



इंदिरा गांधी कृषि विश्वविद्यालय
Indira Gandhi Krishi Vishwavidyalaya
शहीद गुंडाधूर कृषि महाविद्यालय एवं अनुसंधान केन्द्र
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No. /SG CARS/ 2017-18/GKMS

Jagdalpur, 22 Sep, 2017

Weather recorded from 19 to 22 Sep 2017 at Agromet-Observatory, SGCARS Jagdalpur

Rainfall (mm)	4.1
Max. temperature (°C)	27.7 - 29.8
Minimum Temperature (°C)	22.6 - 23.9.
Relative humidity (%)	71 - 95
Wind speed (kmph)	5.4 - 7.3

During the last week, rainfall recorded in Agrometeorological observatory was 4.1 mm. Maximum temperatures varied between 27.7 - 29.8⁰C. Minimum temperature varied between 22.6 - 23.9⁰C. Relative humidity varied between 71 - 95 per cent Wind speed varied between 5.4 to 7.3kmph.

Medium Range Weather Forecast**Agro Advisory services bulletin for Bastar Plateau Zone (23 to 27 Sep 2017) Weather forecast of District Kondagaon**

Weather parameters	Weather forecast				
	Day 1 23_Sep	Day 2 24_Sep	Day 3 25_Sep	Day 4 26_Sep	Day 5 27_Sep
Rainfall mm.	0	0	2	0	0
Max. Temperature (°C)	30	30	30	31	30
Min. Temperature (°C)	23	23	23	23	22
Cloud amount (%)	62.5	50	50	50	50
Relative humidity (%)	95/70	90/65	95/65	95/65	95/65
Wind speed kmph and direction	4/SW	4/SW	4/W	4/W	3/S

Forecast as received from Met Centre IMD, Raipur

As per weather forecast received from RMC, India Meteorological Department, Raipur in the coming 5 days in Bastar districts, there will be rainfall from 23-27 Sep to 2mm. Cloud amount will be 50-62.5%. Maximum temperature will vary between 30-31⁰C and minimum temperature will vary between 22-23⁰C. Relative humidity will vary 65 to 95 percent. Wind speed will be about 3-4kmph and wind direction will be south-westerly.

Agro Advisories services in Bastar districts

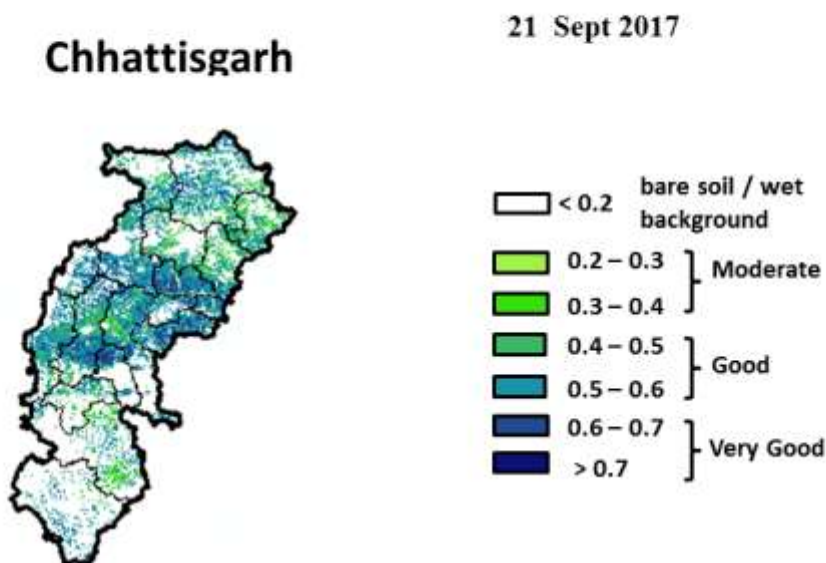
Seed treatment	<ul style="list-style-type: none"> ➤ Non Systemic fungicide- From this group of fungicide the fungus found on the seed get destroyed Example- Thairum, Captan, Daithen M-45. Use any of fungicide @ 3 gram per kg of seed for treatment. ➤ Systemic Fungicide- Such type the fungicide inter the seed and destroyed the fungus. It also provide protection of the seeds up to 15-20 days from fungal attack. Example - Vitavex/ Bavistine 2 to 3 gram per kg of seed for treatment. ➤ For seed treatments several bioagent such as trichoderma harzeanum and trichoderma viridi 6-8 gm per kg of seed. if necessary than use pseudomonas flurocens may also be used for treatments. 																																	
Kharif crops	<ul style="list-style-type: none"> ➤ Prepare the nursery for rabi vegetable's. ➤ In some area false smut in visible in rice field for control the same spray cupper oxychloride @ 2gm per liter of water. ➤ The infestation of leaves of niger is noticed for control the same spray chlorpyriphos @ 1.5 ml/lit of water. ➤ After harvesting of early duration of rice verity ,prepare the field for sowing for toria. ➤ Since last five days 95.1 mm. rainfall was received. Stored the water for the utilization during rabi crops. ➤ Spray for control of blast in ragi crop according to stage appeared viz if in early leave stage carbandagin (0.1%) or mencozeb (0.2%) or tricycalazol 0.06%, while at 50% flowering stage second spraying. Further, if appeared at neck or grain spray at 10 days interval. ➤ Make weeds free from the paddy field and apply second dose of Nitrogen Urea as a source. ➤ For the control of swarming cater pillar - protexophos + cypermethrin @ 1.5ml/lit. ➤ Apply chlorpyriphos @ 2ml/li. for the control of caseworm and leaf folder. ➤ Spraying of Tricyclazole @ 0.6gm/lit for the control of Blast. <p style="text-align: center;">Fertilizers recommendation for different duration varieties</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th style="width: 5%;">no.</th> <th style="width: 25%;">Duration of rice crop</th> <th style="width: 20%;">Nitrogen (kg/h)</th> <th style="width: 20%;">phosphorus (kg/h)</th> <th style="width: 30%;">Potash (kg/h)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>80 - 100</td> <td>40 - 60</td> <td>20-40</td> <td>10-15</td> </tr> <tr> <td>2</td> <td>101 - 125</td> <td>60-80</td> <td>30-40</td> <td>15-20</td> </tr> <tr> <td>3</td> <td>126 ls 140</td> <td>80-100</td> <td>40-50</td> <td>20-25</td> </tr> <tr> <td rowspan="3">4</td> <td>141</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">➤ Dwarf variety</td> <td>80-100</td> <td>40-50</td> <td>20-25</td> </tr> <tr> <td style="padding-left: 20px;">➤ Tall variety</td> <td>40-60</td> <td>20-30</td> <td>10-15</td> </tr> </tbody> </table> <ul style="list-style-type: none"> ➤ Keep 5-7 cm water in rice field for better growth and suppress the weeds. ➤ Prepare nursery for papaya and custard apple. ➤ V-4, Indira Kaju-1 varieties are recommended for grafted kaju planting. 	no.	Duration of rice crop	Nitrogen (kg/h)	phosphorus (kg/h)	Potash (kg/h)	1	80 - 100	40 - 60	20-40	10-15	2	101 - 125	60-80	30-40	15-20	3	126 ls 140	80-100	40-50	20-25	4	141				➤ Dwarf variety	80-100	40-50	20-25	➤ Tall variety	40-60	20-30	10-15
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Tuber Crops	<ul style="list-style-type: none"> ➤ Arrangement of drainage channel in the field of tuber crops should be done during this period. ➤ Intercultural operations and application of remaining dose of fertilizer should be apply on diascorea alata, D. bulbifera, Cassava, Sweet potato, and Tikhur. 																																	
Vegetable Crops	<ul style="list-style-type: none"> ➤ Water management should be done for the management of stem rot or foot rot or root rot diseases in various vegetable e.g. tomato, brinjal, cucurbitaceous crop and lady finger etc. ➤ Bavistin or Mancozeb 1-1.5 g or Bavistin + Mancozeb 1.5-2 g/liter water should 																																	

	<p>be applied for the control of nursery diseases like damping off in various vegetables.</p> <p>➤ For lady finger yellowing in early stage is notice. If yellowing is in limited port than remove the plant and burn them. Further for severe infestation spray dimethoyate 30 E.C. @ 1.5 m.lit/lit in morning or evening hours.</p>
Animal Husbandry	<p>➤ Supplement the wormicide medicine in feed of poultry birds at a regular interval of 3 months.</p> <p>➤ Try to mentioned dry cattle sheds to prevent from disease.</p>

Sponsor: Ministry of Earth Sciences, New Delhi.

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

DEAN



Agriculture vigour is good in some patches in Northern and central part of the state and is moderate over rest of the state.