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**Medium Range Weather Forecast**  
**For District: Surajpur**

Forecast received from IMD

Weather parameters	12 July	13 July	14 July	15 July	16 July	Remarks
Rainfall (mm)	49	19	40	50	42	Medium to heavy rainfall during this period.
Maximum Temperature (°C)	25	26	26	26	27	Maximum temperature will remain between 26-27°C and the minimum around 21-22°C during this period
Minimum Temperature (°C)	21	21	21	22	22	
Cloud Cover (Octa)	8	8	7	6	6	Mainly cloudy sky
Maximum humidity (%)	100	100	100	95	95	
Minimum humidity (%)	82	85	80	80	80	
Wind Speed (kmph)	7	4	3	3	3	
Wind Direction	SW	S	S	S	S	

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

**Rice:** Possibility of medium to heavy rains forecast farmers are advised to store the water in the rice fields and complete the transplanting and Biasi operation in the crop at 25-30 days seedling stage as early as possible.

**Rice:** Due to the light to medium rainfall received during past week soil has become saturated, it is therefore advised for transplanting of rice crop in main field.

**Line sowing Rice:** Farmers are advised to go for line sowing in rice crop. In case farmers have sown rice crop by *broadcast biasi* method and wish to go by this method, seed rate should be kept somewhat less @ 60-80 Kg./ha. and weeds should be managed by post-emergence herbicide.

**Seed treatment:** During monsoon period the chances of soil and seed borne diseases may increase due to higher soil moisture and temperature. Hence, farmers are advised for seed treatment with Thiram or Bavistin @ 3 g per kg of seed to protect the crop at early stage.

**Weed management:** Farmers are advised to use pre-emergence herbicides within 3-7 days of sowing and post-emergence herbicides should be applied 25-35 days after sowing. This will ensure that weeds are controlled to a large extent and crops are able to utilize the soil moisture.

**Vegetables:** Farmers are advised to sow brinjal, early tomato, chilli and onion in the nursery in the upland areas.

**Horticulture:** It is proper time for plant propagation like lairing, budding, grafting etc.

**Cattle:** Farmers are advised to provide vaccination to their cattle to protect from contagious diseases under current weather condition.

**Poultry:** During monsoon season normally low light duration due to cloudy weather condition hence farmers are advised increase light duration in poultry farms.

**Nodal Officer  
Agro-Meteorology**