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



No.GKMS/AAB/12/ARS/1131/2025 **Date: 11th February 2025**

Observed Weather during last week. (Dated 04 th to 10 th February 2025)							Weather Parameters	Weather Forecast of Chandrapur district (Valid for dated 12 th to 16 th February 2025)				
04/02	05/02	06/02	07/02	08/02	09/02	10/02	Date	12/02	13/02	14/02	15/02	16/02
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
35.5	35.5	32.5	31.0	32.5	34.0	34.2	Max Temperature (Deg C)	35.6	35.4	34.2	34.6	33.2
18.0	18.5	17.5	15.0	14.0	14.0	17.0	Min Temperature (Deg C)	22.3	20.5	19.4	19.3	19.3
87	87	88	76	79	79	80	Max Relative Humidity (%)	65	64	63	61	66
50	34	50	41	29	27	41	Min Relative Humidity (%)	35	34	32	33	30
0.04	0.08	0.06	0.08	0.06	0.06	0.1	Wind Speed (%)	10	7	6	7	7
Clear	Clear	Clear	Clear	Clear	Clear	Clear	Total Cloud Cover (Okta)	Clear	Clear	Clear	Clear	Clear

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 12th to 16th February 2025 sky will be clear along with Maximum temperature 33.2 to 35.6 degree Celsius & Minimum temperature 19.3 to 22.3 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"> ➤ During next five days dry weather forecast, it is advice to farmers, continue the spraying of agrochemicals for pest and disease management and fertilizer application in standing rabi crops. ➤ During next five days dry weather forecast, it is advice to farmers, if irrigation facility is available, apply irrigation to rabi crop as per the requirement of crop.
Summer Sesame	Sowing	<ul style="list-style-type: none"> ➤ Sesame sowing can be done on 2nd week of February. Seed rate should be 3-4 Kg/ha for NT-11 recommended variety. Sowing of sesame can be done in broadcast or line sowing. However, sowing the seed in line is preferred. Mixing the seed with dry soil (1 time seed: 4-time dry sand) at 30cm spacing. At time of sowing place, the seed at 3cm depth in the soil. ➤ Seed treatment – to control pathogen causing seed & seedling disease, it is necessary to coat the seed before sowing with either Carbendanzim 3-4 gm and Trichoderma viride 4g of per kg seed.
Summer Groundnut	Vegetative Growth	<ul style="list-style-type: none"> ➤ Gap filling should be done up to 10 days after emergence. ➤ If weed management should be done with herbicide, spraying should be done at 25 to 30 days after sowing after germination with Targa Super 5 % EC (Quizalofop Ethyl) 100 gm active ingredient or Paruat 10 % SL (Imazithyper) 100 gm active ingredient mixed in 600 liters of water per hectare.
Summer Rice	Tillering stage	<ul style="list-style-type: none"> ➤ Apply weedicide Pretilachlor 50%EC 22ml per 10 liters of water, after 3-5 days transplanting. ➤ Maintain optimum 3- 5cm water level in the rice field. ➤ Paddy Nursery: For management of stem borer application Carbofuran 3 % CG @ 25 kg/ha (Carbofuran 3 % CG @ 250 gm for 100 m2 nursery), 5 days before pulling seeding from nursery for transplanting.
Wheat	Milking stage	<ul style="list-style-type: none"> ➤ Considering the availability of limited irrigation for wheat crop, irrigate 42 days after sowing if single irrigation is available, irrigate at 21 and 65 days after sowing if two irrigation is available, and if three irrigations available irrigate at 21, 42 and 65 days after sowing. ➤ Due to cloudy weather condition, there is possibility of incidence of sucking pest, For control of aphid spray thiamethoxam 25% WG 10 to 15gram or Quinalphos 25% EC 40 ml in per 10 liters of water.
Chickpea	Flowering to Pod stage	<ul style="list-style-type: none"> ➤ For optimum yield in Chickpea crop, the first irrigation should be given 30 to 40 days after sowing i.e. when the crop is in flowering stage and the second irrigation should be given 60 to 70 days after sowing i.e. in the pod filling stage. ➤ To manage the initial incidence of pod borer (Helicoverpa) at vegetative stage install erect bird perches @ 20/ha randomly in the field to encourage predation by insectivorous birds. ➤ Monitor for incidence of Helicoverpa for above ETL level incidence (1-2 pod borer per plant or 5 % damage crops) undertake first spray of 5% NKSE OR Azadirachtin 300 PPM @ 50 ml per 10 litres of water OR Quinalphos 25%EC @ 20 ml per 10 litres of water. Fifteen days after first spray undertake second spray with Emamectin benzoate 5% SG @ 3 g OR Chlorantraniliprole 18.5 % SC @ 2.5 ml per 10 litres of water.
Linseed	Capsule development stage	<ul style="list-style-type: none"> ➤ Due to cloudy weather condition, there is possibility of incidence of sucking pests can be observed, it controlled by spraying thiamethoxam 25% WG 10 to 15gram or Quinalphos 25% EC 40 ml in per 10 liters of water.
Safflower	Capsule development stage	<ul style="list-style-type: none"> ➤ Due to cloudy weather condition, 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.
Mustard	Silique development stage	<ul style="list-style-type: none"> ➤ In case of availability of one irrigation schedule it at flowering stage, for availability of two irrigations schedule it at 30 days and flowering stage, for availability of three irrigations schedule it at 25 to 30 days interval. ➤ Cloudy weather favors aphid incidence in mustard. for above ETL level incidence (30% infested plants) undertake spray with dimethoate 30% EC @ 13 ml/10 liters of water.
Watermelon	Sowing	<ul style="list-style-type: none"> ➤ Month of February is optimum time of watermelon sowing. ➤ Seed rate should be 3-4 Kg/ha for recommended varieties for cultivation of watermelon during this period include Asahi Yamato, Sugar baby, Arka Manik and Pusa bedana.
Muskmelon	Sowing	<ul style="list-style-type: none"> ➤ Month of February is optimum time of muskmelon sowing. ➤ Seed rate should be 2-3 Kg/ha for recommended muskmelon varieties are Pusa Sharbati,

		Pusa Madhuras, Hara Madhu.
Mango	Flowering stage	➤ 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.
Animal Management		<ul style="list-style-type: none"> ➤ For control and prevention of rinder pest diseases in sheep and goat animals should be given vaccination in consultation with veterinary doctor. ➤ Provide clean and potable drinking water to animals round the clock. Clean the water trough (once in a week) regularly in livestock. ➤ 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.
Soil Testing		➤ 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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