



# राष्ट्रीय कृषि मौसम परामर्श सेवा बुलेटिन *National Agromet Advisory Service Bulletin*

शुक्रवार, दि. 10<sup>th</sup> अप्रैल 2026

(अवधि: 10<sup>th</sup> अप्रैल से 14<sup>th</sup> अप्रैल 2026)

Friday, 10<sup>th</sup> April 2026

(For the period 10<sup>th</sup> April to 14<sup>th</sup> April, 2026)



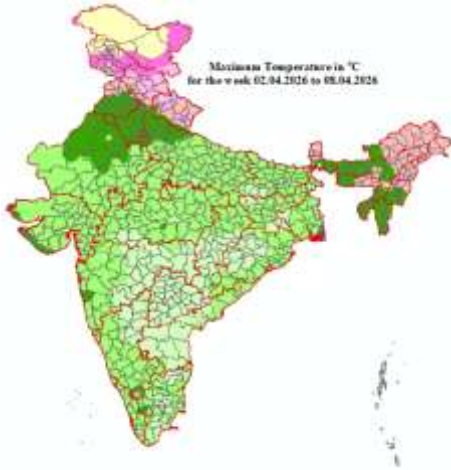
कृषि मौसम विज्ञान प्रभाग,  
भारत मौसम विज्ञान विभाग, पुणे  
द्वारा जारी

*Issued by  
Agricultural Meteorology Division,  
India Meteorological Department, Pune.*



**Spatial distribution of weather parameters for the week 02.04.2026 to 08.04.2026**

**Mean Maximum Temperature (°C) for the week  
02.04.2026 to 08.04.2026**



No Data -4 0 4 8 12 16 20 24 28 32 36 40 44 >44

**Mean Minimum Temperature (°C) for the week  
02.04.2026 to 08.04.2026**



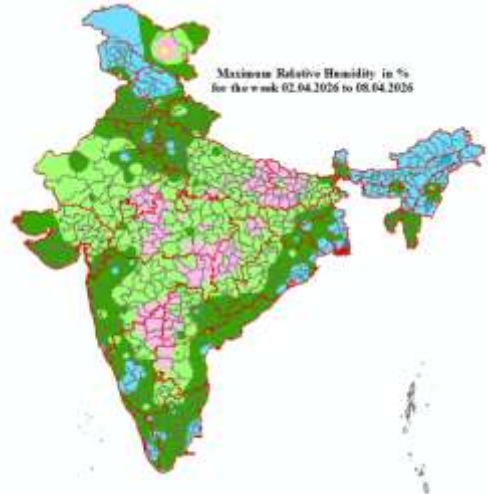
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**Mean Diurnal Temperature Variation (°C) for the week  
02.04.2026 to 08.04.2026**



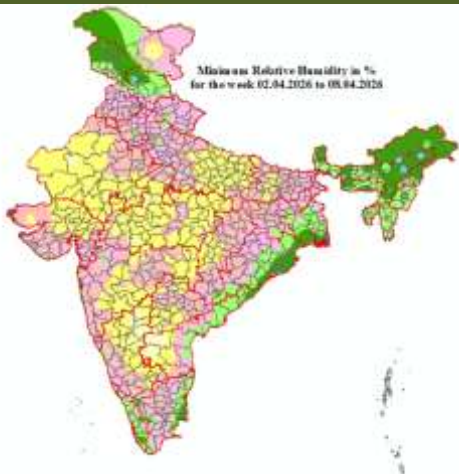
No Data -4 0 4 8 12 16 20 24 28 32 36 40 44 >44

**Mean Maximum Relative Humidity (%) for the week  
02.04.2026 to 08.04.2026**



0 10 20 30 40 50 60 70 80 90 100

**Mean Minimum Relative Humidity (%) for the week  
02.04.2026 to 08.04.2026**



0 10 20 30 40 50 60 70 80 90 100

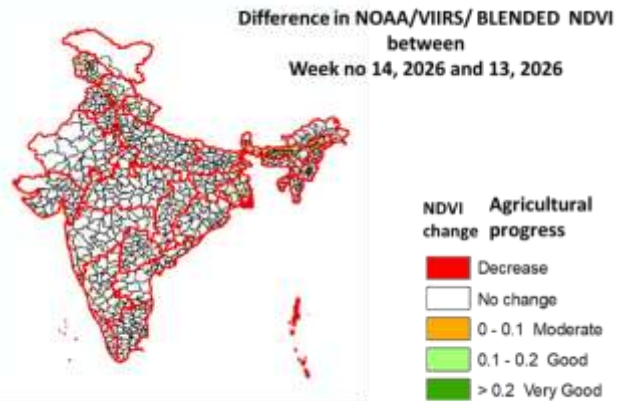
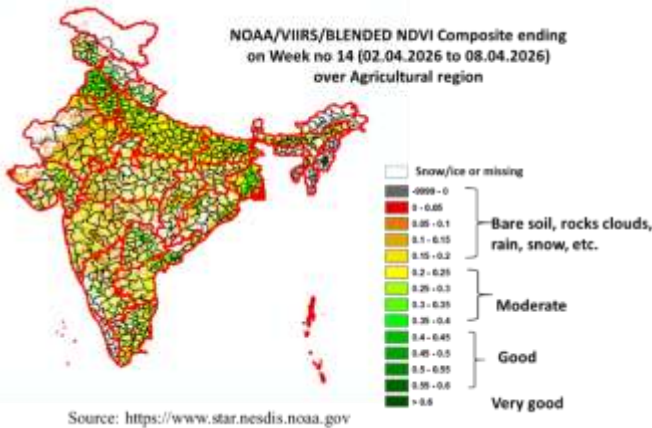
**Mean Cloud Cover (okta) for the week  
02.04.2026 to 08.04.2026**



No Data 1 2 3 4 5 6 7 8

**NOAA/VIIRS/BLENDED NDVI composite for the week number 14 (02.04.2026 to 08.04.2026) over Agricultural regions of India**

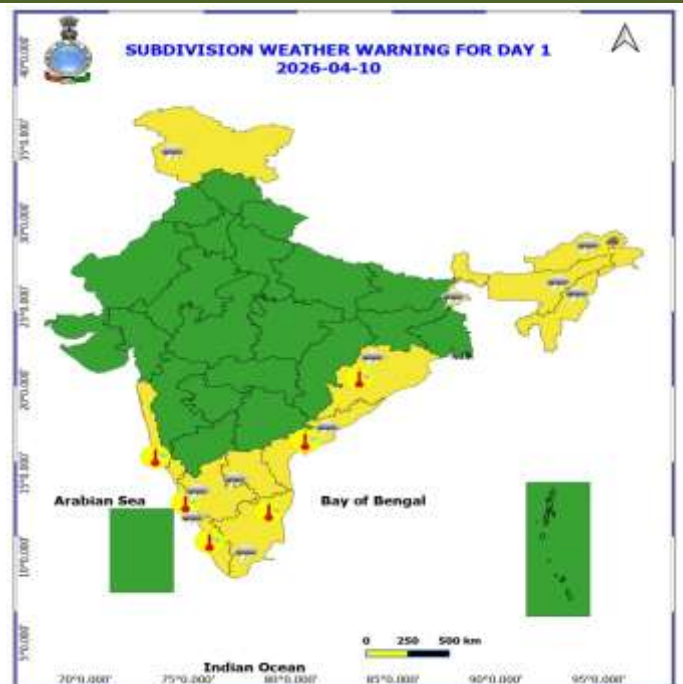
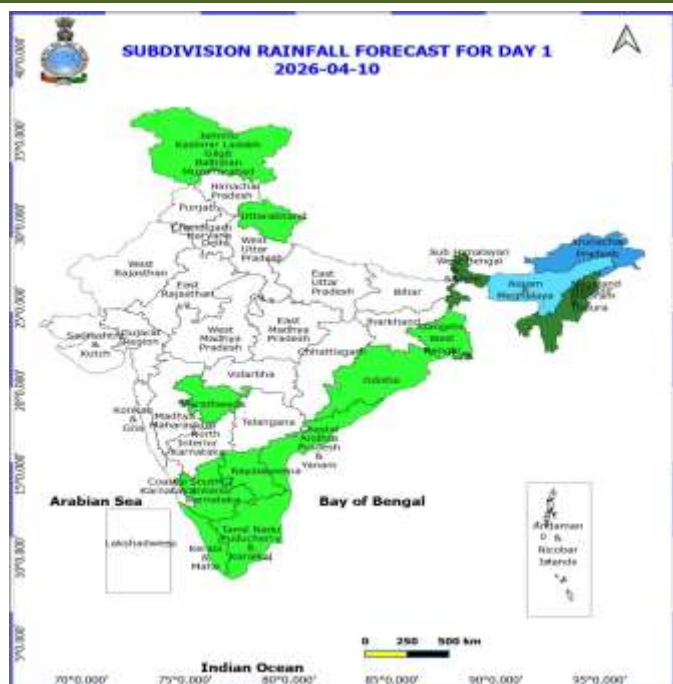
**Difference in NOAA/VIIRS/BLENDED NDVI between week number 14, 2026 and 13, 2026**



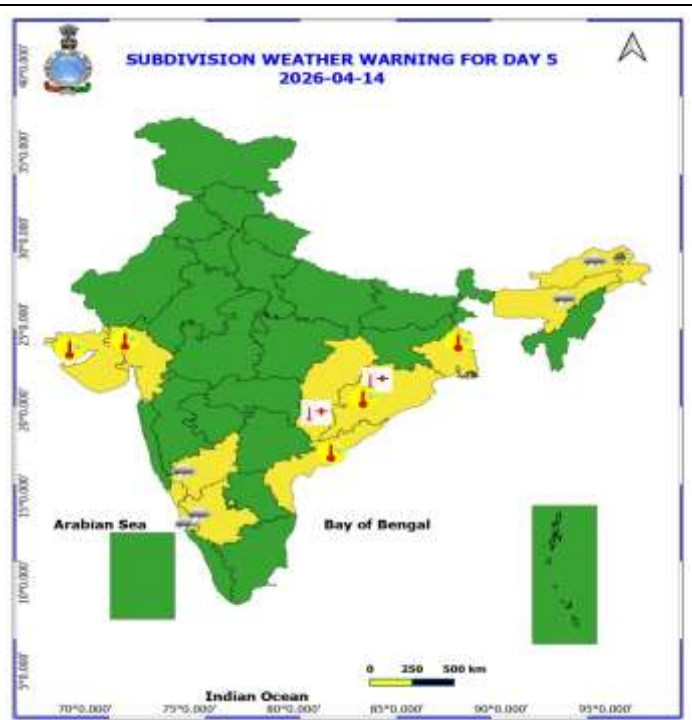
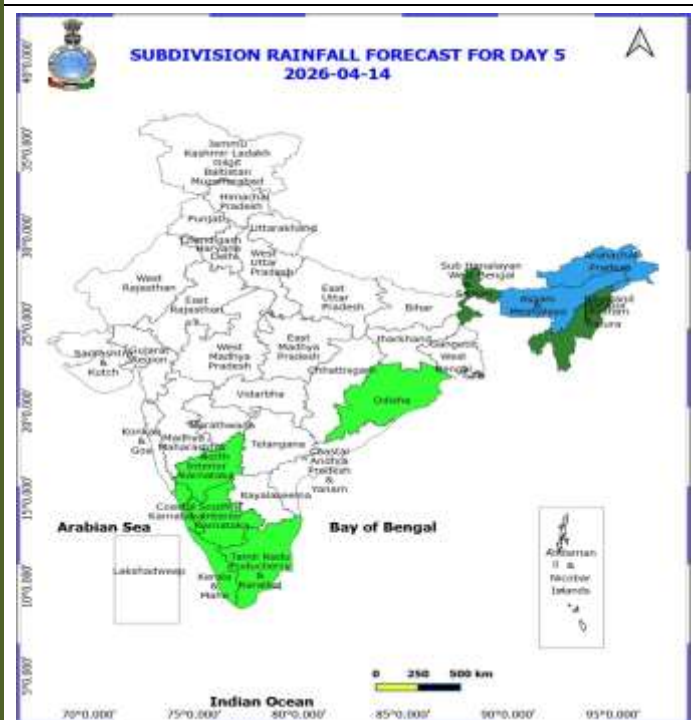
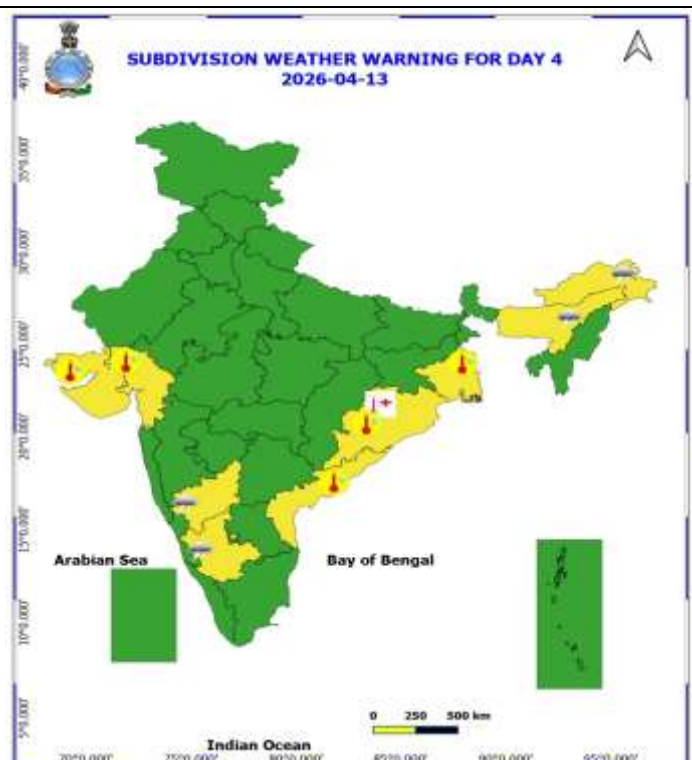
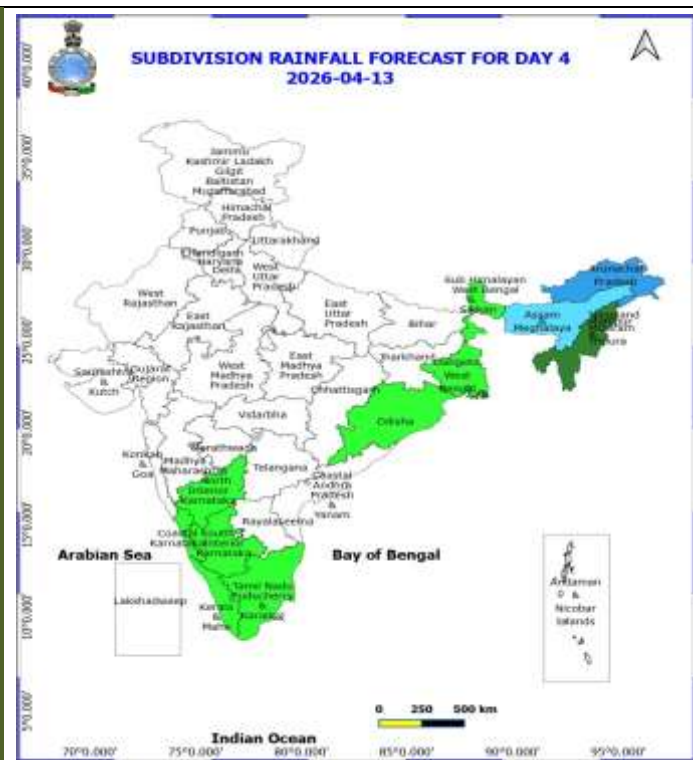
Agricultural vigour was good at few places of Gangetic West Bengal and at isolated places of Punjab, Himachal Pradesh, Jammu Division, Uttarakhand, Sub Himlayan West Bengal, interior districts of Odisha, North Coastal Andhra Pradesh, South Telangana, South Interior Karnataka and Coastal Karnataka.

Difference in agricultural vigour was moderate at many places of Assam, West Bengal and Jammu & Kashmir.

**Sub-Divisionwise Rainfall Forecast and weather warning for next 5 days**







Legend	Category	% Stations
WS	Widespread/Most Places	76-100
FWS	Fairly Widespread/Many Places	51-75
SCT	Scattered/ A Few Places	26-50
ISOL	Isolated Places	1-25
DRY	No Rain	0

No heavy Rainfall	Heavy Rainfall / Snowfall
Heavy	
Very heavy	
Exceptionally Heavy	Thunderstorm / Squall / Hailstorm
No TS	
Light TS	
Moderate TS	
Severe TS / Very Severe TS / Hailstorm	

### Weather Warning during next 5 days

#### 10 April (Day 1)

- ❖ Heavy Rainfall very likely at isolated places over Arunachal Pradesh.
- ❖ Thunderstorm accompanied with lightning & gusty winds(40-50kmph) very likely at isolated places over

Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.

- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh, Assam & Meghalaya, Odisha and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, South Interior Karnataka and Tamil Nadu Puducherry & Karaikal.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Kerala & Mahe, Konkan & Goa, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ Squally weather with wind speed 40 – 50 kmph gusting to 60 kmph likely to prevail over South Andaman Sea.

#### 11 April (Day 2)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Assam & Meghalaya, Himachal Pradesh, Rayalaseema and Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh, Coastal Andhra Pradesh, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura and South Interior Karnataka.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Kerala & Mahe, Konkan & Goa, Odisha and Tamil Nadu Puducherry & Karaikal.
- ❖ **No Fishermen Warning**

#### 12 April (Day 3)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Sub Himalayan West Bengal & Sikkim.
- ❖ **Thunderstorm accompanied with Lightning** very likely at isolated places over Arunachal Pradesh and South Interior Karnataka.
- ❖ **Hot and Humid weather** very likely at isolated places over Coastal Andhra Pradesh, Coastal Karnataka, Gujarat State, Odisha and Tamil Nadu Puducherry & Karaikal.

**No Fishermen Warning**

#### 13 April (Day 4)

- ❖ **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** likely at isolated places over Assam & Meghalaya.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Interior Karnataka.
- ❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh.
- ❖ **Heat Wave conditions** likely at isolated places over Odisha.
- ❖ **Hot and Humid weather** likely at isolated places over Coastal Andhra Pradesh, Gangetic West Bengal, Gujarat State and Odisha.
- ❖ **No Fishermen Warning**

#### 14 April (Day 5)

- ❖ **Heavy Rainfall** likely at isolated places over Arunachal Pradesh.
- ❖ **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over

Assam & Meghalaya and Interior Karnataka.

❖ **Thunderstorm accompanied with Lightning** likely at isolated places over Arunachal Pradesh and Coastal Karnataka.

❖ **Heat Wave conditions** likely at isolated places over Chhattisgarh and Odisha.

❖ **Hot and Humid weather** likely at isolated places over Coastal Andhra Pradesh, Gangetic West Bengal, Gujarat State and Odisha.

❖ **No Fishermen Warning**

### Warning for Fishermen

➤ As **Squally weather with wind speed 40 – 50 kmph gusting to 60 kmph** likely to prevail over South Andaman Sea during next 24 hours, **fishermen are advised not to venture into these areas.**

### Salient Advisories

➤ As **rain/thundershowers at many/most places** likely over Arunachal Pradesh during next 5 days, over Assam & Meghalaya on 10<sup>th</sup>, 13<sup>th</sup> & 14<sup>th</sup> and **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh on 10<sup>th</sup> & 14<sup>th</sup> April, 2026, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid waterlogging.

- **Arunachal Pradesh**– Postpone fresh sowing of summer *Jhum* rice, maize and vegetables. In already sown fields, ensure proper drainage to prevent water stagnation and apply mulching around crops and trees to protect soil moisture and reduce damage. Avoid harvesting of mustard and potato and application of fertilizers or insecticides during this period. However, if harvesting becomes unavoidable to prevent losses from intense rainfall, harvest the crop carefully and store it in a properly covered shelters with adequate ventilation for drying. Keep the harvested bundles on a raised platform in a well-spaced manner to ensure uniform and effective drying. Also, maintain proper drainage in the fields to avoid water stagnation and further crop damage.

➤ As **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during next 48 hours, over Assam & Meghalaya on 12<sup>th</sup> & 13<sup>th</sup>, **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh and Odisha during next 24 hours, over Sub Himalayan West Bengal & Sikkim during next 48 hours, over Assam & Meghalaya on 10<sup>th</sup>, 11<sup>th</sup> & 14<sup>th</sup>, over Himachal Pradesh and Rayalaseema on 11<sup>th</sup>, over Interior Karnataka on 13<sup>th</sup> & 14<sup>th</sup> April, 2026, provide mechanical support to banana & papaya plantations and staking to young plants and vegetables. Undertake propping in sugarcane.

➤ As **Heat Wave conditions** likely at isolated places over Odisha on 13<sup>th</sup> & 14<sup>th</sup>, over Chhattisgarh on 14<sup>th</sup> April, 2026, apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures. Keep animals in shade and provide plenty of clean and cool water to drink.

➤ Sowing/Transplanting/Harvesting

- nursery sowing of cabbage & cauliflower; sowing of French beans, cucumber, bitter gourd & bottle gourd in Himachal Pradesh
- harvesting of matured chickpea, lentil & wheat; sowing of French beans, cucumber, bitter gourd & bottle gourd and transplanting of tomato, capsicum & brinjal in Uttarakhand
- harvesting of matured wheat, rapeseed, mustard & tomato; sowing of summer moong, mash, Bt /desi cotton and planting of sugarcane in Punjab
- harvesting of matured wheat; sowing of green gram in Delhi
- harvesting of matured wheat, chickpea, field pea, lentil, mustard, linseed & potato; sowing of hybrid maize, black gram, green gram & ladyfinger; transplanting of tomato, brinjal & chilli and planting of

spring sugarcane in Uttar Pradesh

- harvesting of matured mustard, wheat, fenugreek, mustard, barley & chickpea; sowing of summer moong, okra, watermelon, muskmelon, *tinda* & cucumber in Rajasthan
- harvesting of matured chickpea, wheat, chilli & tomato; sowing of okra, cluster beans & cow pea in Gujarat
- harvesting of matured wheat; sowing of green gram, black gram & elephant foot yam in Bihar
- harvesting of matured pulses & oil seeds; sowing of maize, beans, pumpkin, bottle gourd & pointed gourd in Odisha
- nursery sowing of *Ahu* rice; sowing of *Bau* rice, maize & *Oiltorius* jute and planting of turmeric, ginger, sugarcane & banana in Assam
- harvesting of matured garlic & onion; sowing of maize and planting of sugarcane in Mizoram
- harvesting of matured linseed; transplanting Naga king chilli in Nagaland
- harvesting of matured wheat; sowing of summer *moong*, *urad*, cowpea and maize in Madhya Pradesh
- harvesting of matured wheat, chickpea, mustard & *rabi* maize; sowing of summer maize & green gram and transplanting of brinjal, ridge gourd & bottle gourd in Chhattisgarh
- harvesting of matured maize & sorghum in Andhra Pradesh
- harvesting of matured *rabi* sorghum, safflower & wheat; sowing of black gram, green gram & beans in Karnataka
- harvesting of matured onion, grapes, turmeric, groundnut, mango & melons in Maharashtra

➤ Pest and Disease

- In Kerala, spray Tebuconazole 50% + Trifloxystrobin 25% WG @ 4g /10 litres of water to control sheath blight & blast disease in rice.
- In Madhya Pradesh, spray Imidacloprid @ 5-7 ml in 15 litres of water during clear weather to manage sucking pests in 15-20 days old green gram & black gram.
- In Gujarat, spray 5% neem seed extract @ 500 ml or neem seed oil @ 50 ml with Profenophos @ 20 ml & Diafenthuron @ 15g per 10 litres of water if incidence of white fly is observed above ETL in green gram and black gram.
- In Bihar, spray Lambda cyhalothrin @ 1.5ml/litre of water if fall armyworm incidence is noticed in maize.
- In Assam, spray Imidacloprid 70WG @ 0.3g per litre of water during clear weather to control stem borer incidence in Boro rice.

## *Detailed Agromet Advisories*

### **SOUTH INDIA [TAMIL NADU, TELANGANA, ANDHRA PRADESH, KARNATAKA, KERALA]**

**Realised Rainfall:** Significant rainfall occurred in Idukki, Pathanamthitta districts of Kerala; in Ariyalur, Coimbatore, Perambalur, Ramanathapuram, Sivaganga, Theni, Trichy districts of Tamilnadu; in Anakapalle, B R Ambedkar Konaseema, Srikakulam and Vizainagaram districts of Coastal Andhra Pradesh. Mainly dry weather prevailed over rest of the region.

**Advisories:**

- As **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Andhra Pradesh during next 24 hours, over Rayalaseema on 11<sup>th</sup>, over Interior Karnataka on 13<sup>th</sup> & 14<sup>th</sup> April, 2026, provide mechanical support to banana & papaya plantations and staking to young plants and vegetables. Undertake propping in sugarcane.

**Tamil Nadu**

- In North Eastern Zone, to control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha or drench with *Bacillus subtilis* @ 5ml/litre.

- In Western Zone, provide adequate support to five months or above old banana against lodging due to squally wind. Apply *Trichoderma viride* @ 2.5kg/ha & FYM 300kg to control wilt disease.
- In Southern Zone, due to prevailing weather condition the incense of Serpentine leaf miner in tomato. Collect and destroy mined leaves and spray NSKE 500 ml. Fertilizer application and spraying activities should be carried out, only on non-rainy days.
- In Coastal Zone, for groundnut, undertake foliar spray of TNAU Groundnut Rich @ 5 kg/ha in 500 litres of water at peak flowering (35 DAS) and pod development stages (45 DAS).
- In South Zone, undertake harvesting of paddy. The prevailing weather condition is conducive for incidence of citrus canker disease in citrus, spray of Copper Oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocycline 100 ppm + COC @ 0.3 % at monthly intervals after pruning. Spraying is advised based on local weather condition.
- In High Rainfall Zone, one-year-old seedlings of cinnamon may be transplanted under partial shade. Use transparent polythene sleeves with 4% vent to cover the bunches of banana to increase the quality.

### **Kerala**

- In High Altitude Zone, undertake land preparation for ginger cultivation. Crops like ginger, turmeric vegetables etc. can be cultivated as an intercrop in irrigated coconut gardens. Stem bleeding may become more severe in coconut. Irrigate the coconut palms and provide shade to the young palms
- In Problem Area Zone, weather is congenial for sucking pests like thrips in banana causes viral diseases like banana bunchy top disease, kokkan etc. Apply Dimethoate 30 EC or Carbosulfan 6G @ 20g.
- In Central Zone, during the hot weather, there is a chance of sheath blight & blast disease in rice, spray Nativo @ 4g /10 litres of water.
- In Southern Zone, undertake planting of tapioca. During April - May, the farmers who are planning for paddy cultivation during Kharif season should sow green manure crops like Dhaincha and cowpea in the field and later on incorporate the same in the field for enhancing the organic matter content in the soil and also for weed control.

### **Andhra Pradesh**

- In North Coastal Zone, due to prevailing dry weather conditions maintain 5 cm water in rice which is at grain filling stage. Undertake mulching in sugarcane using sugarcane trash which had nutrient value.
- In High Altitude Tribal Zone, stem borer and leaf folder incidence may increase under warm and humid conditions in rice; install pheromone traps for monitoring and take up spraying only if it crosses ETL.
- In Scarce Rainfall Zone, spray Planofix @1 ml per 4.5 litres of water to reduce fruit drop in mango. As the temperatures are increasing, provide irrigations frequently based on soil condition at 8 to 10 days interval in maize.
- In Krishna Godavari Zone, for better grain setting in rice, foliar spray of 2% DAP or 1% 19:19:19 NPK is recommended. Undertake harvesting of maize and sorghum when moisture content of 25-30%. Cobs should be dried in sunlight for 2-3 days and, once the moisture content reduces to around 15%, they should be threshed using threshing machines and further dried.
- In Southern Zone, irrigation should be given 2 times in a fortnight. This will help in increasing the fruit size and prevents the fruit fall. The present weather conditions are highly favorable for occurrence of fruit fly in mango orchards. To control erect pheromone traps or IIHR traps @ 8-10/acre at 3-6 feet from ground level.

### **Telangana**

- In Northern Telangana, as the day temperatures are rising, provide irrigation to the mango orchards once for every 1week interval and once for every 3-4 days interval to vegetable crops. Prevailing dry weather conditions are favourable for capsule borer incidence in sesame crop, if noticed, spray Profenophos @ 2ml per litre of water.
- In Southern Telangana, dig the pits for planting of orchards and expose the pits to the sunlight it destroys the pest and disease inoculums present in the soil. To control fruit fly (frequently) in mango orchards at fruit development stage to ripening stage, maintain clean orchards, collect and destroy the affected fruits. Spray

10000 PPM Neem based oil. Arrange 6 fruit fly traps per acre, (Malathion 2 ml + Methyl Eugenol 2 ml per litre of water) 200 ml in each plastic container and nailed to the tree branches.

### **Karnataka**

- In Coastal Zone, undertake sowing of green manuring crops in horticultural crops such as dhaincha, sunhemp or cowpea at least around palms or around root zone (areca nut, cashew and coconut) which will acts as mulching in order to conserve soil moisture and which will add fertility to soil. Undertake sowing of green fodder crops like berseem, lucerne etc. In paddy fallows, carryout sowing of dicot crops like black gram, green gram, beans and green manure seeds in the residual moisture. As the temperature is high, irrigate palm @ 20 litres/day/palm; also practice mulching in areca nut and coconut.
- In Hill Zone, irrigate arecanut crop. to control mites in arecanut, spray Hexythiozox @ 1.5ml or Dicofol 18.5 EC @ 2ml or Wettable sulphur @ 3g/litre of water.
- In North Dry Zone, harvest *rabi* sorghum, safflower and wheat; cover with polythene sheets and store them in safe place. Produce should be sundried before bagging or storing. Protect nursery plants and taller plants by securing them with ropes.
- In North East Dry Zone, irrigate the field with available water facility. provide protective irrigation at tillering stage of paddy. In tomato if fruit borer is noticed, spray Thiodicarb 75 WP or Emamectin benzoate 5 SG @ 1g per litre of water.
- In North East Transition Zone, undertake harvesting of sorghum. Due to increasing temperature, provide protective irrigation to the standing crops such as sugarcane, sesame, green gram, black gram, watermelon, and cucumber crops respectively.
- In Eastern Dry Zone, dry the cow pea, field bean pods in clean tarpaulins until grain moisture reaches about 15% and store in airtight containers or HDPE bags. Apply neem leaves/neem powder in grain bags as a natural repellent. To control thrips in chilli, use Fipronil @ 1g or Neem oil @ 3ml per litre of water. Continue irrigation in tomato at regular intervals. Monitor for mites and fruit borer incidence under dry conditions.
- In Southern Dry Zone, provide light irrigation to fruit crops, vegetables, and nurseries to avoid moisture stress. Mulching is advised to conserve soil moisture and maintain soil temperature.

### **Animal Husbandry**

- In North Western Zone of Tamil Nadu, due to very high and prolonged day temperatures, feed the cattle and small ruminants with sufficient quantities of concentrates and green fodder for the maintenance of body weight and milk production.

## **NORTHEAST INDIA [ARUNACHAL PRADESH, ASSAM & MEGHALAYA, NMM&T]**

**Realized rainfall:** Significant rainfall occurred over Anjaw, Changlang, East Kameng, East Siang, Lohit, Lower Subansari, Papumpare, Tawang, Tirap, Upper Siang, Upper Subansari & West Siang districts of Arunachal Pradesh; over Baksa, Barpeta, Bongaigaon, Cachar, Chirang, Dhemaji, Dhubri, Dibrugarh, Goalpara, Golaghat, Hailakandi, Jorhat, Kamrup (Rural), Karbi Anglong, Kokrajhar, Lakhimpur, Nalbari, Sonitpur, Sibsagar, Tinsukia & Udalgiri districts of Assam; over East Garo Hills, East Khasi Hills, Ri-bhoi, South West Khasi Hills & West Khasi Hills districts of Meghalaya; over Aizwal, Kolasib & Serchhip districts of Mizoram; over Imphal East, Senapati, Tamenglong & Ukhrul district of Manipur; over Dimapur, Kohima & Mokokchung districts of Nagaland and over Khowai, Unakoti, North Tripura & South Tripura districts of Tripura.

### **Advisories:**

- As **rain/thundershowers at many/most places** likely over Arunachal Pradesh during next 5 days, over Assam & Meghalaya on 10<sup>th</sup>, 13<sup>th</sup> & 14<sup>th</sup> and **Heavy Rainfall** very likely at isolated places over Arunachal Pradesh on 10<sup>th</sup> & 14<sup>th</sup> April, 2026, postpone irrigation, intercultural operations and application of plant protection measures & fertilizers to the standing crops. Provide adequate drainage in standing crop fields to avoid waterlogging.
- As **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Assam & Meghalaya on 12<sup>th</sup> & 13<sup>th</sup>; **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Assam & Meghalaya on 10<sup>th</sup>, 11<sup>th</sup> & 14<sup>th</sup> April, 2026, provide

mechanical support to banana & papaya plantations and staking to young plants and vegetables. Undertake propping in sugarcane.

### **Arunachal Pradesh**

- Due to continuous rainfall in the previous week and the possibility of light to moderate rain in the coming days, postpone fresh sowing of summer *Jhum* rice, maize and vegetables. In already sown fields, ensure proper drainage to prevent water stagnation and apply mulching around crops and trees to protect soil moisture and reduce damage. Avoid harvesting of mustard, potato and the application of fertilizers or insecticides during this period. However, if harvesting becomes unavoidable to prevent losses from intense rainfall, harvest the crop carefully and store it in a properly covered shelter with adequate ventilation for drying. Keep the harvested bundles on a raised platform in a well-spaced manner to ensure uniform and effective drying. Also, maintain proper drainage in the field to avoid water stagnation and further crop damage.

### **Assam**

- In Hill Zone, continue land preparation and seed collection for sowing of green gram & black gram and planting of turmeric during clear weather. Provide support to the maize crop to protect the crop from falling off as heavy rain with strong surface winds predicted. Also advice to make proper drainage arrangements for removing excess rain water from the crop field. Due to increased temperature and high humidity favours attack of stem borer in *Boro* rice. If eggs of the pests are noticed, apply Darsban or Monocrotophos @ 2 tea spoonful per 5 litres of water in the field only in clear weather condition only.
- In Lower Brahmaputra Valley Zone, undertake field preparation/ sowing *Capsularis* jute. Maintain 5±2 cm standing water in the field of *Boro* rice. During panicle initiation stage of rice, there is chance of attack of sheath blight disease. If observed, spray Hexaconazole @ 2ml/litre, one at appearance, another 10 days after the first spray in fair weather condition only.
- In Upper Brahmaputra Valley Zone, undertake planting of papaya and nursery raising of the cuttings (stem/leaf-bud/air layering) of Assam lemon. Complete the nursery sowing of recommended semi-dwarf *Ahu* rice varieties. Areas having assured irrigation facilities should be selected for cultivation of transplanted normal *Ahu* rice. Since there are no possibilities of getting heavy rainfall in the coming 5 days, spray Imidacloprid 70WG (@ 0.3g per litre of water to control stem borer infestation in *Boro* rice crop. Spray Fipronil 5SC @ 1.5-2 ml per litre of water against the infestation of ear cutting caterpillar.
- In Barak Valley Zone, due to ongoing heavy rainfall and strong surface winds, along with the forecast of continued moderate rainfall, a waterlogging situation has been observed in early *Ahu* rice fields during tillering stage, immediate remove excess water. After the water recedes, gap filling is advised to maintain uniform plant population and ensure better yield. Withhold the planting of banana suckers. Provide bamboo support to the mother plants to protect them from damage caused by strong winds.
- In Central Brahmaputra Valley Zone, undertake sowing of *Oiltorius* jute and planting of ginger and turmeric. Continue sowing of maize. In *Capsularis* jute thinning of the plants should be done 3-4 weeks after emergence.
- In North Bank Plain Zone, continue main field preparation for transplanting of *Ahu* rice. Continue nursery sowing of transplanted early *Ahu* rice in fair weather condition. Continue nursery bed preparation and sowing of *Bau* rice in flood affected low lying areas in fair weather condition. Carry out planting of turmeric, ginger, sugarcane and banana.

### **Meghalaya**

- Postpone sowing of carrot, okra, French bean and planting of ginger. Provide proper drainage systems around the summer crops/ vegetable fields to drain out standing water. Use plastic mulch or organic mulch (straw, dry leaves) to conserve soil moisture and to control weeds. Provide staking/Bamboo support to prevent lodging due to rain and wind. Ensure that tomato plants are properly supported with stakes, cages, or trellises to avoid damage from wind, which often accompanies rain.

### **Manipur**

- Undertake seed collection and land preparation for sowing of soybean/ groundnut. Maintain 5-8 cm water level during early vegetative stage pre-*kharif* rice. Harvest mature onion crop. Avoid rain water stagnation for long period in crop field.

#### **Mizoram**

- Undertake planting of sugarcane and sowing of maize. Undertake harvesting of mature cloves of garlic and bulb of onion and keep in shade to reduce the moisture percentage of the cloves. Preferably bunches of cloves should be hanged from ceiling to protect it from moisture.

#### **Nagaland**

- Undertake transplanting Naga king chilli in the main field. Undertake harvesting of linseed. After harvesting keep the harvested produce in safe, dry locations. In the prevailing weather, monitor for sucking pests, leaf miners and aphids on brinjal crop as they thrive after rain. Drain out the excess water at the earliest and earthing up should be carried out in papaya orchards. In the prevailing weather, inspect for pseudo stem borer in banana crop; in case of severe infection, uproot the plant and burn it.

#### **Tripura**

- Undertake seedbed preparation for *Aus* rice. Undertake transplanting of brinjal. Protect crop from untimely rain, particularly vegetables and young seedlings. Cover the seedlings by straw, leaves etc. Harvest the crop wherever possible. Maintain good drainage in the field of rice and vegetable crops.

#### **Animal Husbandry**

- In Tripura, immunize the cows, goats, buffaloes, etc. against FMD, HS and BQ disease after consultation with local veterinary doctor. Provide vaccine against FND disease in cattle, pig, sheep and goat and provide goat pox vaccine to goats.
- In Arunachal Pradesh, maintain good drainage around livestock and poultry sheds, provide sufficient dry bedding, and arrange artificial heating if required to keep animals comfortable.

#### **Fishery**

- In Lower Brahmaputra Valley Zone of Assam, as season is coming for release of new fingerling to the ponds, it is essential to fish grower farmers that the pH level in fishery water should be test on periodical basis. To maintain the level of pH in fishery water, apply 250 Kg of Calcium Carbonate per ha (Agricultural lime) on annual basis.

### **EAST INDIA [JHARKHAND, BIHAR, ODISHA, WEST BENGAL & SIKKIM, ANDAMAN & NICOBAR ISLANDS]**

**Realised Rainfall:** Significant rainfall occurred in East Singhbhum district of Jharkhand; in Balasore, Bhadrak, Dhenkanal, Ganjam, Keonjhar, Khurda, Koraput, Mayurbhanj, Nayagarh, Rayagada & Sundargarh districts of Odisha; in East Midnapur, Howrah, Jhargram, 24 Paragana (N), West Midnapur, Alipurduar & Mangan districts of West Bengal & Sikkim.

#### **Advisories:**

- As **Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Odisha during next 24 hours, over Sub Himalayan West Bengal & Sikkim during next 48 hours, provide mechanical support to banana & papaya plantations and staking to young plants and vegetables. Undertake propping in sugarcane.
- As **Heat Wave conditions** likely at isolated places over Odisha on 13<sup>th</sup> & 14<sup>th</sup>, April, 2026, apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures. Keep animals in shade and provide plenty of clean and cool water to drink.

#### **Bihar**

- In North East Alluvial Zone, harvest and thresh ripe wheat in the morning or evening during calm wind, store the grain when moisture content would be 12%. In case of Fall Armyworm infestation in maize crop, spray Lambda cyhalothrin @ 1.5ml/litre of water, manage micronutrient deficiencies as per requirement. To prevent

weeds in the Makhana field, maintain the water level at 1 foot.

- In North West Alluvial Plain Zone, undertake sowing of green gram & black gram on priority basis; apply 20 kg nitrogen, 45 kg phosphorus, 20kg potash and 20 kg sulphur per hectare during land preparation; treat seeds with rhizobium culture before sowing. Undertake sowing of elephant foot yam; apply 10-15 ton FYM, 40 kg Nitrogen, 60kg Phosphorus and 80 kg Potash per hectare during land preparation.
- In the South Bihar Zone, considering the possibility of rainfall in the coming days, keep harvested crops in a safe place. In view of the expected rainfall, postpone the spraying of pesticides, temporarily stop sowing of summer vegetables and resume sowing immediately after the rainfall. In spring maize, carry out weeding and intercultural operations, control weeds, and apply top dressing of urea followed by earthing up.

### **Jharkhand**

- In the Western Plateau Zone, lodging of crops, fruit shedding, and disease outbreaks in crops like vegetables and oilseeds. Provide staking to cucurbitaceous vegetables with bamboo or any other woody material, so that leaves and fruits of the plant remain untouched with soil. Carry out earthing up in summer maize at knee height stage, apply 26-kilogram urea per acre. To control stem and fruit borer in brinjal crops, install Pheromone trap @ 4-5 per acre for effective control of the insects.

### **Odisha**

- In Western Undulating Agroclimatic Zone, if infestation of bacterial blight is noticed in paddy, apply Plantomycin @ 1g along with Copper oxychloride @ 2.5g per litre of water during clear weather condition. After harvesting of green gram/ black gram, mix the plant residues into the soil by ploughing to improve soil health. Provide staking/support to young and newly planted crops to protect them from damage due to gusty winds (30–50 km/h).
- In East & South Eastern Coastal Plain Zone, to manage whiteflies in tomato and brinjal crop, use yellow sticky traps @ 8-10/acre to attract and kill the insects. To control swarming caterpillar in rice, spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400 ml/acre or Lambdacyhalothrin @ 400 ml/acre during clear weather condition.
- In West Central Table Land Zone, regular monitoring should be advised for okra, as prevailing weather condition (Warm temperatures with moderate humidity) is favourable for shoot and fruit borer attack. Remove severely damaged branches in mango to avoid disease infestation. Drain out excess water from rice field due to past rainfall or hailstorm events.
- In North Eastern Ghat Zone, provide staking to tomato and banana plant. complete the sowing of maize, beans and cucurbits like pumpkin, bottle gourd, pointed gourd etc. Spray Naphthalene Acetic acid (NAA) @ 20 PPM to reduce flower drop; spray Boron @ 1g per litre to increase fruit size in mango.
- In North Central Plateau Zone, avoid water logging in cucumber by draining excess water in the trench. Maintain a water level of 3-5 cm during vegetative or tillering stage in paddy.
- In North Western Plateau Zone, in view of expected rainfall avoid irrigation in green gram and black gram during the flowering stage. If leafhopper is seen in sesame crop, spray Triazophos @ 400ml per acre. Undertake sowing of lady's finger, bitter gourd, cluster beans and cowpea.
- In Mid Central Table Land Zone, to control gundi bug in rice, spray chlorpyrifos 20% EC @400 ml per acre or Malathion 50% EC @ 400 ml per acre by mixing in 200 Litres of water. In Banana, drain the excess water as soon as possible. Initiate summer ploughing with the availability of soil moisture. Harvest the matured pulses and oil seeds crop.
- In South Eastern & Eastern Ghat High Land Zones, after light showers, there is a higher risk of Swarming Caterpillar in rice, if infestation exceeds threshold levels, spray Chlorpyrifos 50% + Cypermethrin 5% EC (@400 ml/acre) during clear weather. Irrigate green gram as per requirement. Stake tomato and brinjal plants properly because light wind and rain may cause lodging.

### **West Bengal & Sikkim**

- In Hill Zone, ensure good field drainage to avoid waterlogging in fields especially ginger, tomato and Dalle khorsani fields. Practice minimum tillage to preserve moisture. Complete the harvesting of potato at the

earliest; after harvesting, allow the tubers to dry in a shady place. Cover the nursery of cucurbits and Dalle khorsani with polyethylene sheets or agro-net to protect the seedlings from adverse weather conditions. Cover the ginger crop field with locally available mulches (leaves of Uttis, Chilawney etc.) to avert the direct impact of rainfall.

- In Terai Zone, due to the possibility of rainfall accompanied by thunderstorms, harvest all mature crops and vegetables in a timely manner to prevent possible damage. After harvesting keep potato in safe and dry place.
- In Old Alluvial Zone, farmers are advised not to apply fertilizers and avoid spraying chemicals during rainy period; keep vigilance for bacterial and fungal diseases in plants. Collect good quality of seeds of jute for sowing from any authorized organization. To control stem borer in rice crop, apply Phorate 10G @ 3 kg per bigha. If corn borer found in the maize field, spray Cypermethrin @ 2ml per litre of water.

### **Gangetic West Bengal**

- In the Coastal Saline Zone, restrict any spraying or farm operation during thunderstorm and harvest mostly mature cucurbits for marketing.
- **In Laterite and red soil zone**, harvest matured crops immediately and store them in a dry, safe place to prevent damage. Minimize field operations during and immediately after rains to avoid soil compaction and damage to crops. In view of the forecasted thunderstorms, gusty winds, and lightning, delay the sowing of sesame until the weather stabilizes. Avoid all field operations during thunderstorms or heavy rain.

### **Andaman & Nicobar Islands**

- In black pepper, spray 1% potassium nitrate ( $KNO_3$ ) to improve spike retention and enhance flowering under variable weather. In banana, provide mechanical support and spray 2% Potassium Sulphate ( $K_2SO_4$ ) to improve fruit size and reduce stress. In arecanut, apply neem cake (1–2 kg/palm) and light irrigation (in dry areas) to improve root health and maintain soil moisture balance. In coconut, ensure proper drainage around palms and spray 1% Bordeaux mixture to prevent fungal diseases and reduce nut drop. In brinjal, install pheromone traps (5 traps/acre) and spray neem oil @ 3 ml/litre to manage pest population effectively.

### **Animal Husbandry**

- In Jharkhand, go for vaccination against Foot and Mouth disease in animals after consulting with veterinarian.

## **WEST INDIA [GOA, MAHARASHTRA, GUJARAT]**

**Realised rainfall:** Significant rainfall occurred in Pune district of Maharashtra. Weather remained dry over rest of the region.

### **Advisories:**

#### **Maharashtra**

- In Konkan, as dry weather is expected during next 5 days, continue harvesting of groundnut, mango, cashewnut, watermelon, chilli, brinjal and tomato. Undertake land preparation for turmeric. Maintain optimum water level of 10 cm in rice fields. Apply irrigation to green gram, vegetables and newly planted arecanut & coconut. To reduce spongy tissue in mango fruits, fruits should be harvested with the stalk after 85-90% maturity, and harvesting should be done before 10 AM. To protect the banana bunches from high temperature, cover the bunches with leaves or gunny bags. Apply third split dose of nitrogenous fertilizers @ 440g urea per guntha to rice at the flowering stage. To control white fly in summer okra, first remove the tops / leaves of the infested plant and apply yellow sticky paper traps in the crop, also spray dimethoate 30% solution in 1 ml per 1 litre of water.
- In Madhya Maharashtra, as mainly dry weather is expected during next 5 days, continue harvesting of onion, vegetables and fruits. Undertake transplanting of summer tomato seedlings. Apply irrigation to sugarcane, summer groundnut, vegetables and orchards as per requirement. Undertake April pruning in grape vines. Due to cloudy weather during past few days incidence of tikka disease observed in summer groundnut, to control spray Mancozeb 2.5 g or Carbendazim 1 g mixed in 1 litre of water. Due to cloudy and humid weather in last week, leaf spot and rust diseases observed in the groundnut to control spray Flubendiamide 3.5% + Hexaconazole 5% WG at 25 g per 10 litres of water. For management of stem borer in sugarcane, spray

Chlorantraniliprole 18.5 SC @ 4 ml per 10 litre of water. To control mealy bugs in grapes, spray a mixture of Buprofezin 25 SC @ 20 ml + Fish Oil Rosin Soap @ 50 ml or Verticillium lecanii 1.15 WP (minimum 1 x 10<sup>8</sup> CFU/g) @ 50 g per 10 litres of water.

- In Marathwada, as mainly dry weather is expected during next 5 days, continue harvesting of turmeric, vegetables and fruits. Undertake hand weeding in sugarcane. For moisture conservation and to maintain proper soil temperature undertake mulching in vegetables and orchards. Apply irrigation in sugarcane, groundnut, summer sesame, vegetables and orchards as per requirement. If fruit drop is observed in citrus orchards take a spray of NAA @ 10 PPM. If infestation of sucking pests observed in vegetable crops (chilli, brinjal and ladies finger), to control spray Pyriproxyfen 5 % + Fenprothrin 15 % @ 10 ml or Dimethoate 30 % @ 13 ml per 10 litres of water. For management of stem borer in sugarcane, spray Chlorpyrifos 20% @ 25 ml or Chlorantraniliprole 18.5 % @ 4 ml per 10 litre of water.
- In Vidarbha, as dry weather is expected during next 5 days, continue harvesting of *rabi* sorghum, turmeric, vegetables and fruits like mandarin orange, watermelon and muskmelon. Apply need-based irrigation to timely sown summer green gram, groundnut, onion, sunflower, sesame, fodder crops, orchards and vegetables. Continue intercultural operation in summer sesame and green gram. Maintain optimum 5-7 cm water level at panicle initiation stage in rice fields. For control of leaf miner, thrips and jassids in groundnut, spray Lambda Cyhalothrin 5% @ 4 ml or Quinalphos 25% @ 28 ml per 10 litres of water. Infestation of aphids and leaf roller observed in summer sesame for management spray Quinalphos 25 % @ 20 ml per 10 litre of water. Due to continuous cloudy weather during past few days, infestation of leaf eating caterpillar observed in green gram, spray 5% Nimboli ark or Quinalphos @ 20 ml per 10 litres of water.

### Gujarat

- In Middle Gujarat Zone, complete harvesting of tobacco leaves at the maturity stage by curing or priming method and keep the harvested leaves for sun drying. Continue harvesting mature capsules/spikes of castor. Pick/harvest matured fruits of chilli and tomato. Banana is at bunch development stage; irrigate every 7–8 days in summer, based on weather and soil moisture; provide bamboo support to plants on the leaning side; cover peduncle and bunch with dried leaves to protect from direct sunlight. Maintain 5–7 cm standing water in transplanted rice fields; to manage blast incidence, spray Carbendazim 50 WP @ 1g or Tricyclazole 75 WP @ 6 g or Thiophanate Methyl 70 WP @ 10 g per 10 litres of water twice, in clear weather.
- In North Gujarat Zone, undertake harvesting of papaya, pomegranate and tender fruits of chilli, brinjal & tomato. Timely irrigate orchards of mango at fruit development stage. Carry out weeding and inter culturing operations in timely-sown cowpea, green gram, sesame, cluster beans, pearl millet crops; irrigate crops at regular intervals.
- In Bhal and Coastal Zone, complete harvesting of chickpea and wheat. Keep pearl millet, green gram and sesame crops weed-free by undertaking intercultural and weeding operations after sowing.
- In North Saurashtra Zone, apply irrigation to groundnut at flowering and pegging stages and in all vegetable crops in the morning or in the evening hours. Carry out deep ploughing of fields after harvesting of *rabi* crops so that eggs & pupating stages of insects, fungus, bacteria and weed seeds will get destroyed under high temperature. To control white fly infestation above ETL in green gram and black gram, spray 500 ml of 5% neem seed extract or 50 ml of neem seed oil with Profenophos @ 20 ml & Diafenthiuron @ 15 g per 10 litres of water.
- In South Saurashtra Zone, provide light and frequent irrigation to groundnut crop at pegging and pod development stages. Apply mulch to conserve soil moisture and reduce soil temperature. For thrips and white fly control in groundnut, spray neem seed extract 5% and make alternative sprays of Acephate 75 % SP @ 15 g or Profenophos @ 20 ml or Lambda-cyhalothrin @ 14 ml in 10 liters of water. Provide irrigation to summer green gram and black gram at flowering and pod formation stages. Irrigate summer sesame at branching and flowering stages. Irrigate vegetable crops frequently due to high temperatures. Install 50% to 75% green shade nets to protect nurseries, young plants, and vegetable crops from direct, intense sunlight. Harvest vegetables during morning/evening hours.

- In South Gujarat Heavy Rainfall Zone, keep 2-3 cm standing water in transplanted rice field. Keep the field weed free by hand weeding and interculturing with paddy weeder. Thinning and gap filling should be done summer pulses to maintain plant population at 15-20 days after sowing. Keep field weed-free by hand weeding and interculturing up to 45 days after sowing. Apply irrigation as per the need, considering prevailing weather and soil type. Undertake planting of okra, cluster beans and cow pea. Harvest developed fruits of pointed gourd and little gourd. Undertake field preparation for planting elephant foot yam. Provide support to the young plants of sapota to protect against strong winds.

#### **Animal Husbandry**

- In Gujarat, give dry fodder to the cattle twice a day. Provide stored fodder along with mineral mixture. Keep animals in shade. Give them plenty of clean and cool drinking water. Bathe animals two to three times a day, especially during noon hours in summer, to protect them from heat and to maintain milk production. Spray phenyl in the animal shed to avoid flies and mosquitoes.

### **CENTRAL INDIA [M.P, CHHATTISGARH]**

**Realised Rainfall:** Significant rainfall occurred in Chhatarpur, Chhindwara, Niwari, Bhind and Gwalior districts of Madhya Pradesh. Weather remained mainly dry over rest of the region.

#### **Advisories:**

##### **Madhya Pradesh**

- In the Satpura Plateau Zone, apply irrigation to maize, moong, urd, groundnut and vegetable crops frequently as per requirement. Prepare land for sowing of summer maize (for green cobs, baby corn, sweet corn) with assured irrigation facility. To control sucking pests in 15-20 days old green gram & black gram, spray Imidacloprid @ 5-7 ml at 15 litres of water.
- In Nimar Valley Zone, to control sucking insects in watermelon and cucumber, spray Verticillium lecanii @ 5g per litre of water. Keep the harvested crops safe, covered or tied in the fields and barns.
- In Jhabua Hills Zone, dry the harvested produce (wheat) to the proper moisture level and then thresh it, after threshing, dry grains in sunlight to the proper moisture level and store it. Apply irrigation to standing crops to maintain proper soil moisture in crop field. To control sucking pests and prevent the spread of viral diseases in vegetables, spray Thiamethoxam @ 7g per pump (0.45–0.5 g/l) during clear weather.
- In Gird Zone, carry out weeding in sugarcane followed by irrigation. Keeping in view the probable weather, sow cowpea and maize when there is sufficient moisture. There may be a possibility of aphids in cauliflower and cabbage, spray neem oil (Azadi Rectin) @ 1.5 to 2litres per hectare in 500 to 600 litres of water.
- In Malwa Plateau Zone, undertake harvesting of matured wheat using combine reaper, if the crop is harvested by hand, it should be dried up to optimum moisture (12-13%) for threshing. Also, harvest the other matured Rabi crops.
- In Vindhya Plateau Zone, apply light irrigation to maintain soil moisture and reduce heat stress in crops, use mulching or crop residue to conserve moisture and regulate soil temperature. Weather is favourable for sowing summer pulses, ensure proper seedbed preparation with good soil moisture through pre-sowing irrigation, use recommended seed rate and treat seeds with Rhizobium culture
- In Bundelkhand Zone, undertake sowing of summer moong with good irrigation facility; before sowing, treat the seeds with Rhizobium culture and choose the improved varieties. Spray M.H. (Mailik Hydrazide) @ 2000 ppm per 15 litre of water before 15-20 days' maturity of onion for better storage capacity.
- In Kymore Plateau and Satpura Hill Zone, farmers who have adequate irrigation facilities, start sowing of summer moong and urad by selecting improved varieties after seed treatment with Trichoderma viride @ 5g per kg of seed. Harvest the fully ripe wheat crop as soon as possible and store it in a safe place.
- In Central Narmada Valley, start sowing of green gram with proper seed treatment; select recommended short duration varieties. Intercultural operations and application of nitrogenous fertilizer should be done in sugarcane crop, irrigate the crop at an interval of 20 to 25 days, if root borer or shoot borer insects are observed in sugarcane, remove the infected, dried heart plants immediately.

##### **Chhattisgarh**

- As **Heat Wave conditions** likely at isolated places over Chhattisgarh on 14<sup>th</sup>, apply light and frequent irrigation to the standing crops. Carry out mulching with crop residue, straw or polythene to minimize the loss of soil moisture. Use temporary shade nets to protect the fruit plants from high temperatures. Keep animals in shade and provide plenty of clean and cool water to drink.
- In North Hill Zone, harvest matured wheat, chickpea, mustard & *rabi* maize crop quickly and keep harvested produce at safer place or cover them with tarpaulin. Uproot bacterial wilt affected plants of brinjal and tomato and don't irrigate the field up to one week. Apply irrigation to banana and papaya plants once a week due to increase in temperature. For control of mango hopper, spray Thiamethoxam @ 150-200ml per acre at the stage of fruit formation; to minimize fruits dropping apply irrigation if fruits have become pea size.
- In Bastar Plateau Zone, harvest matured *rabi* maize; undertake sowing of summer maize by selecting improved varieties. Undertake transplanting of vine-growing vegetables, ridge gourd & bottle gourd. Carry out weeding and hoeing in bottle gourd, bitter melon, cowpea, okra, and other summer vegetables followed by light irrigation. Apply irrigation to banana and papaya plants once a week.
- In Chhattisgarh Plain Zone, continue harvesting of matured wheat & chickpea; keep harvested produce at safer place or cover them with tarpaulin. Apply irrigation to maize at flowering stage. Carry out earthing-up followed by irrigation in sugarcane crop at knee height stage. Undertake sowing of summer green gram after seed treatment with Trichoderma, Rhizobium culture and PSB. Continue transplanting of brinjal.

#### **Animal Husbandry**

- In Madhya Pradesh, provide de-worming to the calves of dairy animals. Provide 50 grams iodized salt and 50 to 100 grams' mineral mixture daily with animal feed/fodder to keep them healthy.
- In Chhattisgarh, to gain more milk production give 25-30 kg green fodder per day in the ratio of 3:1 green and dry fodder. Cattle (milch and non milch) must be fed with mineral mixture @ 25-30g per day. Provide fresh drinking water to milch animals 4-5 times per day.

### **NORTH INDIA [JAMMU & KASHMIR (UTs), HIMACHAL PRADESH, UTTARAKHAND, PUNJAB, HARYANA, DELHI, UTTAR PRADESH & RAJASTHAN]**

**Realised Rainfall:** Significant rainfall occurred in all the districts of Himachal Pradesh, over all the districts of Jammu & Kashmir (UT) except Shopian, over Dehradun, Tehri Garhwal and Uttar Kashi districts of Uttarakhand; in Barnala, Fazilka, Ferozepur, Gurdaspur, Moga, Muktesar, Pathankot, Rupnagar, SAS Nagar, SBS Nagar districts of Punjab; Chandigarh & Kurukshetra districts of Haryana; in Kanpur City, Aligarh, Badaun, Jalaun districts of Uttar Pradesh and in Bharatpur & Dausa districts of Rajasthan. Weather was dry over Ladakh.

#### **Advisories:**

- As **Thunderstorm accompanied with lightning & gusty winds(40-50kmph)** very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during next 48 hours;**Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** very likely at isolated places over Himachal Pradesh on 11<sup>th</sup> April, 2026, provide mechanical support to banana & papaya plantations and staking to young plants and vegetables. Undertake propping in sugarcane.

#### **Himachal Pradesh**

- In High Hill Temperate Dry Zone, undertake nursery sowing of cabbage and cauliflower. Nursery beds should be 6 to 8 inches raised from the surrounding land.
- In Mid Hills Sub Humid Zone, continue transplanting of tomato and capsicum in rainy weather. High relative humidity and frequent rains favour loose smut incidence in wheat. If loose smut symptoms appear, remove those ears from the crop and bury removed ears in soil.
- In Sub Montane and Low Hills Sub Tropical Zone, avoid irrigation and chemical spraying in wheat, onion, garlic and potato during rainy or stormy weather. Clear field channels to avoid water stagnation. Provide staking to the pea plants in order to prevent lodging during gusty winds. Harvest mature pea pods timely before rainfall. Gusty winds may cause lodging in mustard, ensure proper drainage in the field to avoid water stagnation.

- In High Hills Sub Temperate Wet Zone, undertake sowing of French beans, cucumber, bitter gourd and bottle gourd. Ensure good drainage channels in the field to remove excess rainwater. Provide proper staking/support to garden pea plants to minimize lodging and pod contact with wet soil. Harvest fully developed mature pods.

### **Jammu & Kashmir**

- In Sub Tropical Zone, make arrangement to drain out excess water from wheat and vegetable fields. Shift the harvested and threshed mustard and lentils in safe place. Continue sowing of summer pulses after receipt of rain at optimum soil moisture. Due to cloudy weather and high humidity, pumpkin beetle may appear in cucurbits. Apply Thiamethoxam 25 WG @ 5g per litre of water or 1 sachet/pump during clear weather.
- In Intermediate Zone, avoid application of plant protection measures in wheat due to possibility of rainfall. Avoid harvesting of matured mustard and shift the already harvested crop in safe place. Make proper arrangement to drain out excess water from fodder oats and berseem fields. Avoid transplanting of cucurbits (cucumber, bottle gourd, bitter gourd, sponge gourd and pumpkin) and solanaceous vegetables (tomato, brinjal, chilli and capsicum) till the weather improves. Postpone sowing of okra.
- In Valley Temperate Zone, undertake planting of potato when weather allows and soil is workable. Resume transplanting of knolkhol, kale, cauliflower, cabbage and broccoli in open field when weather improves. Carry out thinning in fodder berseem, oats and lucern.

### **Uttarakhand**

- In Bhabar and Tarai Zone, avoid irrigation in chick pea, lentil, wheat and sugarcane. Undertake harvesting of matured chickpea, lentil and wheat during clear weather. Keep the already harvested produce in safe place. Undertake transplanting of tomato, capsicum and brinjal during clear weather.
- In Hill Zone, provide staking to tomato and capsicum. Avoid water stagnation in these fields. Undertake sowing of French beans, cucumber, bitter gourd and bottle gourd.
- In Sub Humid Sub Tropic Zone, undertake harvesting of wheat and barley. Store the already harvested wheat, barley, mustard and lentil in safe place.

### **Punjab**

- In Western Zone, wheat sown after December 5<sup>th</sup> apply last irrigation up to 10<sup>th</sup> of April. Avoid irrigation on windy/stormy day. For early kharif fodders, sowing of bajra, maize, cowpea etc. may be carried out after harvesting *rabi* crops. Undertake harvesting of tomato.
- In Western and Undulating Plain Zone, undertake harvesting of early sown wheat. Complete sowing of vegetables by end of this week. Complete the planting of sugarcane in 2 or 3 days.
- In Sub Montane Undulating Zone, undertake harvesting of wheat, rapeseed and mustard. Undertake sowing of summer moong, summer mash. Complete the planting of sugarcane. Complete planting of evergreen fruit plants like citrus, mango, guava, loquat, ber etc. Regularly monitor wheat, Gobhi sarson and raya for the occurrence of aphids. To control aphids in late sown wheat, apply two sprays of 2 litre PAU homemade neem extract at weekly interval or single spray of Thiamethoxam 25 WG @ 20g in 80-100 litres of water per acre using knap sack sprayer or in 30 litres of water per acre with power sprayer.
- In Central Plain Zone, avoid irrigating the timely sown wheat crop. Wheat sown after 5<sup>th</sup> December, apply last irrigation up to 10<sup>th</sup> April. Ensure proper drainage in the field to remove excess rainwater. Plan to harvest wheat crop when weather become clear. Undertake sowing of cotton including Bt cotton or desi cotton. Complete sowing of summer moong and summer mash varieties. Apply irrigation to the newly planted sugarcane crop when weather become clear. Irrigate the crop at 7-12 days interval for better growth of the crop.

### **Delhi**

- Undertake harvesting of matured wheat crop. Harvested crops should be properly tied and covered to avoid being carried away by winds. Adequate drying of harvested grains before storage should be done. Undertake sowing of green gram. Monitor timely sown onion crop against attack of thrips.

### **Uttar Pradesh**

- In the Western Plain Zone, after harvesting wheat, undertake planting of improved varieties of sugarcane

in well-prepared fields with proper moisture. For summer green manure sanai, dhaincha, guar, cowpea, moong may be sown. The seed rate of linseed is 60-70 and that of dhaincha is 50-60 kg per hectare. For storage, dry the wheat well under bright sunlight, so that it does not remain more than 8-10 percent; treat gunny bags with 5% Neem solutions.

- In the Central Zone, for timely-sown maize, apply the first irrigation 20–25 days after sowing and carry out weeding when leaves emerge. Farmers should thresh harvested crops before rain or keep them in a safe place. In view of the possibility of rain, postpone irrigation. Undertake sowing of Zaid moong using recommended varieties. Continue sowing of vegetables such as ladyfinger, zucchini, cucumber, bitter gourd, gourd and pumpkin etc. Transplant the seedlings of tomato, brinjal and chilli.
- In the Bundelkhand Zone, harvesting of matured wheat, chick pea, field pea, lentil, mustard and linseed may be done as early as possible. To prevent the fruit dropping of mango, spray naphthalene acetic acid (NAA) with 20 ppm solution per litre of water. Nursery sowing of papaya may be done at distance of 6×6 inches and one-inch-deep at 70 square meter area by selecting improved varieties
- In the Eastern Plain Zone, during the Zaid season, continue sowing hybrid maize, recommended varieties of black gram, and yellow mosaic virus-resistant green gram. Continue planting improved varieties of spring sugarcane. Harvest and thresh matured crops like mustard and wheat promptly. Carry out intercultural operations in standing crops such as okra, onion, and bottle gourd. Use treated seeds for sowing of black gram and green gram. Complete harvesting of *rabi* potato crops at the earliest. In the Zaid season, it is suitable time for sowing okra (ladyfinger), cowpea, and cucurbit crops like bottle gourd, ridge gourd, cucumber, watermelon, and muskmelon. Finish the sowing of recommended cluster varieties of bajra and jowar. After sowing summer groundnut, apply first irrigation after germination and do weeding after 15–20 days. Thinning in Zaid season sunflower may be done; ensure a distance of 15-20cm between the plants. Complete sugarcane planting early in spring. If planting is to be done, use single-eye setts.

### **Rajasthan**

- In the Sub-Humid Southern Plain and Aravali Hill Zone, harvest the matured wheat and barley crop. Keep the crop for sun drying in field and then after threshing should be done. Undertake sowing of bottle gourd, sorghum, bajra, maize and *lobia*. To control weed in summer groundnut crop, spray Imazethapyr 10% S.L. @ 100g/ 600 litres of water, 15-20 days after sowing. Undertake sowing of summer moong.
- In the Flood-Prone Eastern Plain Zone, keep harvested produce in covered and safe place. Undertake sowing of improved varieties of Zaid *moong* like IPM 02-03, PDM.139 and SML-668.
- In Transitional Plain Zone of Inland Drainage Zone, continue harvesting of matured wheat, & barley crops. Hoeing and weeding is recommended in okra fields for weed control.
- In Hyper Arid Partially Irrigated Western Plain Zone, continue harvesting of matured mustard, wheat and fenugreek crop to prevent scattering of pods and protect harvested crop. Undertake sowing of Zaid Moong and vegetables such as okra, watermelon, muskmelon, tinda, cucumber & long melon. Avoid any kind of chemical spraying in crops of cucurbit vegetables till the weather is clear.
- In Semi-Arid Eastern Plain Zone, undertake sowing of summer okra. Apply irrigation to bottle gourd, pumpkin, smooth gourd, ridge gourd, cucumber, bitter gourd, kachra, cucumber, summer ladyfinger, spinach and young fruit plants like mango, amla, pomegranate, wood apple, and plum and summer green gram as per requirement. Spray Malathion 50 EC @ 1.5 ml per litre water to control mealybug in mango, guava & pomegranate.
- In Arid Western Plain Zone, dry the harvested wheat crop thoroughly in sunlight for a few days before threshing, and then store them in a safe and secure place.
- In Irrigated North Western Plain Zone, undertake harvesting of mustard, barley and chickpea crop. Apply first irrigation in sugarcane crop after 45 days of planting and after first irrigation apply dust Furodon 3 % @ 24 kg or Phorate @ 16 kg per hectare for control of early stem borer. Pea sized fruits have started to form in orchards of Kinnow, apply irrigation in the orchards. Prepare field for sowing of cotton crop.

- In Southern Humid Plain Zone, provide light irrigation in standing crops and in the rabi maize. Carry out hand weeding in green gram fields, followed by spraying of Quizalofop-ethyl 5% EC @ 1litre per hectare in 500 litres of water for effective control of grassy weeds.
- In Southeastern Humid Plain Zone, undertake harvesting of gram and barley crops at maturity stage to avoid losses due to unseasonal rain. Provide light irrigation periodically until the sugarcane sprouts; this will ensure rapid and robust germination. Provide light irrigation to the summer *moong* and *urad* at intervals of 10–15 days.

#### **Animal husbandry**

- In Rajasthan, animals should be kept in shadow. Clean the surrounding area of shed to avoid the infestation of houseflies and others

**The Agromet Products in this Bulletin are generated by Agrimet Division, weather forecast issued by NWFC, New Delhi and Agromet Advisories are prepared based on the DAAS Bulletins issued by different Agro-meteorological Field Units (AMFUs).**