



No. /SG CARS/ 2017-18/

Jagdalpur, 19 May, 2017

**Weather recorded from 16 to 19 May 2017 at Agromet-Observatory, SGCARS  
 Jagdalpur**

Rainfall (mms)	0.0
Max. temperature (°C)	39.3 - 41.7
Minimum Temperature (°C)	24.5 - 26.5
Relative humidity (%)	25 - 73
Wind speed (kmph)	3.1 - 6.6

During the last week, rainfall recorded in Agrometeorological observatory was 0.0mm. Maximum temperatures varied between 39.3 -41.7°C. Minimum temperature varied between 24.5- 26.5°C. Relative humidity varied between 25 - 73 per cent. Wind speed varied between 3.1 to 6.6 kmph.

**Medium Range Weather Forecast**

**Agro Advisory services bulletin for Bastar Plateau Zone (20 to 24 May2017)**

**Weather forecast of District Dantewada**

Weather parameters	Weather forecast				
	Day 1 20_May	Day 2 21_May	Day 3 22_May	Day 4 23_May	Day 5 24_May
Rainfall mms	0	0	0	0	0
Max. Temperature (°C)	42	41	41	41	40
Min. Temperature (°C)	27	27	28	28	28
Cloud amount (%)	50	37.5	50	50	37.5
Relative humidity (%)	60/30	60/30	60/30	60/30	60/30
Wind speed kmph and direction	2/S	3/S	2/S	2/S	2/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 no rainfall. Cloud amount will be 37.5-50%. Maximum temperature will vary between 40-42°C and minimum temperature will vary between 27-28°C. Relative humidity will vary 30 to 60 percent. Wind speed will be about 2-3kmph and wind direction will be southerly.

**Agro Advisories services in Bastar districts**

<b>Seed treatment</b>	<ul style="list-style-type: none"> <li>➤ 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.</li> <li>➤ 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.</li> </ul>
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**Kharif crops****For midland situation of improved varieties of rice and there characteristic**

Type of soil	Varieties	Duration	Yield (q/ha.)	Description
<b>Kharif crop</b>				
Varieties up to 10 years				
	Indira Barani Dhan-1*	111-115	35-45	Medium size grain ,suitable for shallow midland situation . medium tolerance to drought and tolerant to steam borer .
	Samleshwari*	105-112	35-45	Early duration ,semi dwarf thin grain, gall midge resistant ,blast tolerant, suitable for direct sowing and drought tolerant .
	I.R.-64 Drawout	115-120	40-45	Dwarf, long thin gain, drought resistant
	Chandrasahini*	120-125	40-45	Semi dwarf
	Indira Erobike	115-120	45-50	Suitable for arobie (need based irrigation), resistant to neck and leaf rot
	Karna Mashuri*	125-130	45-50	Semi dwarf, medium thin grain and resistant gall midge .
	IGKV R.-1* (Indira Rajeshwari)	120-125	45-50	Semi dwarf Long bold grain, suitable for poha and murmura , medium resistant to leaf blight ,gall midge and brown spot .
	IGKV R.-2* (Indira Durgeshwari)	125-135	45-50	Long thin grain, resistant to blight and, medium tolerant to sheath blight and sheath rot and suitable for eating purpose .
	IGKV R.-1244* (Indira Maheshwari)	130-135	45-50	Long thin grain, resistant to sheath blight and gall midge ,tolerant to BPH and steam borer and suitable for eating purpose .
Varieties more than 10 years				
	I.R.-36	115-120	40-45	Dwarf, long thin gain, gall midge ,blight and blast tolerant
	I.R.-64	115-120	40-45	Dwarf, long thin gain, ,blight and blast tolerant
	Kranti*	125-130	40-45	Dwarf, bold gain, drought tolerant, good for poha and high yielding.
	Mahamaya*	125-128	40-45	Dwarf, bold gain, gall

				midge resistance, good for poha and high yielding.
	MTU-1001	112-115	40-45	Semi dwarf and long grain

**For upland situation of improved varieties of rice and there characteristic**

Type of soil	Varieties	Duration	Yield (q/ha.)	Description
Kharif crop				
Varieties up to 10 years				
Irrigated soil	Samleshwari*	105-112	30 - 40	Haruna, semi dwarf, high gangai, susceptible and resistance to like diseases perfect for summer cropping, direct sowing and drought resistance.
	Indira Barani Dhan-1*	111-115	30-40	Medium fine grain for rain fed cropping preferable for shallow and low land. Medium resistance to drought and resistant to stem borer and blight.
	Sahbhagi Dhan	110-112	30-40	susceptible to leaf blight
Kharif crop				
Varieties more than 10 years				
Unirrigated high soil	Kalinga-3	80-90	25-30	High haruna medium tall.
	Aditya	85-95	25-30	High haruna, semi drought, blast resistance
	Annada	100-110	30-35	Mota dhana
	Danteshwari*	100-105	30-35	Haruna, semi drought, longh fine grain, bacterial leaf blight resistance prefer for summer cropping.
	Purnima*	100-105	30-35	Haruna, semi drought, cylindrical grain or drought resistance.

- Stored the grains at moisture content 12%. The grain should must dried.
- Protect the crops and animals from heat wave.
- For year around fodder production rice - Berseem + Mustard and Hybrid Napier - Lobia.
- For the management of leaf curl diseases in lady finger, cowpea, pumpkin, chilly and tomato systemic insecticide dimethoate 30 EC @ 1-1.5 ml/liter of water or emidaclorpride 17.8 % SL @ ml/ liter of water should be spray
- For tree plantation the pit should be dug in the month of May. Than after onset of monsoon start plantation.

**Soil testing**

- For fallow field farmers should most go for soil testing. For sampling collect soil from 6-8 places within a field.

**Vegetable**

- For cucurbititious crops for the control of powdery mildew disease apply

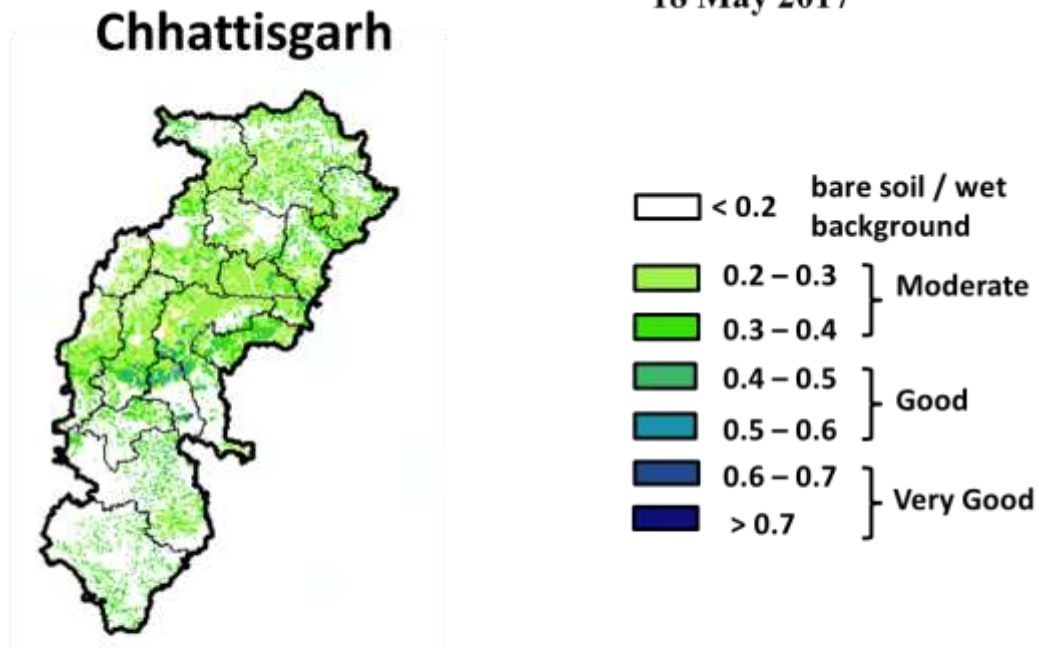
<b>Crops</b>	kerathan 1 gm powder dissolved in one liter water. ➤ Farmers must wait after the application of plant protection chemicals for picking of vegetable crops. the waiting period is between 48 to 96 hours.
<b>Animal Husbandry</b>	➤ To prevent from important disease (Heamorrhagic Septicaemia (H.S.), Block quarter (B.Q.), Anthrax, Theileriosis & warms)in animal consult the veterinary Doctor. This is the high time for de worming. The medicine like Piparagen, Benminth & Panaraquar are effective against worm .Now a day medicated pellets vetfan -600 is also advisable , but before supplement consult the veterinary Doctor .

*Sponsor: Ministry of Earth Sciences, New Delhi.*

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

DEAN

18 May 2017



Agriculture vigour is good in few patches in central region of Chhattisgarh, whereas, moderate vigour is seen in rest of the state.