



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

34) Weather based Agromet Advisory committee meeting dated 28.06.2022

District: Ahmednagar

Last Week Weather Summary (21.06.2022 to 27.06.2022)							Weather Parameters	Weather Forecast (29.06.2022 to 03.07.2022)				
21	22	23	24	25	26	27	Date	29	30	01	02	03
5	41.8	42.6	1.6	19.6	5.8	16.4	Rainfall (mm)	18	24	22	15	10
33.8	32.2	33.2	30.2	28.6	32.4	30.2	Max. Temp. (0C)	32	30	30	30.8	33.4
25.1	23.7	22.5	23.9	24.7	23.9	23.3	Min. Temp. (0C)	23	21.7	20.9	22	23
2	2	2	2	2	2	0	Cloud Cover	8	8	8	8	8
77	87	95	90	84	84	90	Max. RH (%)	80	78	79	80	81
52	49	61	76	51	60	63	Min. RH (%)	64	63	62	66	67
5.6	3.9	2.6	0.6	1.5	1.8	1	Wind Speed(km/hr)	22.8	23.7	23.2	24.8	24.1

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the Regional Meteorological Center, sky will remain partly cloudy & light rain is expected at isolated places during next five days.
General Advisory		1) Use Meghdoot mobile app for weather based crop advisory and prediction. 2) Use Damini mobile app for electricity forecasting.
SMS Advisory		It has been raining in many places in the district in the last week. Therefore, sowing should be done in case of considering soil moisture at wapasa condition.
Animal Husbandry		As per the predictions, the weather will remain hot and humid with clouds which are congenial for growth and re-production of house flies, flea beetle, mosquitoes, etc. To overcome this problem, adopt spraying of Butox, Ectomin in consultation with veterinarians. It is advisable to fumigate the barn or cattle shed with leaves of Neem or Custard apple. In some pockets, due to pre monsoon rain the pastures may have new growth green grasses. Take care to avoid grazing on newly grown grasses. Vaccinate the sheep and goat against disease if not vaccinated. Provide good shelter to protect the animals from rains, particularly for sheep and goats. The breeding season of sheep and goat is started. Provide the concentrate ration at the rate 350 to 500 gm per animal for twining. Use lime powder in barn or cattle shed to keep the floor dry.
aepnoegiP	Sowing preparation	Sowing Time: Before 10 July Seed treatment: Seed treatment of 5 g Trichoderma per kg of seed should be done before sowing. Then rub 250 g of Rhizobium 10 kg of seeds in cold jaggery solution. Fertilizer Dose: Apply 25 kg N and 50 kg P ₂ O ₅ per hectare at the time of sowing.
Groundnut	Sowing preparation	Seed Rate: 120 to 125 kg per ha Sowing Time: Up to 15 July Sowing time: 15 th June to 15 th July Seed Treatment: To protect the crop from seed borne, apply 5 g of Thirum or 2 g of Carbendazim or 3 g of Mancozeb or 5 g of Trichoderma per kg of seeds. Then apply 25 g of Rhizobium and 25 g of PSB per kg of seed. Dry the treated seeds in the shade before sowing. Fertilizer dose: Apply 25 kg N + 50 kg P ₂ O ₅ at sowing time. Fertilizer



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI
DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

		Management (as per revised recommendation 2013) For maximum production of groundnut, 400 kg/ ha of gypsum should be mixed in the soil along with chemical fertilizer doses (200 kg/ ha at the time of sowing and the remaining 200 kg/ ha at the time of peg formation).
Maize	Sowing preparation	Seed Rate: 15 to 20 kg per ha Sowing Time: Up to 15 July Seed treatment: Apply 2 to 2.5 g of Thirum/ kg seed before sowing. Also use Azotobacter before sowing. Fertilizer dose: 40 kg N, 60 kg P ₂ O ₅ , 40 kg K ₂ O per hectare at the time of sowing, 40 kg N 30 days after sowing, 40 kg N per hectare 40-45 days after sowing. Micronutrients: In case of zinc deficiency in the soil, apply 20 to 25 kg zinc sulphate per hectare.
Pearl millet	Sowing preparation	Seed Rate: 3 to 4 kg per ha Sowing Time: Up to 15 July Seed Treatment: A) Seed treatment with 20% salt solution: If certified seeds are not available, seeds should be treated with 20% salt solution before sowing. For this, dissolve 2 kg of salt in 10 liters of water. Light and fungus infected seeds floating on water should be removed and destroyed. Healthy and heavy seeds at the bottom should be separated, washed with water 2 to 3 times, then dried in shade and used for sowing. B) Metalaxyl 35 WS Seed treatment: Before sowing, apply 6 g of Metalaxyl 35 WS (apron) per kg of seed and then sow. C) Seed treatment of Azospirillum and PSB: 25 g of Azospirillum per kg of seed should be given and sown. This saves 20 to 25 per cent nitrogen fertilizer and increases production by 10 per cent. Also PSB 25 gm per kg of seed. Fertilizer dose: 40 kg N, 20 kg P ₂ O ₅ and 20 kg K ₂ O in light soil and 50 kg N, 25 kg P ₂ O ₅ and 25 kg K ₂ O per hectare in medium soil. At the time of sowing give half nitrogen and full phosphorus and potash and after 25 to 30 days give the remaining half nitrogen (when soil is moist).
rewolfnuS	Sowing preparation	Seed Rate: 8 to 10 kg per ha Sowing Time: First fortnight of July Selection of Variety: Improved: Phule Bhaskar, SS 56, Morden, EC 68414, Bhanu Hybrid: KBSH1, LSFH171, LSFH35, LSFH-44, Phule Raviraj, MSFH-17 Seed Treatment: Apply 6 g Metalaxyl 35 WS per kg of seed to prevent the downy mildew. Also apply Imidacloprid 70 W 5g for prevention of necrosis. Then apply Azotobacter 25 g/ kg seed before sowing. Fertilizer dose: Dryland crop should be sown with 2.5 tons of manure per hectare as well as 50 kg N, 25 kg P ₂ O ₅ and 25 kg K ₂ O at the time of sowing. Irrigated crop should be given 60 kg N + 60 kg P ₂ O ₅ + 60 kg K ₂ O per hectare. Out of this 30 kg N and complete P ₂ O ₅ and K ₂ O should be given at the time of sowing and the remaining 30 kg N should be given within one month after sowing. For sulfur deficient soils 20 kg of sulphur per hectare should be mixed with vermicompost at the time of sowing.

Source:

- | | |
|------------------------------|---------------------------------------|
| 1) Weather Forecast | : RMC, Mumbai |
| 2) Last week weather summary | : IMD Observatory, WMP, MPKV, Rahuri. |



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI
DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

Place : MPKV, Rahuri
Date : 28.06.2022

Sd/-
Nodal Officer, GKMS, AMFU Rahuri & Head,
Department of Agronomy, MPKV, Rahuri.