



**Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola**  
**Krishi Vigyan Kendra, Sonapur-Gadchiroli 442605**  
**District AgroMet Unit (DAMU)**

**E-mail :-** kvksonapur@gmail.com , damukvgadchiroli@gmail.com



**Agro-Met Advisory Bulletin For** **Date :10<sup>th</sup> September, 2024**

<b>Weather Parameters</b>	<b>Weather Forecast</b>				
<b>Date</b>	<b>10.09.2024</b>	<b>11.09.2024</b>	<b>12.09.2024</b>	<b>13.09.2024</b>	<b>14.09.2024</b>
<b>Rainfall (mm)</b>	74.3	39.9	18.8	14.9	13
<b>Maximum Temp. (Deg. C)</b>	29.6	31.1	31.1	31.2	31.1
<b>Minimum Temp. (Deg. C)</b>	22.7	22.6	22.9	22.8	22.7
<b>Maximum Relative Humidity(%)</b>	95	97	98	98	98
<b>Minimum Relative Humidity(%)</b>	71	77	81	82	77
<b>Wind Speed(Km/Hr)</b>	6	6	7	6	6
<b>Total Cloud Cover (Octa)</b>	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy

**Weather Forecast & Alert**  
 As per forecast received from Regional Meteorological center (RMC), Nagpur During next five days weather will be Partially to totally cloudy along with light to moderate rainfall likely to occur on dated 11th September 2024 at wide spread place and on dated 12<sup>th</sup> and 13th September 2024 fairly wide spread places and from dated 14th to 15th September 2024 Scattered places light to moderate rainfall likely to occur. **Warning** : On dated 11th September 2024 Thunderstorm accompanied with lightning very likely to occur at isolated places.

**General Advisory**  
 Farmers are advised to regular supervision of the rice field should be carried out for any incidence of pests or diseases.  
 > Early varieties : apply 03rd dose of Nitrogen 25 kg/ha (54 Kg Urea per hectore) & maintain optimum 7 - 10cm water level in the panicle initiation stage.  
 > Midlate & Late varieties : After weeding apply 2nd dose of Nitrogen 25 kg/ha (54 Kg Urea per hectore).  
 • > Maintain optimum water level of 2 to 3 cm in transplanted rice field at time of tillering stage.

**SMS Advisory**  
 For getting the Agro advisory download and register MEGHDOOT App on android mobile.

**Name of Crop**  
**Agro-Advisory to farmers**

**Soybean**  
 For control of pod blight in soybean, spray the crop with Tebuconazole 250 EC@ 1.25 ml / litre of water..For management of leaf eating caterpillar in soybean crop take a spray of Thiamethoxam 12.6 % + Lambda cyhalothrin 9.5 % @ 2.5 ml, Indoxacarb 15.8% @ 6.66ml or Chlorantraniliprole. Due to cloudy weather to manage pod borer initial incidence undertake foliar spray application of Indoxacarb 15.8 sc @7 ml per 10 liters of water or chlorantraniliprole 18.5 sc @ 3 ml per 10 liter of water. Spraying should be done during clam and clear weather.

**Paddy**  
 If infestation of Stem borer and Gall midge observed on the paddy crop Apply Quinalphos 5 % G @ 05 kg or Carbofuran 3% G or Fipronil 0.3 % G @ 25 kg or Phorate 10 % G @ 10 kg per hectare by maintaining water level 7 to 10 cm. Do not remove water from paddy bunds for 4 to 5 days. These pesticides should be used again after 30 days as required. For

	<p>spraying:- quinalphos @ 32 ml.or Trizophos @ 25 or Chlorpyrifos 50 EC @ 15 ml or Fipronil 5 % SC @ 20ml in 10 liter of water during clean weather</p> <p>&gt;Due to cloudy weather condition, humid Climate and increasing temperature favourable for Sheath blight on paddy Disease. during last week and also Prevailing weather condition are favourable for increasing the infestation of Sheath blight on paddy crop Farmers are advised to Spray Tebuconazole 25.9% EC @ 15 ml or Propiconazole 25% EC @ 10 ml or Hexaconazole 5 EC @ 20 ml or Carbandanzim 50% WP @10 gram by mixing in 10 liters of water during clean weather.</p>
<b>Cotton</b>	<p>Farmers are advised to suppress the boll worms population periodically by destructing rosette flowers, dropped squares. If infestation found above than ETL, undertake a spray of Quinolphos 25 % AF @ 25 ml OR Chlorpyrifos 20 % @ 25 ml per 10 liter of water. if incidence of sucking pests (Aphids, Jassid, White fly and Thrips) is noticed and if crossing ETL, spray Buprofezin 25 SC @20ml or Flonicamid 50 WG @ 4gm/10 lit of water for management of sucking pests. Spraying should be done when sky remains clear and existing calm weather</p>
<b>Pigeonpea</b>	<p>Due to cloudy weather condition, initial incidence of leaf eating caterpillar under take Spray of Nimboli Arc of 5 % per 10 lit of water. Installation of bird perches is advisable at different locations in pigeonpea field which facilitate seating arrangement for predatory bird which feed on leaf eating caterpillars. Spraying should be done during clam and clear weather.</p>
<b>Chili</b>	<p>For avoiding flower drop in chili, apply Planofix 5 ml/9 liter of water, 50 to 70 days after planting. Due to present weather condition for control of sap sucking pest on Chili crops, spray 5 % Neem ark or imidacloprid 17.8 SL 5 ml per 10 lit. of water. Due to present weather condition the Leaf curl viral disease may spread due to Thrips and White fly on Chilli for its control use yellow sticky traps for white fly and blue sticky traps for thrips. For the management of white fly, spray Dimethoate (30 EC) 15 ml or Difenthiuron (50 WP) 12 gm or Fenpropathrin (30 EC) 5 ml with 10 liters of water when there is no rain. For the management of thrips, spray Fipronil (5 EC) 15 ml or Spinosad (45 EC) 4 ml with 10 liters of water.</p>
<b>Tomato</b>	<p>In the view of present cloudy weather condition if tomato leaf blight was noticed, spraying should be taken of Mancozeb 75 WP 25 gms or Copper oxychloride 50 WP 25 gms mix with in 10 liters of water. For control of thrips and white fly on tomato crop, spraying should be taken of Thimethoxam 25% WG 4 gm or Dimethoate 30% EC in 10 ml per 10 liters of water. For management of tomato fruit borer spraying should be taken quinalphos 25 EC 20 ml in 10 litre of water.</p>
<b>Vigetable</b>	<p>Install 'Rakshak' trap @ one trap per 25 R area in cucurbitaceous crop at the time of flowering for effective control of fruit fly Due to cloudy weather condition, there is possibility of incidence of powdery mildew disease on cucumber, snake gourd, bitter gourd, ridge gourd, bottle gourd, pumpkin cucurbitaceous vegetable crops, if incidence is noticed spray Carbendazim @ 5 gm or Zineb @ 20 gms per 10 liters of water During clear weather condition.</p>
<b>Livestock</b>	<p>Milking cattles to be provided with green forage with 1% mineral mixture and add as per require salt.Milch animals for diseases be considered and they be dewormed and vaccinated. Vaccination against Haemorrhagic Septecemia (H.S) Foot &amp; mouth disease (FMD) and Black quarter (BQ). Care should be taken to avoid water stagnation around the cattle shed and also, avoid wetness inside the cattle shed.</p>
<b>General</b>	<p>Farmers should take care of thunder and lightning in the sky: If you are working in the field, take shelter immediately near the field. After taking shelter in a safe place in the field, keep dry wood, plastic, gonapath, dry mulch under the feet. Sit with both feet together and both hands on your knees. Make sure that no part of your body touches the ground except your feet. Individuals working in ponds, such as places where there is moisture in the soil or water sources, should go to a safe and dry place immediately. If there are tall trees nearby, take shelter at a distance twice the height of that tree.</p>

**This Agro-Advisory Bulletin was prepared and disseminated on the recommendation of the expert committee at District AgroMet Unit (DAMU), Krish Vigyan Kendra, Sonapur-Gadchiroli**

**Senior scientist and Head,Nodal Officer (DAMU),  
Krishi Vigyan Kendra, Sonapur-Gadchiroli**