



इंदिरा गांधी कृषि विश्वविद्यालय

Indira Gandhi Krishi Vishwavidyalaya

शहीद गुंडाधूर कृषि महाविद्यालय एवं अनुसंधान केन्द्र

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Agro advisory services bulletin for Bastar Plateau ACZ (27th Dec 2013 to 3rd Jan14)

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

Rainfall (mms)	00
Max. Temperature (deg. Cent.)	24.4 – 27.5
Min. Temperature (deg. Cent.)	8.5 –10.5
Relative Humidity (per cent)	38 - 97
Wind speed (kmph)	1.8 – 3.1

During the last week, rainfall recorded in agro meteorological observatory was nil. Maximum temperature varied between 24.4 – 27.5 degree centigrade. Minimum temp varied between 8.5 –10.5 degree centigrade. Relative humanity varied between 38-97 per cent. Wind speed varied between 1.8 – 3.1 kmph.

Agro advisory services for Bastar

Rabi crops	<ul style="list-style-type: none"> ❖ 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. ❖ All harvested seeds of small millets are subjected to stored to after sun drying of one day for maintaining germination of seeds. Seeds should keep in to well moisture resistance bin of storage to avoid loss of viability. ❖ 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. ❖ Rabi crops like bean, cabbage, tomato, brinjal and gram are affected by sucking and borer insects.For sucking insects pests like aphid, jassids, white fly are controlled by application of dimethoate 40 EC@ 1.5ml/litter of water. Borer pests like potato and gram borer, brinjal fruit borer are controlled by application of Imidacloprid 17.8 SL@ 150ml/ha. ❖ 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 . ❖ 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
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. ❖ Irrigation should be given to sweet potato nursery at 15 days interval.

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 0 to 12 per cent while Maximum temperature will around 27 to 28 degree centigrade and minimum temperatur 10-12 degree centigrade. Relative humidity will vary between 50 to 85 percent. Wind speed will be about 3-5 kmph. Wind direction southerly, south easterly to easterly.

Sponsor: Ministry of Earth Sciences, New Delhi.

Co-ordination: All India Co-ordinated Research Project on Dryland Agriculture, Hyderabad

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