



Akola District Agromet Advisory Bulletin No. : 52 / 2022-23

Day & Date : Friday 24.03.2023

Observed weather during last week (Dated 17 th March 2023 to 23 rd March 2023)							Weather Parameters	Weather Forecast (Valid for 25 th March To 29 th March 2023))				
17/03	18/03	19/03	20/03	21/03	22/03	23/03	Date	25/03	26/03	27/03	28/03	29/03
0.0	5.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	5.1	0	0	0
28.4	30.8	30.4	30.0	32.6	32.0	33.8	Tmax (°C)	35.4	35.1	35.2	35.8	35.7
14.2	15.2	13.2	13.0	16.8	16.8	15.2	Tmin (°C)	19.3	19.5	19.7	19.3	19.4
88	92	90	79	65	63	61	RH-I (%)	59	65	69	62	60
42	43	41	37	34	31	30	RH-II (%)	31	35	39	37	34
1.5	1.6	4.6	2.9	2.7	2.5	2.5	Wind Speed (km/hr)	3	7	4	3	4
SE	E	W	Calm	N	E	Calm	Wind Direction	314	307	308	324	271
Cloudy	Cloudy	Cloudy	Cloudy	Clear	Clear	Clear	Cloud cover	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy
Rainfall (mm) in last week				Rainfall (mm) from 01/06/2022 to till date			Rainy Days (No.) from 01/06/2022 to till date					
11.0				1175.2			54					

Crop	Stage	Weather Based Agro Advisory
Forecast	-	<ul style="list-style-type: none"> Today's forecast for the district indicates mainly dry weather during 24, 26 to 28 March and very light to light rainfall at isolated places during 25 March. Warning includes thunderstorms accompanied with lightning and gusty winds (Speed reaching 30-40 KMPH) at isolated places on 25 March.
Summer tillage	Harvest	<ul style="list-style-type: none"> Taking advantage of the available moisture in the soil due to recent & further forecasted rain spells, deep summer ploughing of harvested fields to expose the hibernating insects, larvae/pupa to sun and predator birds is advisable.
Summer Groundnut	Flowering/ Peg initiation	<ul style="list-style-type: none"> In summer groundnut need based irrigation may be undertaken judging soil moisture condition and local weather. Avoid over irrigation/water stagnation to prevent the incidence of root rot. Undertake need based inter-culture operation to loosen the surface soil and keep the crop weed free through initial 6 to 7 weeks, being critical period of crop-weed competition. Avoid intercultural operations during peg penetration stage. Undertake light earthing up at peg initiation stage for effective peg penetration.
Summer Sesame	Vegetative stage	<ul style="list-style-type: none"> In summer sesame need based irrigation may be undertaken judging soil moisture condition and local weather. Undertake need based hoeing and weeding to avoid weed competition.
Summer Sunflower	Vegetative stage/ buttoning	<ul style="list-style-type: none"> In summer sunflower need based irrigation may be undertaken judging soil moisture condition and local weather. Post emergence critical stages of irrigation include growing bud, flowering and seed development stages. Undertake need based inter-culture operation and keep the crop weed free up to 45 days, being critical period of crop-weed competition
Summer Green gram	Seedling / Vegetative	<ul style="list-style-type: none"> In earlier sown summer greengram need based irrigation may be undertaken judging soil moisture condition and local weather. In earlier sown summer greengram crop undertake need base hoeing and hand weeding.
Summer maize	Vegetative	<ul style="list-style-type: none"> Keep close watch on fall army worm, install light trap/pheromone trap in maize field for monitoring.
Wheat	Harvesting/ Maturity/	<ul style="list-style-type: none"> Judging prevailing local weather condition and under clear weather mature crop may be harvested immediately and keep harvested produce safely. For any possibility of sudden rainfall keep tarpaulin ready to cover harvested produce.
Fruit crops	-	<ul style="list-style-type: none"> Remove harvest ready fruits and keep at safe storage. Undertake need based irrigation judging soil moisture condition and local weather. For control of mango hoppers, thrips, mites and powdery mildew damage to mango inflorescence undertake spray of dinocap 10ml per 10 litres of water with gator pump. In citrus orchards, during March month under rise in maximum temperature drip irrigation should be given @ 12-53, 78-127, and 145-180 liters per day for trees 1-4, 5-7, 8 years old and above respectively. Follow double ring method of irrigation and irrigate orchard 7 to 10 days.
Vegetable	-	<ul style="list-style-type: none"> Undertake harvesting of matured/market ready vegetables to avoid quality damage in view of unseasonal rains. In growing summer vegetables undertake need based irrigation judging soil moisture condition and local weather. Cultivation of summer vegetables (okra, cluster bean, tinda, cowpea, cucumber, gourd) can be initiated during this period. Recommended varieties for cultivation of watermelon during this period include Asahi Yamato, Sugar baby, Arka Manik and Pusa bedana. Recommended muskmelon varieties are Pusa Sharbati, Pusa Madhuras, Hara Madhu. For summer okra planting use ridge and furrow layout with 45x30 cm spacing with seed rate of 10 to 15 kg/ha. Recommended varieties include Pragati, Arka Anamika, Pusa Makhmali, Parbhani Kranti and Phule Vibhakta Cultivation of cowpea (Pusa Rituraj, a bushy variety) for vegetable purpose (in 40-45 days) can be undertaken during this period. Other recommended varieties include Pusa Phalguni, Pusa Do-Fasali.
Livestock	-	<ul style="list-style-type: none"> Ensure protection of farm animals and keep them indoors during thunderstorm/lightning and gusty winds. Use DAMINI mobile app for getting accurate warnings of lightning. In sheep and goat preventive vaccination for Bulkandi disease (Rinderpest) is advisable In farm livestock preventive vaccination for foot and mouth disease (FMD) and preventive deworming for flat worms is advisable.

This Agro Advisory Bulletin (AAB) is prepared & published with the consultation and recommendation of SMS committee of "Gramin Krishi Mausam Sewa" (GKMS) Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola. 444005 (MS).

Nodal Officer
 Gramin Krishi Mausam Sewa (GKMS)
 Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola

Technical Officer
 Gramin Krishi Mausam Sewa (GKMS)
 Dr Panjabrao Deshmukh Krishi Vidyapeeth, Akola