



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

### DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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### 35) Weather based Agromet Advisory committee meeting dated 28.06.2024

**District: Dhule**

Last Week Weather Summary (21.06.2024 to 27.06.2024)							Weather Parameters	Weather Forecast (29.06.2024 to 03.07.2024)				
21	22	23	24	25	26	27	Date	29	30	01	02	03
							<b>Rainfall (mm)</b>	16	10	14	12	10
							<b>Max. Temp. (0C)</b>	35	34	33	31	31
							<b>Min. Temp. (0C)</b>	22	23	21	21	21
							<b>Cloud Cover</b>	8	8	8	8	8
							<b>Max. RH (%)</b>	78	81	83	81	82
							<b>Min. RH (%)</b>	72	60	72	72	72
							<b>Wind Speed(km/hr)</b>	20	23	24	28	27

### Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
<b>Weather Summary</b>		According to the weather forecast from the RMC, Mumbai, sky will remain partly cloudy next five days There is a possibility of light rains at isolated places during next five days.
<b>General Advisory</b>		Use Meghdoot mobile app for weather based crop advisory and prediction. Use Damini app for lightning warning or prediction.
<b>SMS Advisory</b>		<b>Many places in the Dhule district have received good rains in the last weeks. Therefore, sowing should be started after the wapasa condition with sufficient moisture.</b>
<b>Soybean</b>	<b>Sowing</b>	<b>Selection of Variety:</b> Phule Durva, Phule Kimaya, Phule Sangam, Phule Agrani, Phule Kalyani <b>Seed Treatment:</b> Seed treated with Carboxin 37.5%+Thyrum 37.5% DS per kg of seed to protect against soil borne diseases. 30 g per 10 kg of seed should be applied followed by azoxystrobin 2.5% + thiophenate methyl 11.25% + thiomethoxam 25% F.S. 100 ml or thiomethoxam 30% F.S. 100 ml per 10 kg of seed should be treated so that the crop will be protected from the stem fly during the seedling stage.
<b>Cotton</b>	<b>Sowing</b>	<b>Selection of Variety:</b> Phule 688, Phule Yamuna, Phule Rakhumai, Phule 492, Phule Tarang, Phule Asmita, Phule Swetambari, Phule Suman, Phule 388, Phule Dhara, Phule Prabha, Phule Chetana, Phule Mahi, Phule Ekata, Phule Subhra <b>Seed Treatment:</b> seeds should be treated with Carbaxin 37.5% + Thirum 37.5% WS fungicide at the rate of 3.5 gm per kg seed. This reduces the incidence of diseases like root rot and bacterial blight.
<b>aepnoegiP</b>	<b>Sowing</b>	<b>Selection of varieties:</b> Phule Tripti, Phule Renuka, PDKV Ashelsha, BSMR 853, BSMR 736, BDN-711, BDN-716, Godavari, Bhima, PDKV Tara <b>Seed Treatment:</b> Seed treated with 5 g Dricoderma or 4 g Carboxin 37.5% + Thirum 37.5% w.s. per kg seed before sowing. Bacterial culture 10 kg of seeds should be rubbed with cold jaggery solution.
<b>Green gram</b>	<b>Sowing</b>	<b>Selection of varieties:</b> Phule Chetak, BM 2003-02 <b>Seed Treatment:</b> Before sowing, Seed treated with 5 grams of Trichoderma powder per kg of seed should be applied and then 25 grams each of Rhizobium and PSB bacteria powder mixed with cold jaggery water should be applied. Rhizobium bacterial culture of cowpea group should be used for the seeds of green gram, black gram crops. Trichoderma controls fungal diseases. Rhizobium increases the availability of nitrogen by increasing root nodules.
<b>Black gram</b>	<b>Sowing</b>	<b>Selection of varieties:</b> TAU1, Phule Rajan



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		<b>Seed Treatment:</b> Before sowing, Seed treated with 5 grams of Trichoderma powder per kg of seed should be applied and then 25 grams each of Rhizobium and PSB bacteria powder mixed with cold jaggery water should be applied. Rhizobium bacterial culture of cowpea group should be used for the seeds of green gram, black gram crops. Trichoderma controls fungal diseases. Rhizobium increases the availability of nitrogen by increasing root nodules.
<b>Maize</b>	<b>Sowing</b>	<b>Selection of varieties:</b> Rajshree, Phule Maharshi, Sangam, Kuber <b>Seed Treatment:</b> Before sowing, Seed treated with 2 to 2.5 g of thiram fungicide should be applied per kg of seed. Also Azotobacter bacterial culture 25 gm per kg of seed should be applied after sowing.
<b>Sunflower</b>	<b>Sowing</b>	<b>Selection of varieties:</b> Phule Bhaskar, Modern, KBSH 1, LSFH 35 <b>Seed Treatment:</b> To prevent disease Downy mildew, Seed treated with 6 gm Metalaxyl 35 W. Apply per kg of seed. Thiamithoxam 30% F.S. 10 ml per kg of seed should be applied for prevention of necrotic disease. Then Azotobacter bacterial fertilizer should be applied at 25 g per kg seed before sowing.
<b>Pearl millet</b>	<b>Sowing</b>	<b>Selection of Variety:</b> Phule Adishakti, Phule Mahashakti, Dhanashakti <b>Seed Treatment:</b> If seed-treated certified seed is not available, seed should be treated with 20 percent salt solution before sowing. For this, dissolve 2 kg of salt in 10 liters of water. The light fungal seeds floating on the water should be removed and destroyed and the healthy and heavier seeds at the bottom should be separated and washed 2 to 3 times with water and then dried in the shade and used for sowing.
<b>Groundnut</b>	<b>Sowing</b>	<b>Selection of Variety:</b> Phule Unnati, JL-776, JL-1085, KDG-123, KDG-128, KDG-160 <b>Seed Treatment:</b> To protect the crop against seed-borne and seedling diseases, apply 2.5 g of Mancozeb or 4 g of Trichoderma biological fungicide per kg of seed before sowing. Then 25 grams of rhizobium and 25 grams of phosphorus soluble bacterial culture (solid or liquid) per kg of seed should be applied.

**Source:**

- 1) Weather Forecast : RMC, Mumbai  
2) Last week weather summary : College of Agriculture, Dhule.

**Place : MPKV, Rahuri**

**Date : 28.06.2024**

**Sd/-**

**Nodal Officer, GKMS, AMFU Rahuri &  
Head, Department of Agronomy, MPKV, Rahuri**