



AGROMET ADVISORY BULLETIN

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10) Weather based Agromet Advisory committee meeting dated 05.05.2026

District: Nashik

Last Week Weather Summary (29.04.2026 to 05.05.2026)							Weather Parameters	Weather Forecast (06.05.2026 to 10.05.2026)				
29	30	01	02	03	04	05	Date	06	07	08	09	10
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
37.5	37.5	36.0	35.5	36.2	36.0	35.8	Max. Temp. (°C)	36	37	38	39	38
18.9	20.4	23.0	23.0	23.2	23.2	23.0	Min. Temp. (°C)	21	22	22	23	23
Clear	Clear	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloud Cover	P Cloud	P Cloud	P Cloud	P Cloud	P Cloud
72	70	80	76	84	86	83	Max. RH (%)	73	62	47	47	39
30	30	25	31	32	32	42	Min. RH (%)	35	33	31	32	29
4.0	5.5	7.9	8.0	8.5	8.3	7.7	Wind Speed (km/hr)	11.0	9.5	10.3	7.1	6.6

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		Considering the forecast for the next five days, there is possibility of hot & dry weather in Nashik district. The sky will partial cloudy for next five days. Maximum Temperature staying in between 36-39 Degree Celsius & Minimum Temperature 21-23 Degree Celsius & the wind speed will remain between 7.1-11.0 kmph for the next five days.
Weather Alerts/ warning:		No warning
General Advisory		Harvesting of vine vegetables should be done on time. Summer, Chilli and Brinjal crops are likely to deflowering due to hot and high temperature during the flowering stage. To reduce the amount of deflowering in summer Chillies and Brinjal crops, spraying of fungicides and micronutrients should be done to increase fruit bearing. Harvest immediately the physiological matured vegetable (Cluster bean & Okra) crops. Fruit crops should be weeded if possible & Bordeaux paste should be applied to the trunks.
SMS		Considering increasing temperature, the dry fodder should be given to livestock at night or early morning. Also animals should not be taken out to graze in the sun, and they should be provided with clean, cool water.
Summer Pearl Millet (Summer Bajra)	Grain filling to maturity stage	Considering the increasing temperature, third irrigation should be given to the pearl millet crop which is in grain filling stage. During the summer season the growth of the crop is slow due to low temperature in the early stage of the crop i.e. from germination to tillering. As the crop takes longer to grow, summer pearl millets are harvested 10 to 15 days later than <i>Kharif</i> pearl millets. If the grain of pearl millet comes out from panicle when pressed by hand, and if a sound is heard after biting the grain under the teeth, then the crop should be considered ready for harvesting. The panicle of the stem should be cut with a sickle and collected and threshed after dried.
Summer Groundnut	Peg penetration to pod initiation stage / pod filling stage	Considering the increasing temperature, irrigation should be given to the Groundnut crop which is in pod filling stage. As the groundnut pods are in the ground, it is a bit difficult to identify their maturity. The maturity period varies with the type of groundnut. The groundnut crop is ready for harvesting when the leaves start turning yellow. Leaves begin to fall. If the shell of the pod becomes firm and the inside of the shell starts to look black, the groundnut pods should be dried and stored after harvesting the crop.
Kharif Paddy	Preparatory Tillage	Procured good quality improved varieties of paddy like Indrayani, Phule Samridhi, Bhogavati and Phule Radha. Preparatory Tillage work should be completed in areas with available soil moisture conditions. Because Proper preparatory tillage of the field is very important for proper growth of rice crop. Preparatory tillage alters the various soil layers and also controls weeds, pests and diseases to some extent. Application of organic fertilizers: 10 metric tons of farm yard manure per hectare at the time of ploughing or compost should be thoroughly mixed in the soil.
Kharif Finger millet	Preparatory Tillage	Improved Varieties: Phule Nachani, Dapoli-1, Dapoli Safed, Dapoli-2, Phule Kasari. Preparatory Tillage work should be completed in areas with available soil moisture conditions. A plowing of shallow soil with 25 to 30 cm. depth is done horizontally and undertake two harrowing. Five ton per ha of organic manure should be mixed while tillage before sowing.



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Kharif Pearl millet, Soybean Green gram, Black gram & Pigeon pea	Preparatory Tillage	Preparatory Tillage work should be completed in areas with available soil moisture conditions. For <i>kharif</i> Pearl millet, Soybean, Green gram, Black gram & Pigeon pea crops, deep plowing should be done before sowing, two rotation of harrow should be given and field waste should be picked. Also five tons of farm yard per hectare should be mixed in the field.
Grapes		The rising temperature will see the Mealy bug that was previously under the bark of the stock active at this time. Some of the young leaves will look like a bowl, and in some places the whole leaf will be rolled up. Such shoots do not grow and do not get thick. In increasing temperature, the incidence of this insect is more visible. So this pest should be brought under control by using recommended insecticides. Infected shoots may be removed.
Pomegranate		Special attention should be given to water management. Apply organic mulch. Do not undertake shoot cutting if possible. Fruits should be protected by paper bags and stem borers should be controlled.
Mango	Harvesting	To increase the size of mango fruits, in areas where there is one month remaining until harvest, spray a solution of 25 grams of Potassium Nitrate mixed in 10 liters of water. Considering heat weather forecast ripe mango fruit harvest in the morning at 10 am or after 4 pm and transport of fruits at night time. For the control of fruit fly on mango, guard traps containing methyl eugenol should be planted 8-10 traps per acres in the mango orchard.
Tomato		Viral diseases affecting tomatoes are spread by pests such as thrips and whiteflies. To control these pests, spray a solution of Profenophos or Dimethoate (15 ml per 10 liters of water) at weekly intervals. Diseased plants should be uprooted and destroyed. The summer tomato crop requires support; therefore, the trellis method should be adopted.
Animal Husbandry (Cow, buffalo)		In the first week of May, the animals should be given deworming medicine on the advice of the veterinarian and in the last week, they should be vaccinated with the combined preventive vaccines against FMD, Black quarter and Diphtheria. In case of heatstroke, the first thing to do is to keep the animal in a cool place. After that, tie a piece of gunny bag soaked in cold water between the two horns of the animal and ensure that it remains wet continuously. Give light digestible food mixed with jaggery. A lot of cold water should be given to drink and a veterinarian should be called immediately and the necessary medication should be given to the animal with their advice.
Goat		<u>Summer management:</u> The fat content of goats' diet can be kept at 3 to 5 percent. Fat content should not be more than 5 percent. Addition of fenugreek seeds 10 gm per day and good quality probiotics 2 gm per day in the diet of goats helps in proper growth of goats. It also increases the milk production of milch goats. As a supplement along with feed, young goats should be given electrolyte powder mixed with water. If dissolved in water, ions are formed and vitamins should be mixed with two teaspoons of water. So that the water in the body of young goats will not decrease in summer. Goats face rashes due to heat. For this, mix the seeds of sabja tulsi, also known as good tulsi, in water and give it to the goats during hotter afternoons.
Poultry		<u>Summer management</u> Fans should be used to keep the natural air circulating in the shed, so that the air movement inside the shed is increased and more heat inside is expelled. Similarly, it would be beneficial to use exhaust fans to remove the stale air created in the shed. Maintaining a balanced diet is essential to overcome heat stroke. Do not make sudden changes in chicken feed during hot summer days. It is essential to provide reliable, clean, cool and abundant water for chickens during summer. For this, the pot of drinking water in the shed should be increased by 35-50 percent during summer days. Due to excessive movement of chickens during hot summer days, their body heat may increase, causing heat stress. To avoid this, the poultry farmer and his worker should avoid going to the shed more often. If the shed is overcrowded, the bird density should be reduced.

Source:

- 1) Weather Forecast : Research Section, Mumbai
- 2) Last week weather summary : GKMS Observatory, ZARS, Igatpuri, Dist. Nashik.

Place : ZARS, Igatpuri

Date : 05.05.2026

Sd/-

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