ul style="list-style-type: none"> <li>➤ During next five days dry weather forecast, 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.</li> <li>➤ Seed treatment should be done before sowing rabi crop.</li> <li>➤ It is advised to carry out harvesting and threshing of matured rice and other kharif matured crop 2-3 days during clear weather condition.</li> </ul>
<b>Wheat</b>	Sowing	<ul style="list-style-type: none"> <li>➤ Sowing should be done by using per hectare 75 kg seeds of AKDW 2997-16 (Sharad), PDKV Washim (WSM-1472), MACS 1967 and NI 5439 for dryland wheat.</li> <li>➤ Sowing should be done by using per hectare 75 kg seeds of PDKV Washim (WSM-1472) should be sown under limited availability of irrigations.</li> <li>➤ Sowing should be done by using per hectare 100 kg seeds of AKDW 1071 (Purna), AKDW 3722 (Vimal), HD 2189- 125 kg/ha seeds for timely sowing of irrigated wheat.</li> <li>➤ Before sowing seeds should be applied with 2.5gram Thirum per kg of seed to avoid any bacterial disease after emergence. Along with apply 250gram Azotobacter and 250gram PSB per 10 kg of seed.</li> <li>➤ Spacing between two rows should be 23 cm. Fertilizer requirement dose of N:P:K is 40:20:00 Kg/ha.</li> </ul>
<b>Chickpea</b>	Sowing	<ul style="list-style-type: none"> <li>➤ Deshi varieties and seed rate of chickpea for sowing- Hirawa Chafa (AKGS-1), Vijay and ICCV-10 (50-60 kg/ha seed), PKV Harita (AKG- 9303-12) and JAKI- 9218 (75-85 kg/ha seed).</li> <li>➤ Kabuli varieties and seed rate of chickpea, PKV Kabuli-2 &amp; PKV Kabuli-4 (110-115 kg/ha seed), Pink chickpea variety and seed rate, Gulak-1 (75-85 kg/ha seed) are recommended for sowing up to second fortnight of October to 15th November and sowing of PKV Kanchan (AKG- 1909) (50-60 kg/ha seed) variety of chickpea up to second fortnight of October to 15th November.</li> <li>➤ Before sowing seeds should be applied with 2.5gram Thirum per kg of seed to avoid any bacterial disease after emergence. After that apply 5gram Trichoderma + 25gram Rhizobium culture + 25gram PSB for per kg of seed.</li> <li>➤ Fertilizer requirement dose of N:P:K is 25:50:00 Kg/ha at time of sowing.</li> </ul>
<b>Linseed</b>	Sowing	<ul style="list-style-type: none"> <li>➤ 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.</li> </ul>
<b>Safflower</b>	Vegetative Growth stage	<ul style="list-style-type: none"> <li>➤ For its proper growth keep the field weed free. Carry out thinning operation after 10-12 days sowing and follow it after one month.</li> <li>➤ Monitor for incidence of sap sucking aphids particularly in irrigated / late sown safflower crop and for above ETL level incidence (30% infested plants) undertake spray with dimethoate 30% EC @ 13 ml/10 litres of water.</li> </ul>
<b>Mustard</b>	Sowing	<ul style="list-style-type: none"> <li>➤ Sowing of irrigated mustard ACN-9 (Shatabdi), NRCHB-101 can be undertaken up to first week of November, however under improper wapsa condition for sowing due to excess soil moisture, sowing can be extended up to 20 November.</li> </ul>

		➤ Fertilizer requirement dose for Rainfed N:P:K is 50:40:00 Kg/ha. at time of sowing.
<b>Rice</b>	Grain Maturity Stage	<ul style="list-style-type: none"> <li>➤ Late rice varieties: Remove off type if observed.</li> <li>➤ Farmers are advised to harvest the matured late rice varieties close to the ground with the help of Vaibhav sickle during morning hours, dry the harvested crop in sun and thresh it.</li> </ul>
<b>Pigeon Pea ( Red Gram)</b>	Flowering to pod development stage	<ul style="list-style-type: none"> <li>➤ 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.</li> <li>➤ Install pheromone traps at a distance of 50 m@ 5 / ha for monitoring of Helicoverpa. Monitor for the presence of eggs and small larvae.</li> <li>➤ Erect bird perches randomly in the field to encourage predation by insectivorous birds.</li> <li>➤ Due to cloudy weather condition, Initial incidence of pod borer caterpillar undertake spray of Quinolfos 25% EC 16ml or Emamectin Benzoate 5% SG 3g per 10 liters of water.</li> </ul>
<b>Brinjal</b>	Seedlings transplanting	<ul style="list-style-type: none"> <li>➤ If seedlings of brinjal (4- to 6-week-old seedling) are ready for transplanting Treat the seedlings of Brinjal in dimethoate 1 m.l. + acromicine 0.5 g solution per 1 liter of water for five minutes afterwards transplant in main field on ridges and furrow with spacing of 75 X 60 cm. OR 75 X 75 cm.</li> <li>➤ Apply fertilizer dose per hecter 60 kg Nitrogen, 50 kg Phosphorous. Provide irrigation immediately after transplanting.</li> </ul>
<b>Tomato</b>	Seedlings transplanting	<ul style="list-style-type: none"> <li>➤ If seedlings of tomato (4- to 6-week-old seedling) are ready for transplanting, transplant the seedlings on ridges and furrow with spacing 60 X 60 cm. OR 75 X 60 cm.</li> <li>➤ Apply fertilizer dose of per hecter 75 to 100 kg Nitrogen, 60 kg Phosphorous and 50 kg Potash. Provide irrigation immediately after transplanting</li> </ul>
<b>Animal Management</b>		<ul style="list-style-type: none"> <li>➤ To protect livestock from cold weather, keep the animals indoor during night hours. Provide suitable bedding like paddy straw, wheat straw, saw dust etc. of 4-6-inch thickness to protect the animals from cold. The floor of the animal shed should be kept clean and dry.</li> <li>➤ Provide clean and potable drinking water to animals round the clock. Clean the water trough (once in a week) regularly in livestock.</li> <li>➤ Lucerne and Berseem fodder crops should be planted by the end of November for availability of nutritious fodder for animals.</li> </ul>
<b>Poultry</b>		<ul style="list-style-type: none"> <li>➤ Avoid In the poultry, birds are required warmer during the winter days, so the number of light bulbs should be increase or change height from the ground as needed.</li> <li>➤ The air in poultry shed should always be fresh. Do not allow cold or hot air to fall directly on them.</li> </ul>

➤ 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.

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)

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