AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR
ZONAL AGRICULTURAL RESEARCH STATION, SHENDA PARK, KOLHAPUR

Ph. No. 0231 2692416 **E-mail: adrkolhapur@rediffmail.com**

Weather based Agromet Advisory committee meeting dated 23.11.2026

District: SATARA

Last Week Weather Summary (17.10.2026 to 23.11.2026)							Weather Parameters	Weather Forecast (24.11.2026 to 28.11.2026)				
17	18	19	20	21	22	23	Date	24	25	26	27	28
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	0	0
-	-	-	-	-	-	-	Max. Temp. (^{0}C)	33	33	32	32	32
-	-	-	-	-	-	-	Min. Temp. (^{0}C)	14	14	15	16	17
-	-	-	-	-	-	-	Cloud Cover	0	1	3	4	5
-	-	-	-	-	-	-	Max. RH (%)	71	73	78	77	81
-	-	-	-	-	-	-	Min. RH (%)	30	34	36	36	37
-	-	-	-	-	-	-	Wind Speed(km/hr)	4	4	5	4	6
-	-	-	-	-	-	-	Wind Direction	N	E	E	E	E

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated there is forecast of mainly clear sky on 24th, 25th and 26th November and partially cloudy sky on 27th and 28th November in **Satara district.** **During next 5 days Tmax may remain 32.0 to 33.0°C and minimum temperature may decrease by 2 to 3 °C and remain between 14.0 to 17.0°C.** Morning relative humidity will remain nearby 71 to 81% and Afternoon relative humidity will remain nearby 30 to 37%. Wind speed will remain between 04 to 06 km per hour.
ERFS		According to the Extended Range Forecast (ERF), over Madhya Maharashtra during 25th November to 1st December rainfall is likely to remain below normal and maximum temperatures likely to remain normal and minimum temperatures are also likely to remain normal.
General Advisory		**Due to the increasing cold, citizens should take the following precautions:** ➢ Take special care of elderly people and young children. ➢ Stay indoors as much as possible and avoid unnecessary travel. ➢ Wear sweaters, mufflers, ear caps, socks, and gloves. ➢ Regularly consume warm beverages. ➢ Stay updated on weather conditions by listening to the radio, watching TV, or reading newspapers.
SMS Advisory		➢ If possible Carry out mulching in fruits and vegetable crop by using sugarcane trash
Rice	**Maturity**	➢ Dry the harvested crop for 3–4 days, then thresh it and store the threshed grain in a safe, dry place.
Maize	**Sowing**	➢ Farmers should undertake maize sowing for the *Rabi* season as early as possible only if assured irrigation facilities are available. ➢ Select improved early-maturing maize varieties for sowing. Maintain a spacing of 75 × 20 cm between rows and plants. ➢ At the time of sowing, apply 35 kg urea, 150 kg Single Super Phosphate (SSP), and 28 kg Muriate of Potash (MOP) per acre. ➢ Before sowing, treat maize seeds with Chlorantraniliprole 50% FS @ 5 ml per kg of seed. ➢ Immediately after sowing or on the following day, apply the recommended pre-emergence herbicide Atrazine @ 500 gram mixed in 200 litres of water per acre as a uniform spray on the soil surface. ➢ Install 5 pheromone traps per acre within one week after crop emergence for monitoring fall armyworm infestation. For fodder maize cultivation, select varieties such as African Tall, Ganga Safed, and Manjari Composite. ➢ For the management of Fall Armyworm, install 15 pheromone traps per acre to attract male moths. Also, erect bird perches in the field. ➢ If 5% of the plants are found to be infested within four weeks after crop emergence, spray

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		Azadirachtin 1500 ppm or neem extract at 50 ml per 10 litres of water.
Wheat	**Sowing**	➢ Only when there is availability of assured irrigation complete sowing of Wheat crop ➢ Make availability of Phule Samadhan, Phule Anupam, Phule Satwik, M.A.C.S. 6222 and NIAW 1149 varieties for sowing. ➢ Seed rate: Wheat under protective irrigation require: 75 to 100 kg seed per hector. ➢ Seed Treatment: Treat the seed with Thiram 75 % WS @ 3gram per kg of seed also for control of Aphids, Thrips and Stem fly ➢ Treat the seeds with Thiamethoxam 30% F.S.@ 7.5ml per 10 kg of seed. Carry out seed treatment with fungicide, insecticide and allow drying the seed and then treat the seed with Azatobactor@25gram per 1 kg of seed and PSB @ 25gram per 1 kg of seed. This will helpful to increase yield by 10 to 15%.
Chick Pea	**Sowing/ Vegetative growth**	➢ Complete the sowing of Chick pea as early as possible only if there is availability of sufficient irrigation ➢ Use Vijay, Vishal, Digvijay, Phule Vikram, Phule Vikrant and Phule Vishvaraj varieties for sowing. ➢ To ensure vigorous growth, keep the crop weed-free from the beginning, and perform the first hoeing when the crop is 20 days old. ➢ For control of gram pod borer install bird perches into chickpea crop and install 5 pheromone traps per hector. ➢ Use sprinkler irrigation for irrigating Gram.
Sugarcane	**Vegetative growth**	➢ Pre-seasonal sugarcane planting should be completed by 30th November only if sufficient water is assured for irrigation. ➢ For pre-seasonal sugarcane planting, select recommended varieties such as Co 86032, CoM 0265 (Phule 265), Phule 10001, Phule 11082, Phule Sugarcane 15012, Phule Sugarcane 13007 and Phule Sugarcane 15006. ➢ Seed Treatment: To control fungal diseases, treat sugarcane setts with 10 g of Carbendazim dissolved in 10 litres of water for 10 minutes before planting. Thereafter, treat the setts with 10 kg of Acetobacter + 1.25 kg of PSB (Phosphate Solubilizing Bacteria) per hectare, mixed in 100 litres of water, for 30 minutes. This treatment can help save up to 50% of nitrogen fertilizer and 25% of phosphorus fertilizer.
Strawberry	**Vegetative growth**	➢ To obtain higher yields in strawberry, spray Gibberellic Acid (GA_3) @ 25 ppm at 30 days after planting. ➢ To obtain higher yields in strawberry, apply 35:40:18 kg of Nitrogen, Phosphorus and Potassium (N:P:K) per hectare, respectively, during the second month after planting, divided into three equal splits. ➢ If calcium deficiency is observed 45 days after planting, spray Phule Micrograde 2 at a concentration of 0.5%.
Mango	**New flush**	➢ Due to partially cloudy weather at some places during the previous week, for the biological control of hoppers on mango, mix Metarhizium anisopliae 1.15% WP (1×10^9 spores per gram) at the rate of 50 g per 10 liters of water and spray. ➢ Apply the first spray before flowering, and if required, 2 to 4 sprays at weekly intervals during the flowering stage.
Chilli	**Fruit development**	➢ Due to dry weather during the past week in some areas, the incidence of thrips on chilli crops has increased. Thrips stay on the upper and lower surface of the leaves and suck the sap, causing the leaf edges to curl upwards. Leaves become smaller; this condition is known as “Bokadya” or “Churda-Murda.” ➢ For control, spray Imidacloprid 17.8% SL @ 2.5 ml, or Fipronil 5% SC @ 20 ml, or Spinetoram, using these insecticides alternately. ➢ Use blue sticky traps @ 20–25 per acre in the field.
Tomato	**Fruit development**	➢ There is forecast of Tmax. between 25 to 32oC thus there is possibility of increase infestation of Fruit Borer on Tomato thus to control spray to control spray the crop with Novaluron 10% E.C. or Chlorantraniliprole 18.5% S.C. 3 ml per 10 liter of water.

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Animals	**Growth**	Fodder Planning During El Nino condition ➢ Properly dry and store the fodder available during the kharif season for later use. ➢ Include tree leaves in livestock feed. Examples include subabul, sesbania (shevari), mulberry, drumstick, banyan, cluster fig, and peepal. ➢ After harvesting bananas, use the leaves and pseudostems as livestock fodder. ➢ Where sugarcane tops are fed as fodder, give each animal 50 g of mineral mixture. ➢ Use the available water to grow fodder sorghum. ➢ Select suitable fodder crops for intercropping. ➢ If water is available, grow fodder crops that can be harvested early, such as cowpea, berseem, and lucerne.

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Source:
1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR
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Sd/-
Nodal Officer, GKMS, &
Associate Director of Research,
ZARS, Kolhapur