



इंदिरा गांधी कृषि विश्वविद्यालय

Indira Gandhi Krishi Vishwavidyalaya

शहीद गुंडाधूर कृषि महाविद्यालय एवं अनुसंधान केन्द्र

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Agroadvisory services bulletin for Baastar Plateau ACZ (20th to 27th Dec 2013)

Specific Weather situation during the last week(SGCARS,Jagdalpur)

Rainfall (mms)	00
Max. Temperature (deg. Cent.)	26 - 28
Min. Temperature (deg. Cent.)	6 – 9.4
Relative Humidity (per cent)	30 - 97
Wind speed (kmph)	1.4 – 2.9

During the last week, rainfall recorded in agro meteorological observatory was nil. Maximum temperature varied between 26 –28 degree centigrade. Minimum temp varied between 6 – 9.4 degree centigrade. Relative humidity varied between 30-97 per cent. Wind speed varied between 1.4 – 2.9 kmph.

Agro advisory services for Bastar

Kharif and Rabi crops	<ul style="list-style-type: none"> ❖ Immediately after harvest of rice field preparation should be done . Preference should be given for zero/minimum tillage which assisted the farmers for utilization of residual soil moisture for better establishment of rainfed rabi crops like safflower & gram under mid and low land farming situations. ❖ Farmers should must go for soil testing before sowing of rabi crops. Soil test based fertilizer application helped in saving of fertilizer, soil health as well good crops. ❖ In kulthi crop, the attack of <i>alternaria</i> blight and thrips is being seen. For its control, spray of copper oxychloride and monocrotophos should be done. ❖ In the mustard and toria crops, black colored saw fly caterpillar is being observed and for its control, endosulfan should be sprayed @ 2ml per litre of water. While ,for mustard aphid control , monocrotophos should be sprayed @ 1 ml per litre of water. ❖ For rainfed sugarcane cultivation arrange the varieties like CO 86032 & CO 86141 seed and make it sure the transplanting should be done within December month. ❖ Harvest the rice crop as per maturity and stored it at moisture content 12% . To check the moisture content put grain of rice in mouth and cut it with teeth , when sound of cut will be hard then it should be safe to stored . ❖ Arrange late sown wheat varieties, Viz. GW 173, MP4010, MP 1203, HD 2532,, HD 2864, Lok -1, Sujata, MP1203 and sown up to 25th December.. ❖ Marigold and coriander should be planted around the vegetable for the attraction of natural enemies. ❖ Farmers having Sprinkler irrigation facilities they must try to give irrigation in evening time that may kill the adults of DBM in cauliflower crop. ❖ Spraying of neem based insecticide twice at 15 days interval for better the management of borers. ❖ For rainfed use straw(3 to 5 th⁻¹) or plastic mulch in different crops ❖ For seed treatment of Rabi crops use the fungicide Bevistine at the rate of 2 to 3 g/kg before sowing. ❖ Pulses and oil seeds crops having nodules must be treated with Rhizobium culture. ❖ After harvest of rice linseed varieties like – R. L. C. 92, Deepika, Indira Alsı – 32, Kartika or Improved varieties of safflower like- J.S.F.-1, A-1 (Sweta), D.S.H.-129, J.S.I.-7, Nari-6, M.K.H.-II, D.S.H.-129, pulse crops like lathyrus (Varieties -Mahatiwada) and pea (Ambika or Subra) should be sown .
Soil and water conservation	<ul style="list-style-type: none"> ❖ Residual soil moisture should be used for sowing of rabi crops.
Vegetables & Cashew,	<ul style="list-style-type: none"> ❖ Vegetables crops(cauliflower type vegetables and brinjal and chilies etc.) nursery is ready, then planting operation can be done. In cauliflower type vegetables at many place, attack of saw fly in being observed and for its control, neem oil should be sprayed @ 5%. ❖ In cashew monitoring should be done for tea mosquito bug attack. Its attack is being observed in twigs and leaves like eye shaped spot. For its control, endosulfan 1.5ml/litre water of quinalphos 2ml/litre water should be used.

As per weather forecast received from RMC, India Meteorological Department, Raipur for the coming 5 days in **Bastar** district, there will be no rainfall, cloudiness of about 24 to 62 per cent while Maximum temperature will be around 27 to 28 degree centigrade and minimum temperature 9 - 10 degree centigrade. Relative humidity will vary between 40 to 83 percent. Wind speed will be about 0 kmph.

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