



Year: 26, No. 87

Date: 07.11.2017

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

Weather parameters recorded 25-Oct. to 31-Oct. 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
01-Nov.	31.0	30.2	18.0	17.8	0.0	0.3	92	41	2.4	3.2	5.9	21.2	37.5
02-Nov.	30.5	30.1	18.6	17.3	0.0	0.5	87	41	2.5	3.2	7.7	21.4	37.5
03-Nov.	30.5	29.7	16.5	17.0	0.0	0.7	84	35	2.2	3.7	8.8	20.0	37.5
04-Nov.	30.0	29.8	17.2	16.7	0.0	0.2	85	44	3.6	3.2	9.4	20.0	33.6
05-Nov.	29.0	29.8	16.8	16.2	0.0	1.3	96	37	3.8	3.8	9.5	20.4	38.5
06-Nov.	30.2	29.6	17.5	15.9	0.0	0.3	90	39	3.0	3.9	9.7	20.8	39.0
07-Nov.	31.0	29.8	17.0	16.2	0.0	0.4	90		2.7	3.5	8.9	20.6	
	30.3	29.9	17.4	16.7			89	40	2.9	3.5	8.6	20.6	37.3
					0	3.7							

As per the observations recorded at Agromet Observatory, IGKV, Raipur Maximum temperature varied between 29.0°C to 31.0°C as against the normal of 29.9°C. Similarly minimum temperature varied between 16.5°C to 17.8°C as against the normal of 16.7°C. Fluctuations in other weather parameters were also reported during the week. Bright sunshine hour during this period varied between 5.9 to 9.7 hours/day. Average wind speed and evaporation for the week remain 2.9 kmph and 3.5 mm/day, respectively.

Medium Range Weather Forecast received from, IMD, Raipur

District	DATE	Rainfall	Max temp	Min Temp	Cloud	Max RH	Min RH	Wind	
								Speed (Kmph)	Direction
RAIPUR	08.11.2017	0	32	20	0	80	45	3	N
RAIPUR	09.11.2017	0	32	18	0	80	45	3	NE
RAIPUR	10.11.2017	0	32	18	0	75	40	3	N
RAIPUR	11.11.2017	0	31	18	0	75	40	3	N
RAIPUR	12.11.2017	0	31	18	1	75	35	3	N

Agro-advisories

General

1. For rabi crops, farmers can start their field operations in fallow fields. Tractor drawn rotorator or cultivator can be used and shallow ploughing should be done. In November month, moong, urad, sunflower, lathyrus, Gram and Safflower, forage crops can be taken.
2. Rabi pulses and oilseed crops to be sown around 15 november so as to reduce the outbreak of insect pest.
3. Seed treatment is mandatory in gram corp. For seed treatment apply Carbendazim @ 1.5 gram + Rhizobium culture @ 6 to 10 gram and Trichoderma powder @ 6 to 10 gram/kg seed.
4. If this is recurring infestation of wilt and collar rot disease in each year follow crop rotation for rabi wheat, lathyrus, safflower and linseed crops can be taken.

Fruits & Vegetables

1. Farmers should go for earthing up in the banana plantations.
2. Copper oxychloride should be sprayed at an interval of 15 days in papaya.
3. Winter vegetables like cauliflower, cabbage and kholchol early varieties should be selected. Nursery sowing can be done. Preparation for nursery sowing of tomato, brinjal, chillies and capsicum can be done and seed treatment by Thiram should be done @ 2 gram/ kg. seed.

Animal husbandry:

1. Looking into the decrease in temperature and its possible adverse effects, dairy farmers are advised to keep the animals in the cattleshed with concrete / brick roof.
2. Farmers are requested to go for sowing of Berseem and oat by mid-November so that green fodder can be fed to milch animals.
3. In case animals are not vaccinated against FMD, Haemorrhagic Septicaemia (HS) and Black quarter diseases, they can be prevented by vaccination against these diseases.

*Sr. Scientist
(Agromet)*