



Wardha District Agromet Advisory Bulletin No. : 27 / 2024-25

Day & Date : Tuesday 01.10.2024

Weather Parameters	Weather Forecast (Valid for 01 st October 2024 To 05 th October 2024)				
Date	01/10	02/10	03/10	04/10	05/10
Rainfall (mm)	20.5	21.5	15.8	14.8	8.9
Tmax (°C)	31.2	33.5	34.5	34.6	34.7
Tmin (°C)	25.2	24.3	24.5	24.6	24.8
RH-I (%)	78	78	76	80	77
RH-II (%)	64	58	52	56	54
Wind Speed (km/hr)	19	13	18	19	17
PM Wind Direction	271	265	260	254	259
Cloud cover	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy

Crop	Stage	Weather Based Agro Advisory
Forecast	-	<ul style="list-style-type: none"> Today's forecast for the district indicates light to moderate rainfall very likely to occur at one to two places on 01-05 October. There will be no large change in maximum temperature for next five days over vidharbha region.
General	Branching	<ul style="list-style-type: none"> Follow safety measures and use protective aids while handling and spraying pesticides. Undertake inter culture (hoeing/weeding) during clear weather for management of weeds and improved soil aeration.
Cotton	Squaring/ Flowering/ Boll initiation	<ul style="list-style-type: none"> Undertake foliar spray of alpha NAA 4.5% SL@ 4 ml /10 litres of water to avoid natural shedding of squares and flowers of cotton. Foliar spray of 1% urea and 1% Magnesium sulphate in boll development stage is advisable to avoid reddening of cotton in later crop stage. For management of Myrothecium leaf spot/grey mildew/Corynespora leaf spot/anthracnose/external boll rot, it is advised to undertake foliar spray Carbendazim 50 WP @ 20 g or Kresoxim-methyl 44.3 SC @10 ml or Propiconazole 25 EC @10 ml in 10 litres of water. Keep close watch on male moths of pink bollworm in pheromone traps in cotton fields. With 8 to 10 adult moth observed in trap over 3 consecutive days, initiate spray of 5% NSKE OR Azadirachtin 300 ppm @ 100 ml OR Azadirachtin 1500 ppm @ 50 ml per 10 litres of water to manage the incidence of pink boll worm. Erection of bird perches @ 10/acre is also advisable. In cotton crop at flowering stage, monitor for presence of pink boll worm larvae within flowers. Collect and destroy rosette flowers/ buds. If infestation is more than 10% (ETL) spray of Profenofos 50% EC @ 30 ml OR chlorpyriphos 50% EC @ 20 ml per 10 litres of water is advisable. Use trichocard 3/acre as parasitoid to kill the pest in egg stage. In dry weather area initial incidence of aphids / jassids is observed, undertake foliar spray of Metarhizium anisopliae (CFU – 2 X 10⁸) @ 50 g OR Verticillium licanii (CFU – 2 X 10⁸) @ 50 g OR 5% neem extract OR azadirachtin 0.03% (300 ppm) @ 50 ml per 10 litres of water. To control above ETL infestation of aphids, jassids, thrips, white fly(10 aphids, 2-3 jassid,10 thrips10 whitefly per leaf), undertake spray of Imidacloprid 17.8% SL 2.5 ml OR Buprofezin 25% EC @ 20 ml OR Thiamethoxam 25 WG @ 2 gm per 10 litres of water.
Soybean	Pod maturity/ Harvesting	<ul style="list-style-type: none"> Undertake harvesting of timely sown matured soybean crop judging forecast and local clear weather condition particularly early duration varieties are ready to harvest, and ensure safe storage of harvested produce in order to minimize the yield losses due to shattering as well as quality deterioration due to rains. Keep tarpaulin ready to cover the harvested produce in the event of sudden rainy weather condition and ensure safe storage of harvested produce.
Pigeonpea	Branching	<ul style="list-style-type: none"> Need based weed management is advisable in kharif pigeonpea. In fields infested with weeds due to recent rains undertake hoeing/weeding to avoid weed competition Due to congenial weather wilting/blight symptoms are observed in kharif pigeonpea , for control undertake drenching with copper oxychloride 50%WP@25gm OR captan 75%WP @ 20 gm in 10 litres of water. For control of incidence of Phytophthora blight (stem rot or stem blight) observed in pigeonpea undertake spray of Fosetyl AL 80% WP@ 20 gm in 10 litres of water.
Sesame	Emergence	<ul style="list-style-type: none"> Need based weed management is advisable in sesame.
Sorghum	Grain filling	<ul style="list-style-type: none"> Keep the field boundary areas weed free as a precautionary measure to manage the incidence of grass hoppers in grain/forage sorghum crop.
Safflower	Sowing	<ul style="list-style-type: none"> Early sowing of rainfed safflower (Bhima, AKS-207, PKV-Pink, Nari-6) during last week of September to 1st week of October escapes the damage caused by aphid incidence, however, avoid sowing during moderate to heavy rain forecast period. Seed treatment with Azatobacter+ PSB (each 25 g / kg seed) and biofungicide Trichoderma @ 4 g per kg seed is advisable.
Linseed	Sowing	<ul style="list-style-type: none"> Sowing of rainfed linseed (PKV-NL-260) can be undertaken up to first fortnight of October. Seed treatment with Azatobacter + PSB (each 25 g / kg seed) and biofungicide Trichoderma @ 4 g per kg seed is advisable.
Chickpea	Sowing	<ul style="list-style-type: none"> Rainfed chickpea (Jaki 9218, PDKV Kanchan, Vijay) can be sown up to first fortnight of October. Seed treatment with Rhizobium + PSB (each 25 g / kg seed) and biofungicide Trichoderma @ 4 g per kg seed is advisable.
Maize	Grain filling	<ul style="list-style-type: none"> At silking stage for mild incidence of maize army worm use of insecticides may not be feasible instead undertake mechanical picking of egg larvae masses & its destruction regularly.
Fruit crops	Growth	<ul style="list-style-type: none"> Drain out excess water from orchards field. Withheld irrigation 15 days prior to harvest of Ambia bahar in mandarin orange. Make tree basins of fruit crops weedfree followed by recommended manuring/fertilization. For control of brown rot (fruit) in orange undertake spray of Fosetyl AL 80% WP@ 2.5g OR Copper oxychloride 50% WP @2.5 g OR Captan 75% WP @ 2.5 g per litre of water. To help prevent the disease from spreading, promptly remove and discard fruits that has fallen to the ground.
Vegetable	Growth	<ul style="list-style-type: none"> Undertake nursery sowing of tomato, brinjal, cabbage, cauliflower and sowing of spinach, fenugreek, radish, and carrot, dolichos bean and ivy gourd.
Livestock	-	<ul style="list-style-type: none"> Ensure protection of farm animals during thunderstorm/lightning. Ensure sufficient feed and medication for livestock to last through prevailing disruption. Vaccination of susceptible farm animals against foot-and-mouth disease (FMD) is advisable. Download DAMINI mobile app from mobile play store for use of accurate warnings of lightning.

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).

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