



Year: 26, No. 55

Date: 11.07.2017

Integrated Agromet Advisory Services
(Project Sponsored by India Meteorological Department)
District: Raipur

Weather parameters recorded 05-0July to 11-July 2017 at Agromet-Observatory, IGKV Raipur.

Date	Maximum Temp. (°C)		Minimum Temp. (°C)		Rainfall (mm)		Relative Humidity (%)		Wind Speed Kmph	Evapo-ration (mm)	Sun Shine (hrs)	Soil Temp. (°C)5 cm depth(°C)	
	2017	Norm	2017	Norm	2017	Norm	Max	Min				07:00 hr	14:00 hr
05-July	30.0	32.0	25.0	24.2	0.0	9.9	84	66	9.7	3.4	0.7	25.7	35.0
06-July	32.4	31.6	26.0	24.3	0.0	8.5	84	55	8.0	4.8	3.9	26.6	35.0
07-July	33.8	31.9	26.5	24.2	0.0	7.9	80	42	3.5	4.6	2.2	27.6	38.5
08-July	35.6	31.5	27.4	23.9	0.0	13.5	75	39	5.5	6.8	5.1	28.0	40.5
09-July	37.5	31.1	27.0	24.2	0.0	7.1	72	58	5.8	7.6	6.7	29.0	36.0
10-July	33.5	31.6	24.5	24.2	5.6	8.9	92	90	4.3	4.0	0.0	28.0	28.0
11-July	27.0	31.7	24.2	24.2	14.0	8.4	100	84	4.5	1.1	0.0	25.6	29.4
	32.8	31.6	25.8	24.2			84	58	5.9	4.6	2.7	27.2	35.5
					19.6	64.2							

As per the observations recorded at Agromet Observatory, IGKV, Raipur Maximum temperature varied between 27.0°C to 33.8°C as against the normal of 31.6°C. Similarly minimum temperature varied between 24.2°C to 27.4°C as against the normal of 24.2°C. Fluctuations in other weather parameters were also reported during the week. Bright sunshine hour during this period varied between 0.0 to 6.7 hours/day. Average wind speed and evaporation for the week remain 5.9 kmph and 4.6 mm/day, respectively.

Medium Range Weather Forecast Forecast received from, IMD, Raipur

Weather parameters	12-July	13-July	14-July	15-July	16-July
Rainfall (mm)	7	6	13	14	8
Maximum Temperature(°C)	27	28	29	29	29
Minimum Temperature (°C)	24	24	24	25	25
Cloud Cover (Octa)	8	8	8	8	7
Maximum humidity (%)	95	95	95	95	95
Minimum humidity (%)	57	60	60	61	60
Wind Speed (kmph)	4	3	3	5	6
Wind Direction (Deg)	SW	S	SW	SW	SW

Agro-advisories

General

1. Monsoon rainfall has started in maximum regions of Chhattisgarh state. Therefore farmers should take up sowing of kharif crops like paddy, arhar, sesamum, maize and millets (kodo, kutki and finger millets) etc. Sowing should be done in lines. Seed treatment should be done before sowing. Granular fertilizers should be applied through seed drill.
2. Soybean and other pulses crops should be sown with proper drainage. Soybean seeds must be treated with Rhizobium culture @ 5 gram + PSB @ 10 g/ Kg. before sowing.
3. In the light soils, the early duration varieties like Danteshwari, Poornima, Indira Barani Dhan-1, Annada, Samleshwari, MTU-1010, IR-36 should be grown. In case certified seeds are not available, then farmer should use own stored seeds and 17 per cent salt solution should be used for selection of bold seeds and seed treatment should be done with Bavistin.
4. In line sowing within 3 days of sowing, pre-emergence herbicides like Pendimethalin should be sprayed @ 1.25 liter per ha. dissolved in 500 liters of water.
5. For control of weeds in soybean pre-emergence herbicides like Quizalofop-p-ethyl, Imazethapyr or Pendimethalin or Metribuzin should be sprayed in recommended quantity.
6. In wilt affected regions mixed cropping with Arhar and Jowar will help in control of wilt in Arhar.

Fruits & Vegetables

1. Prepare seedlings for kharif vegetables. Seeds of pumpkin, bitter gourd and bottle guard should be sown by vegetable growers in the fields.
2. Need based intercultural operations should be done in tomato, brinjal, chilli, okra and other vegetable crops.
3. Planting of new fruit plants should be started.

Animal husbandry:

1. Dairy farmers are advised to give Albendazole fenbendazole to their animals @ 3.0 grams for big animals @ 1.5 gram for small animals in the morning hours in empty stomach.
2. Small chicks should be prevented from cold up to the age of 5-6 weeks.
3. Dairy animal should not be allowed to suffer from rain drenching. Cattle shed should be kept dry as far as possible to prevent from foot rot disease.
4. If loose motion is there then fungal wormicide should be fed to animals. N.T. Zole and Rumen F.S. Bolls should be given for 2 days. (morning & evening)

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