



GRAMIN KRISHI MAUSAM SEWA (GKMS)
R.M.D. College of Agriculture & Research Station,
Ambikapur (C.G.) 497 001
INDIRA GANDHI KRISHI VISHWAVIDYALAYA



Year: 10
Date: 07/11/17

E-mail: aas_ambikapur@yahoo.co.in
Ph. : (07774)-232815 (O), 232986 (FAX)

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Medium Range Weather Forecast
For District: Surajpur

Forecast received from IMD

Weather parameters	08 Nov.	09 Nov.	10 Nov.	11 Nov.	12 Nov.	Remarks
Rainfall (mm)	0	0	0	0	0	Mainly dry weather during this period.
Maximum Temperature (°C)	28	28	27	27	27	Maximum temperature will remain between 27-28°C and the minimum around 12-15°C during this period
Minimum Temperature (°C)	15	13	13	12	12	
Cloud Cover (Octa)	0	0	0	0	0	Mainly Clear sky
Maximum humidity (%)	90	80	80	70	70	
Minimum humidity (%)	45	40	40	35	30	
Wind Speed (kmph)	3	3	3	4	4	
Wind Direction	E	E	NE	NE	NE	

Agro-Advisory for the farmers
(Based on weather forecast)

- **Paddy harvest:** Forecasted weather will remain favorable for harvesting and threshing of paddy crop. Farmers are advised to do this giving top priority so that the field preparation for sowing of *rabi* crops can be done on time.
- **Field preparation:** Sufficient moisture is present in soil. Hence, farmers are advised to prepare their land for sowing of different *rabi* crops.
- **Sowing:** Farmers are advised for sowing of gram with zero tillage practice.
- **Seed treatment:** Before the sowing of pulse crops farmers are also advised for the seed treatment with Bavistin or Thiram @ 2.5 g per kg of seed followed by treating with recommended Rhizobium cultures @ 5 g per kg seed.

- **Lathyrus:** Use improved variety of lathyrus like Pratik, Ratan and Mahatiwda for sowing as this is the appropriate time.
- **Mustard:** Farmers who wish to cultivate mustard crop, may start sowing after preparation of the field and Select the improved seed, recommended for this region like Shiwani, Varuna, Pusa Bold, BR-40 etc. 3 kg seeds are required for cultivation in one acre. Sow the seed in line at a distance of 30 cm. (Row to row) and 10 cm. (Plant to plant).
- **Chickpea:** Sowing of chickpea in time will help to prevent wilt disease.
- **Sowing of potato and garlic:** Present weather conditions are favourable for the sowing of potato and garlic and also for raising seedlings of Onion. Hence, farmers having proper irrigation facilities are advised for the sowing of the same. Seed treatment before planting is advised.
- **Transplanting:** Looking to the present weather conditions farmers are advised for the transplanting of cauliflower, tomato, brinjal, chilli etc. in the main field during evening hours. Farmers can also sow the leafy vegetables.
- **Orchard:** Farmers are advised to Paint stem of tree by using Bordo mixer/pest, maintain cleanness in the orchard, prepare basin around the tree and apply recommended dose of manure and fertilizer.
- **Green fodder:** At present green fodder is available in plenty. Therefore daily farmers are advised that green fodder mixed with forage should be fed to animals/ cows/ buffaloes. Care for prevention of loose motion should be followed.
- Provide concentrate feed to milch animals mix with dry and green fodder and insure for enrich diet having protein, carbohydrate, fat, vitamins etc. Provide concentrate feed to milch animals mix with dry and green fodder and insure for enrich diet having protein, carbohydrate, fat, vitamins etc.
- **Animal care:** Low temperature condition may adversely affect the milk production and performance of domestic animals. Farmers are advised to give protein enriched diet to the animals. Do not keep the animal in the open.

Nodal Officer
Agro-Meteorology