



इंदिरा गांधी कृषि विश्वविद्यालय

Indira Gandhi Krishi Vishwavidyalaya

शहीद गुंडाधूर कृषि महाविद्यालय एवं अनुसंधान केन्द्र

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जगदलपुर दिनांक 13/12/2013

Agro advisory services bulletin for Baastar Plateau ACZ (14th to 20 Dec 2013)

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

Rainfall (mms)	0.0
Max. Temperature (deg. Cent.)	25 - 28
Min. Temperature (deg. Cent.)	5.1 -12.5
Relative Humidity (per cent)	30 - 94
Wind speed (kmph)	2.3 - 5.1

During the last week, rainfall recorded in agro meteorological observatory was nil. Maximum temperature varied between 25 - 28 degree centigrade. Minimum temp varied between 5.1 -12.5 degree centigrade. Relative humidity varied between 30 - 94 per cent. Wind speed varied between 2.3 - 5.1kmph.

Agro advisory services for Bastar

<p>Kharif and Rabi crops</p>	<ul style="list-style-type: none"> ❖ 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 . ❖ 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. ❖ Harvesting of rice at physiological maturity stage (30 -35 days after 50% flowering) can assist farmers to bring more area under double crops(gram, lentil &safflower) by utilizing residual soil moisture as well as saving of 10 to 15 days time for advance sowing. ❖ 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 Alsí – 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) , Chickpea varieties, JG 74, Vijay, JG315 , Lentil - JL - 1, Mallika (K-75).and pea (Ambika or Subra) should be sown . ❖ The common problem persist during harvesting of rice by reaper is difficult to pull side draft on cutter bar & uneven cutting. For its remedy check and correct registration and alignment of cutter bar. ❖ 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 sugarcane cultivation arrange the varieties like CO 86032 & CO 86141 seed and make it sure the transplanting should be done within December month. ❖ For rainfed use straw(3 to 5 th⁻¹) or plastic mulch in different crops.
<p>Soil and water conservation</p>	<ul style="list-style-type: none"> ❖ Residual soil moisture should be used for sowing of rabi crops.
<p>Plantation & Vegetables</p>	<ul style="list-style-type: none"> ❖ Raising of nursery of bottle guard for intercropping , and harvesting of banana under coconut garden should be done. ❖ Dug out the tuber of tikhur and kept it 7 to 10 days than after extract the starch from them. ❖ After sweet potato harvest the harvested vegetative part (propagating material)should be planted near water resources so that for next kharif season that will utilized as seed.

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 12 to 25 per cent while Maximum temperature will be around 26 to 28 degree centigrade and minimum temperature 8 - 9 degree centigrade. Relative humidity will vary between 26 to 77 percent. Wind speed will be about 3-4 kmph and wind direction will be south easterly to north easterly.

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