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



No.GKMS/AAB/25/ARS/1379/2025

Date: 28th March 2025

Observed Weather during last week. (Dated 21 st to 27 th March 2025)							Weather Parameters	Weather Forecast of Chandrapur district (Valid for dated 29 th March to 02 nd April 2025)				
21/03	22/03	23/03	24/03	25/03	26/03	27/03	Date	29/03	30/03	31/03	01/04	02/04
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0.0	0.0	0.0	0.0	0.0
38.0	38.5	38.8	38.0	38.2	39.0	40.5	Max Temperature (Deg C)	41.4	40.4	40.2	40.6	39.9
21.0	23.0	24.0	23.5	21.5	22.0	23.5	Min Temperature (Deg C)	27.4	27.4	26.5	27.4	27.5
75	83	81	84	66	63	76	Max Relative Humidity (%)	50	48	69	74	80
38	35	45	46	28	32	30	Min Relative Humidity (%)	24	29	35	49	58
0.8	1.3	0.4	4.8	4.0	0.05	0.06	Wind Speed (%)	11	11	11	14	12
Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Clear	Clear	Partially Cloudy	Total Cloud Cover (Okta)	Clear	Clear	Partially Cloudy	Partially Cloudy	Partially Cloudy

Rainfall (mm) in last week	Rainfall (mm) from 01/06/2024 to till date
0.0 (0)	1802.2 (63)

Weather Forecast As per the district level value added forecast given by, IMD, RMC, Nagpur, In Chandrapur district during next five days on dated 29th March to 02nd April 2025 sky will be partially cloudy to clear along with Maximum temperature 39.9 to 41.4 degree Celsius & Minimum temperature 26.5 to 27.5 degree Celsius & dry weather condition very likely to occur.

Name of Crop	Stage	Weather based Agro-advisory
General Advisory		<ul style="list-style-type: none"> ➤ There is possibility to increasing temperature, Summer Green Gram, Sesame, Groundnut, Rice and Vegetables crops should be given irrigation as per requirement and availability. ➤ During next five days dry weather forecast, it is advice to continue the spraying of agrochemicals for pest and disease management and fertilizer application in standing summer crops.
Summer Green Gram	Vegetative Growth	<ul style="list-style-type: none"> ➤ There is possibility to increasing temperature, summer green gram should be given irrigation as per requirement and availability. ➤ 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"> ➤ There is possibility to increasing temperature, summer sesame should be given irrigation as per requirement and availability. ➤ Due cloudy weather infestation of blast was occurred in sesame, it controls spray Copper Oxychloride 25 g along with 6 g Streptocycline in 10 liters of water.
Summer Groundnut	Flowering to peg formation	<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 Tebukonoazool 25%WG.@500-750 Gram per/ha in 500 liters of water. ➤ There is possibility to increasing temperature, summer groundnut should be given irrigation as per requirement and availability.
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 hectare) 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.
Chilli	Flowering to Fruit stage	<ul style="list-style-type: none"> ➤ There is possibility to increasing temperature, chilli crop should be given irrigation as per requirement and availability. ➤ 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"> ➤ There is possibility to increasing temperature, brinjal should be given irrigation as per requirement and availability. ➤ For management of top shoot and fruit borer spraying should be taken of cypermethrin 25 % EC 30 ml in 10 liters of water.
Mango	Fruit Development 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"> ➤ 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.

➤ 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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