



राष्ट्रीय कृषि मौसम परामर्शी सेवाएं बुलेटिन National Agromet Advisory Services Bulletin

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विस्तारित अवधि मौसम पूर्वानुमान/Extended Range Weather Forecast (ERFS)

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जारीकर्ता/Issued by

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AICRP on Agro-Meteorology (AICRPAM)

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India Meteorological Department (IMD)

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Earth System Science Organization

वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान

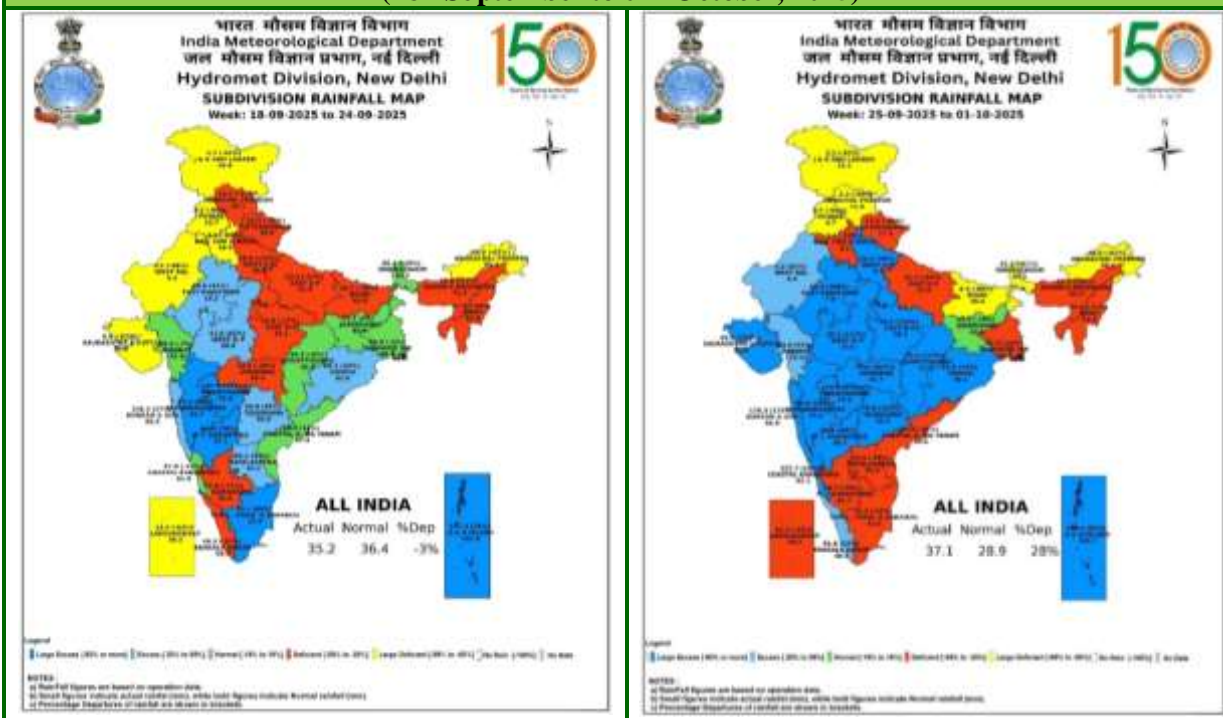
Realized Rainfall and Extended Range Forecast

(वर्षा और तापमान)

(Rainfall and Temperature)

Realized Rainfall

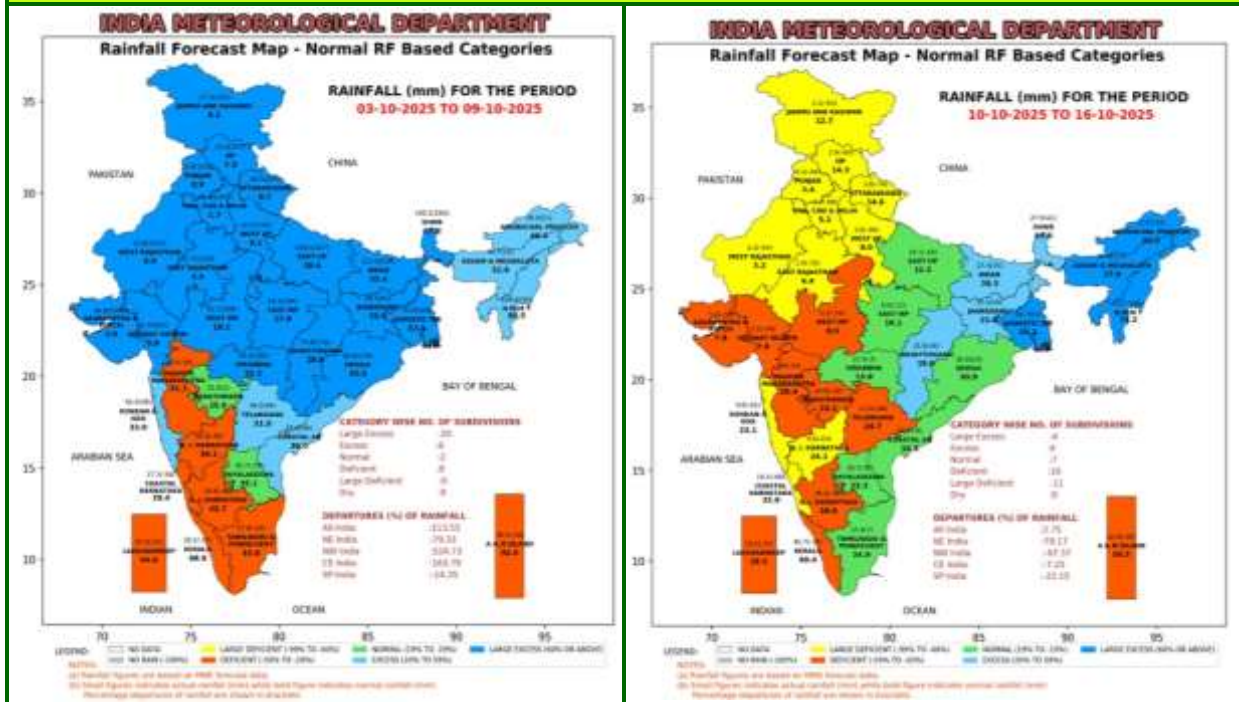
(18th September to 01st October, 2025)



- Normal or above normal rainfall occurred in both the weeks over East Rajasthan, West Madhya Pradesh, Chhattisgarh, Odisha, Jharkhand, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Marathwada, Telangana, Coastal Karnataka, North Interior Karnataka and Andaman & Nicobar Islands.
- Normal or above normal rainfall occurred in either of the two weeks over West Rajasthan, West Uttar Pradesh, West Bengal & Sikkim, Saurashtra & Kutch, East Madhya Pradesh, Vidarbha, Andhra Pradesh & Yanam, Tamil Nadu Puducherry & Karaikal and Kerala & Mahe.
- Below Normal rainfall occurred in both the weeks over rest of the States & UTs.

Extended Range Forecast System

Rainfall forecast maps for the next 2 weeks (IC- 01st October, 2025)
(03rd to 16th October, 2025)



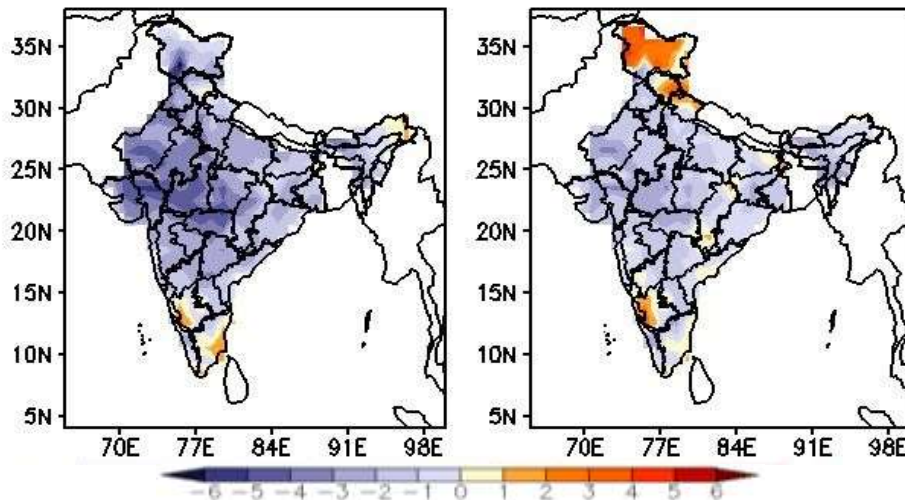
- Week 1 (03.10.2025 to 09.10.2025):** Rainfall is likely to be normal to above normal over Northwest India, Central India, East India and North East India and Gujarat.
- Week 2 (10.10.2025 to 16.10.2025):** Rainfall is likely to be normal to above normal over East India and North East India.

**Maximum and Minimum temperature anomaly ($^{\circ}\text{C}$) forecast
for the next 2 weeks (IC-01st October, 2025)
(03rd to 16th October, 2025)**

MME forecast Tmax anomaly (Deg C)

(Week1: 03Oct–09Oct)

(Week2: 10Oct–16Oct)



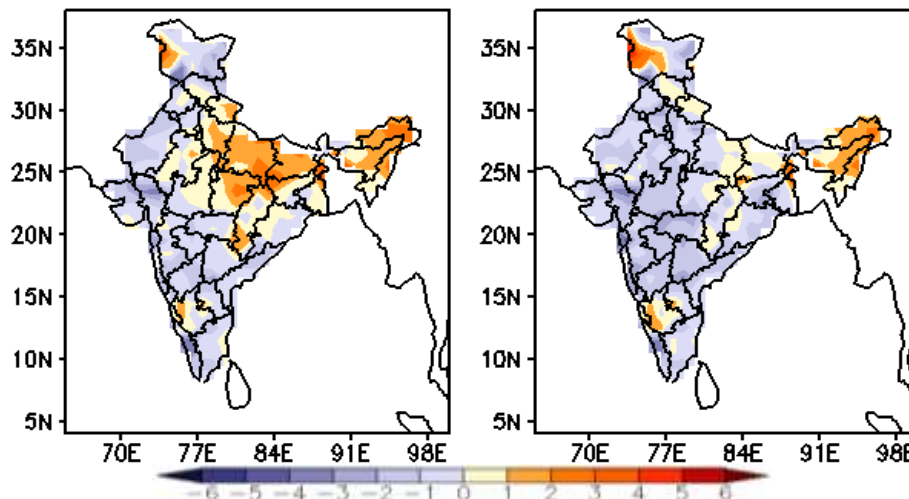
Maximum Temperature (Tmax)

- **Week 1 (03.10.2025 to 09.10.2025):** Maximum temperature is likely to be below normal most parts of the country except some parts of Tamil Nadu and South Karnataka.
- **Week 2 (10.10.2025 to 16.10.2025):** Maximum temperature is likely to be above normal over Jammu & Kashmir, Himachal Pradesh and South Karnataka and below normal over rest of the country.

MME forecast Tmin anomaly (Deg C)

(Week1: 03Oct–09Oct)

(Week2: 10Oct–16Oct)



Minimum Temperature (Tmin)

- **Week 1 (03.10.2025 to 09.10.2025):** Minimum temperature is likely to be above normal over Central India, East India, North East India, Uttar Pradesh, Uttarakhand and some parts of South Karnataka.
- **Week 2 (10.10.2025 to 16.10.2025):** Minimum temperature is likely to be above normal over Jammu & Kashmir, North East India and South Karnataka. However, it is likely to be below normal over remaining parts of the country.

Strategic Agricultural Planning based on Rainfall till 16 October 2025

Agromet Advisories

Kerala

Kerala received 13.0 mm (-73% large deficit) of rainfall from 01 October to 05 October 2025. Kerala's extended-range weather forecast (rainfall) for the next two weeks (03-09 October 2025 and 10-16 October 2025) in Kerala is deficit rainfall for week 1 and week 2.

- In rice, to control rice blast disease, spray Fujione at the rate of 1.5 ml per litre of water (or) spray 1 ml of isoprothiolane per one litre of water (or) 4 g of trifloxystrobin + tebuconazole per 10 litres of water. At the onset of symptoms.
- In a banana, Cut and remove the outer layer of the rhizome and sundry for 3 to 4 days after smearing it with a slurry of cow dung and ash. Apply neem cake @ 1 kg/plant at the time of planting.
- In coconut, Detection of disease at its early stage will help to adopt efficient corrective measures. Cut and remove the affected tissues from the crown and apply Bordeaux paste. After that, cover the cut surface with polythene sheets to protect it from rain until the new leaf emerges. Burn the removed tissues immediately. As a prophylactic measure, spray 1% Bordeaux mixture into the axils of the top leaves of the surrounding palms. As a prophylactic measure against attack of Pollu beetle in black pepper, spray 1% Bordeaux mixture mixed with quinalphos (2ml per litre of Bordeaux mixture). If an attack is seen, spray a solution containing hexaconazole (5ml) + cyhalothrin (3ml) per 5 litres of water.
- In black pepper, as a prophylactic measure, apply 150 grams of Trichoderma-enriched neem cake-cow dung mixture in the basins of the vines and incorporate thoroughly with the soil. If the disease has already appeared, drench the soil in the plant basins with Redomil 0.2% (2g per litre of water). Spray the same on the leaves also.

Tamil Nadu

Tamil Nadu received 21.5 mm (1% normal) of rainfall from 01 October to 05 October 2025. The extended-range weather forecast (rainfall) for the next two weeks (03-09 October 2025 and 10-16 October 2025) in Tamil Nadu is deficit rainfall for week 1 and normal rainfall for week 2.

- In coconut, an increase in temperature with button shedding is noticed. Root feeding with TNAU coconut tonic @ 200 ml/palm twice a year at a six-month interval increases the number and size of nuts.
- In paddy, since light rainfall is expected over the next five days, irrigation is advisable.
- Farmers are advised to take up sowing only after proper seed treatment and seed hardening.
- In banana, if sigatoka leaf spot symptoms are noticed, spray mancozeb 2.5 kg/ha with the required quantity of wetting agent.
- In paddy, prevailing weather is conducive for the Leaf folder. So, farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorantraniliprole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25%WG @ 100g/ha.

Karnataka

Coastal Karnataka received 34.8 mm (-33% deficit) rainfall, North Interior Karnataka received rainfall of 6.9 mm (-77% large deficit), and South Interior Karnataka received rainfall of 9.2 mm (-71% large deficit) from 01 October to 05 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) is deficit over Coastal Karnataka,

North Interior Karnataka and South Interior Karnataka for week 1, and large deficit rainfall over Coastal Karnataka and North Interior Karnataka, and deficit rainfall over South Interior Karnataka for week 2.

South Interior Karnataka

- Continue sowing operation of short-duration pulse crops due to good soil moisture available for sowing operation.
- To control fruit borer in Red gram to spray Indoxacarb 14.5 SC @ 0.5 ml/litre of water.
- To control Tikka diseases in groundnut to spray Carbendazim @ 1 g/litre of water.
- To control of cob borer in maize to spray Malathion 50 EC @ 2 ml/litre of water.
- Right time for thinning and intercultural operation in finger millet crop.
- Undertake intercultural operations to control the weeds and to increase the moisture availability to crops.
- Tomato: Tie the branches, young shoots and stake support to tomato plants to avoid them falling on the ground.
- Feeding cows containing about 17 per cent dietary fibre in the animal feed is also helpful to increase fat percentage in milk. Concentrate mixture should comprise grains (40 per cent), oil cakes (32 per cent), brans (25 per cent), mineral mixture (2 per cent) and common salt (1 per cent).

North Interior Karnataka

- In sugarcane, Top dressing of Nitrogenous and Potash fertilisers. To manage the root grub menace application/spreading of 10 kg of *Metarhizium anisopliae* bio-insecticide mixing in dry organic manure or vermicompost.
- In safflower, before sowing, soaking the seeds for 12 hrs in 2 per cent Calcium Chloride @ 6g/kg of seeds and shade drying will improve germination.
- In pigeon pea, to manage ash weevil, take up spraying of 2 ml Quinalphos dissolved in one litre of water. To manage leaf webber: Spraying of Profenofos @ 1 ml/litre of water.
- In maize, in case of severe infestation of fall army worm (> 20% damaged plants): Spray Spinetoram 11.7 % SC @ 0.5 ml/l or Chlorantraniliprole 18.5% @ 0.3 ml/lit of water or Thiamethoxam 12.6 % + Lambda cyhalothrin 9.5% ZC @ 0.25 ml/l of water.
- In onion, to manage onion bulb rot, take up spraying of carbendazim @ 1 gm/lit of water.
- In groundnut, to manage leaf minor in groundnut, spraying Quinalphos 25 EC @ 2 ml or Dimethoate 30 EC @ 2 ml/lit.

Andhra Pradesh

Coastal Andhra received 21.2 mm (-40% deficit) and 14.4 mm (-48% deficit) of rainfall in the Rayalaseema region from 01 October to 05 October 2025, the extended-range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) shows excess rainfall over Coastal Andhra Pradesh and normal rainfall over Rayalaseema for week 1 and shows normal rainfall over Coastal Andhra Pradesh and Rayalaseema for week 2.

- In Bengal gram, seed treatment with Trichoderma @ 8g/kg seed or carbendazim @ 2.5 g per kg of seed. Pre-emergence application of pendimethalin @ 1000 to 1400 ml/ 200 litres of water per acre to suppress weeds up to 20-30 days.
- Spodoptera and Helicoverpa control, to install bird perches (04 nos/acre for collection and destruction of egg, larval populations by nesting birds). To spray quinalphos 2.0 ml and neem oil 5 ml/litre of water at the initial stages and later stages to spray with Novaluron 25% EC @ 1 ml/litre of water or Enamectin benzoate 5% SG @ 0.5 g/l of water for the control of leaf-eating pests.

- Present weather conditions are favourable for the incidence of leaf folder in paddy. To control, spraying of chlorpyrifos 2 ml/lit or Acephate 75 SP @1.5gm/L or Profenophos 50 EC 2 ml/L of water is recommended. Farmers are advised to keep the paddy field bunds clean, as the weeds present on the bunds act as an alternate host for paddy Stem Borer, BPH and Blast. Farmers are advised to take up top dressing of nitrogen and potassic fertilisers at 40 to 50 days after transplanting.
- Red gram crop is at the vegetative to bud initiation stage. Current weather conditions are congenial for maruka pod borer incidence in red gram. Farmers are advised to spray neem oil @5 ml per litre of water initially, and based on incidence to spray profenophos @2.0 ml or Emamectin benzoate @0.5g or chlorpyrifos @2.5 ml per litre of water.
- In mango, farmers are advised to spray micro nutrient mixtures or formula 4 @ 2.5 to 3 g/litre of water for control of micro nutrient deficiency in newly formed leaves.

Odisha

Odisha received rainfall of 68.8 mm (153% large excess) from June 1 to August 31, 2025. The extended range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) over Odisha is large excess rainfall for week 1 and normal rainfall for week 2.

- Farmers are advised not to stay in open fields, near trees, or water bodies during thunderstorms. If no shelter is available, crouch low with your feet together in an open area. Unplug farm equipment, motors, and irrigation pumps to avoid damage. Avoid touching electrical wires, metal fences, and mobile phones in open areas. Avoid touching electrical wires, metal fences, and mobile phones in open areas.
- If the paddy crop is affected by submergence, then don't apply nitrogenous fertiliser immediately and wait for new tillers to come.
- Make necessary drainage arrangements to drain out excess water from the non-paddy field and the vegetable nursery.
- Keep your crop field free from weeds to minimise the incidence of diseases and pests.
- There are chances of incidence of both fungal and bacterial diseases like leaf blight, wilt, and rot in different standing crops. To manage these diseases, spray (Metalaxyl+ Mancozeb) 2-gram/litre of water or (Carbendazim+ Mancozeb) 2-gram/litre of water along with Plantomycin @ 1-gram/litre of water in clear weather.
- Keep the animal sheds clean and dry. Provide sufficient food and water to animals.
- If the Poultry bird is 3-4 weeks old, then go for Vaccination against Ranikhet disease.
- Fishermen are advised to avoid venturing into the sea along the Odisha coast till the afternoon of 3rd October.

Madhya Pradesh

East Madhya Pradesh received rainfall of 31.0 mm (135% large excess) and West Madhya Pradesh received rainfall of 12.9 mm (36% excess) from 01 October to 05 October 2025. The extended range weather forecast (rainfall) for the next two weeks (03-09 October 2025 and 10-16 October 2025) is a large excess rainfall over East Madhya Pradesh and West Madhya Pradesh for week 1 and normal over East Madhya Pradesh and deficit rainfall over West Madhya Pradesh for week 2.

- Farmers are advised to monitor the field and orchards for insect pests and disease infestation. Contact the nearby KVK if occurrence of more pests for the insecticide spray. Rogue out the mosaic-infested plants from the field.
- Monitor the field against white flies and sucking pests in cotton and pulses, and brown plant hopper and stem borer in rice.
- Sowing of rabi season vegetables, garden pea and potato crops.

- In a paddy field, apply irrigation and construction of bunds around the field for water conservation.
- Due to deficit rainfall with more sunshine hours during the previous week, temperature rises, creating a favourable environment for insect-pest and disease infestation. Monitor the field and vegetable field against insect pests and diseases, and contact nearby KVK personnel for control.
- Field preparation should be done for sowing of early garden pea and potato with good arrangement of quality seeds.
- Suitable time for sowing of radish, spinach, and coriander vegetables with optimum soil moisture for germination. Sowing of the carrot vegetable is done on a raised bed with the application of FYM and phosphorus fertilizer.
- Monitoring of the field for leaf-eating caterpillar, sucking pests in June sown crop. Rogue out mosaic plants from the field. Placing of bird perches in the field. Placing of yellow sticky traps for controlling white flies in soybeans.

Gujarat

Gujarat received rainfall of 3.7 mm (-48% deficit) from 01 October to 05 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) over Gujarat is a large excess rainfall for week 1 and a large excess rainfall for week 2.

- In Bidi tobacco, undertake intercultural operations and weeding operations in optimum moisture conditions. Orobanche shoots should be removed regularly and should be burned or disposed of properly. Drain out excess rainwater from the field.
- In Pearl millet, harvest the matured ears of pearl millet crop as early as earlier during clear weather conditions and keep for sun drying in sunny conditions or keep it in safer places during rainy or cloudy conditions.
- In mango, provide support to the young plants of mango to protect against rain and high wind speeds. Application of 10 % Bordeaux paste in cut/pruning branches of the fruit tree. In addition, RDF, gives biofertilizers viz., Azotobacter 50 ml, PSB 50 ml, KMB 50 ml and Trichoderma 100 g per adult tree.
- In brinjal, due to continuous humid and cloudy weather conditions, if sucking pests like white fly and jassid are observed in the brinjal crop, then undertake spraying of diafenthiuron 50 WP 4 ml or thiamethoxam 25 WG 4 g in 10 litres of water in clear and calm weather conditions.

Maharashtra

Konkan received rainfall of 35.9 mm (-8% normal), 5.8 mm (-75% normal) rainfall over Madhya Maharashtra, 4.7 mm (-78% large deficit) rainfall over Marathwada, and 3.8 mm (-78% large deficit) rainfall over Vidarbha from 01 October to 05 October 2025. The extended range weather forecast (rainfall) for the next two weeks (03-09 October 2025 and 10-16 October 2025) is excess rainfall over Konkan, deficit rainfall over Madhya Maharashtra, normal rainfall over Marathwada and large excess rainfall over Vidarbha for week 1 and large deficit rainfall over Konkan, deficit rainfall over Marathwada and Madhya Maharashtra, normal rainfall over Vidarbha for week 2.

Vidarbha

- Undertake timely harvesting of the mature soybean crop immediately after the change in pod colour to minimise the yield losses and ensure safe storage of harvested produce to protect from quality deterioration due to rain.
- In cotton, undertake the plant protection schedule in clear weather conditions. Foliar spray of 1% urea and 1% Magnesium sulphate in the boll development stage is advisable to avoid reddening of cotton in the later crop stage. Foliar spray of 2% DAP at the boll development stage is advisable for better productivity.

- Ensure protection of farm animals during thunderstorms/lightning, and heavy rainfall. Avoid outdoor grazing. Screening of farm livestock, draught / milch animals for diseases should be considered, and they should be dewormed and vaccinated in sheep and goat. Preventive vaccination for Bulkandi disease (Rinderpest) is advisable.
- In cotton, in dry weather areas initial incidence of aphids/jassids is observed. Undertake foliar spray of *Metarhizium anisopliae* (CFU – 2 X 10⁸) @ 50 g OR *Verticillium lecanii* (CFU – 2 X 10⁸) @ 50 g OR 5% neem extract OR Azadirachtin 0.03% (300 ppm) @ 50 ml per 10 litres of water.

Marathwada

- Harvesting of the mature soybean crop should be done as early as possible and stored at safe places. Threshing of harvested soybeans should be done after drying. Precautions should be taken so that water may not stagnate in the soybean crop and drain out excess amount of water from the field.
- Precautions should be taken so that water does not stagnate in the pigeon pea crop and the excess amount of water from the field. Phytophthora disease spreads widely in Pigeon pea crop due to water logging condition in field. If symptoms are observed, for management, Take a spraying & drenching of @ 500 grams (25 grams per 10 litres of water) of Metalaxyl M 4% + Mancozeb 64% (premixed fungicide) should be sprayed on the trunk and tree per acre Or Trichoderma @ 500 grams (25 grams per 10 litres of water) mixed in water should be sprayed and drenching per acre during clear weather condition.
- Precautions should be taken so that water may not stagnate in the cotton crop, and remove the excess amount of water from the field. If internal boll rot and external boll rot are observed in the cotton crop due to continuous cloudy weather, high humidity in the air and drizzle.
- Precautions should be taken so that water may not stagnate in the Pomegranate orchard and drain out the excess amount of water from the field. Remove extra tillers. For fruit development, take a spray of 00:00:50 @ 1.5 kg per 100 litres of water in a citrus orchard during clear weather conditions.

Madhya Maharashtra

- As there is a possibility of rainfall, harvesting of soybeans when pods turn yellow-brown should be done. Delaying harvest may cause pods to shatter.
- Due to heavy rains and water stagnation, 100 per cent loss of the onion crop is noticed. Early rabi planting or direct seeding is advised.
- Due to heavy rains, water stagnation and high velocity winds, more than 70 per cent of banana-bearing plants collapsed. Under this situation, the lodged ready to market bananas can be sold to chip-making units to recover some loss.
- In banana, for control of sigatoka disease, spray metiram 55% + pyraclostrobin 5% (60% WG) 30 grams per 10 litres of water when there are no rains.
- Safflower: The recommended varieties are P. Bhiwara, P. Gold, and P. Kiran.
- Chickpea: Recommended varieties include Vikrant, Vishwaraj, Vikram, Vishal, and Digvijay.

Chhattisgarh

The rainfall received over Chhattisgarh was 45.6 mm (158% large excess) from 01 October to 05 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) over Chhattisgarh is a large excess of rainfall for week 1 and excess rainfall for week 2.

- Weeding and earthing up should be stopped during pegging to the pod formation stage in the groundnut crop.

- Maize crop is at the grain filling stage.
- First picking of mature pods should be done, and continuous monitoring of the economically harmful insects in black gram and green gram crops should also be done.
- To prevent blast disease in rice crop, spray Nativio 75 WG @ 0.4 g/litre or Tricyclazole fungicide (Beam or Ban and other similar products) @ 6 g/10 litre at an interval of 12-15 days.

Assam

The rainfall received over Assam was 57.3 mm (65% large excess) from 01 October to 05 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks for Assam (03-09 October 2025 and 10-16 October 2025) is excess rainfall for week 1 and a large excess rainfall for week 2.

- Repair the bunds in the paddy fields to conserve rainwater and maintain standing water of 5±2 cm depth. Since there is no possibility of getting heavy rainfall in the coming 5 days, we can go for the second top dressing with Urea @ 4.5 kg per bigha in the medium and long duration semi dwarf varieties and 1.5 kg per bigha in medium and long duration tall varieties of *sali* rice, which are at the panicle initiation stage.
- Considering the probability of occurrence of light rainfall, it is suggested to continue sowing green gram and black gram seeds in the main field and complete it by mid-September. Collect recommended varieties of black gram like KU 301, Pant U 19, Sonkush (SB 23-5), Manash (SB 32-13), SBC 40, SBC 47, PU-31, etc. and green gram like SGC 16, SGC 20, Pratap, Sonai, K 851, etc.
- Continue nursery sowing of mid-season varieties of Cauliflower and mid-season varieties of Broccoli under shed-nets or poly houses. For sowing, collect recommended varieties of Cauliflower like Improved Japanese, Pusa Synthetic, Pusa Snowball and Main Crop Patna and Broccoli like Green Sprouting Medium, Corsair, Cruiser, Emerald, Corona, etc. Before sowing, treat the seeds with fungicides like Carboxin @ 2g/kg seeds.
- Start sowing of brinjal seeds in the seedbed by selecting the recommended varieties like Pusa Purple Cluster, Borbengena, and BWR-34, Pusa Kranti, Pusa Purple Long (Long type); Pusa Purple Round, Pusa Bhairab, BWR-12 (round type); BB-7, Pant Samrat, (oblong type). Before sowing, treat the seeds with Carboxin @ 2g/kg seeds. Select Pusa Purple Round in areas where the crop is susceptible to shoot borer infestation.
- As sufficient water has already accumulated in the fisheries and there is a possibility of getting rainfall in the coming 5 days, raise nylon nets around the fish ponds to prevent the fish from eloping.

Jharkhand

Rainfall of 62.8 mm (209% large excess) was received over Jharkhand from 01 October to 05 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) over Jharkhand is a large excess of rainfall for week 1 and excess rainfall for week 2.

- In rice, keeping in mind the weather forecast for the next five days, keep the bund close in the paddy field so that water can accumulate.
- The moong crop planted in June is in their mature stage. Farmers should harvest the mature crop to avoid grain loss.
- The time has come to take care of such a crop of maize where grains are appearing in the cob. For this, farmers should tie bright ribbons in the fields with the help of poles, and birds run away after seeing the glow produced by the sunlight falling on these ribbons.

- Sowing of tomato in a raised bed and a net shed for nursery seedlings. Treat the seeds with *Trichoderma viride* @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds. Improved varieties – Swarna Lalima, Arka Aabha, Swarna Sampada, Swarna Smraddhi, Pusa Hybrid-1, Suraksha. Keep the distance between rows 60 cm and the distance between plants 30 cm; for hybrid varieties, keep the distance 60 X 60 cm.
- Farmers can sow cauliflower or cabbage seeds at this time. Add cow dung manure at the rate of 80 to 100 kg per acre, urea 105 kg, 150 kg phosphorus, 40 kg potash per acre. Improved varieties of cauliflower - Pusa Katki, Pusa Deepali, Pusa Himjyoti, Pant Subhra 4; Improved varieties of cabbage - Golden Acre, Early Drumhead, Pride of India 2, Late Drumhead.
- Those farmers who want to cultivate early Potato, they should arrange for the best quality seeds, fertilisers etc. Choose either Kufri Ashoka or Kufri Pukhraj, the recommended early potato variety. For sowing in one acre, 12 quintal seed (20-30-gram sprouted tuber), 40 kg urea, 70 kg DAP, 80 kg murate of potash and 10 kg sulfur are required.
- Farmers are advised to go for the sowing of indigenous radish in the current weather conditions. Take seed rate as 4 – 5 kilograms per acre, spacing should be 15 – 20 cm row to row and 10 cm plant to plant. Improved varieties are Pusa Deshi, Kasha Hans, Pusa Roshani, and Pusa Himani.

Uttar Pradesh

Eastern Uttar Pradesh received rainfall of 40.0 mm (242% large excess) and Western Uttar Pradesh received rainfall of 15.3 mm (142% large excess) from 01 October to 05 October 2025. The extended range weather forecast (rainfall) for the next two weeks (03-09 October 2025 and 10-16 October 2025) is a large excess of rainfall over Eastern Uttar Pradesh and Western Uttar Pradesh during week 1 and normal rainfall over Eastern Uttar Pradesh and a large deficit of rainfall over Western Uttar Pradesh for week 2.

Western Uttar Pradesh

- Under the present weather conditions, farmers are advised to monitor the paddy crop for the infection of bacterial leaf blight. If farmers observe that paddy leaves are yellowing, water-soaked streaks are spreading from leaf tips and margins, becoming larger and sometimes leaves completely become yellow, then they are advised to spray a solution of copper hydroxide 77 WP @ 1.25 kg/ha, mixing with 150 litres of water at 10-12-day intervals.
- In sugarcane, drenching of soil with insecticide for preventing termite attack. Control of *Pyrilla* insects in autumn-sown canes.
- In pigeon pea/ maize, the Application of insecticide for control of fall army worm. Top dressing of nitrogenous fertilizers in a 40-45-day-old crop. Drainage channels are used to remove excess water from the field.
- Keeping the present weather in view, farmers are advised to monitor their fields regularly. Spray of Imidacloprid 17.8 % SC @ 1.0 ml / 3 lit. of water is recommended against white flies and other sucking pests in all crops and vegetables when the sky remains clear.
- Farmers are advised to sow green gram in vacant fields. Recommended late sown varieties are Pant moong-1, 3, 4, Narendra moong-1, 4, PDM-11, Malveeya jyoti, Samrat, Malveeya janchetna, Malveeya janpriya, Malveeya jagrati, Asha, Meha, MH-2-15, and TM-9937 for the purpose.

Western Uttar Pradesh

- As per the extended range weather forecast, large excess rainfall, above normal day and below normal night temperature during 03 to 09 October, farmers are advised to no need of irrigation in the paddy crop due to 45.6 mm rainfall forecast during this week. 1/4 dose of Urea should be top-dressed on late-transplanted rice at the panicle initiation stage.
- Farmers are advised to harvest the mature crop, and threshing should be done in maize.
- In black gram and green gram, harvest the mature crop, and threshing should be done.

- In pigeon pea, if seen leaf roller spray Quinalphos 25 EC, 2.0 lt. /ha with 500 to 600 lt. of water.
- In Toria, Thinning and weeding can be taken up.
- For control measure of shoot borer, apply 2% dust of Phenthoate @ 25 to 30 kg/ha. Or Fenitrothion 50 EC or Quinalphos 25 EC, 2.0 lt. /ha with 500 to 600 lt. of water.

Haryana

Rainfall of 4.9 mm (62% large excess) was received over Haryana from 01 October to 05 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) over Haryana is a large excess of rainfall for week 1 and a large deficit rainfall for week 2.

- In the event of rain, farmers are advised to pick the cotton earlier. Due to the possibility of rain, farmers are advised to start picking when the weather remains clear. Due to the possibility of favourable weather or after rain, the infestation of Boll rot disease may occur in cotton. For control of Boll rot, spray university recommended chemical when the weather remains clear
- In sugarcane, avoid stagnation of water, drain out the excess waterlogging. Apply 25 kg of urea per acre in the field or spray 2.5% urea. In late sowing, to prevent sugarcane from falling, mound the soil properly and do second tying by September. Keep vigil for borers.
- In rice, due to the prevailing favourable weather conditions (high humidity and optimum temperature) prevailing in the atmosphere, farmers are advised to monitor the infestation of leaf folder larvae in the rice crop.

Punjab

Rainfall of 7.1 mm (254% large excess) was received over Punjab from 01 October to 05 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) over Punjab is a large excess of rainfall for week 1 and a large deficit of rainfall for week 2.

- In sugarcane, Plant CoPb 95, CoPb 96, Co 15023, CoPb 92, Co118, CoJ 85 and CoJ 64 during 20 September to 20 October. Prop up the sugarcane crop at the beginning of this month by using the trash-twist method. Irrigate the crop at regular intervals to get better yields.
- In cotton, to hasten boll opening, last irrigation may be given at the end of September.
- In rice, harvest the mature crop and store it at the proper place.
- In citrus, leaf miner can be checked by spraying 200 ml Crocodile/Confidor 17.8 SL (imidacloprid), and citrus psylla can be checked by spraying 200 ml Crocodile/Confidor 17.8 SL or 160g Actara/Dotara 25 WG or 6.25 litres Mak HMO in 500 litres of water per acre. To check for either rip or die back, anthracnose or stem-end rot diseases, spray the plants with Bordeaux mixture 2: 2: 250.
- In grapes for the control of anthracnose disease, spray the vines with Bordeaux Mixture in the middle of September and again in September

Jammu

Rainfall of 11.0 mm (183% large excess) was received over Jammu from 01 October to 05 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (03-09 October 2025 and 10-16 October 2025) over Jammu is a large excess of rainfall for week 1 and a large deficit for week 2.

- In rabi oilseed (toria), farmers can go for sowing of intercrop toria with gobi sarson after receipt of rainfall. But before sowing, treat the seed with Captan/Thiram @3g/kg seed against alternaria blight/seedling rot. Apply the whole quantity of P, K, Sulphur & half dose of N at the time of sowing.
- In paddy, due to the Chances of rainfall during the next four days, farmers are advised to postpone harvesting of early maturing varieties till the weather improves.
- In rabi fodder (barseem), Sowing of berseem crop (mascavi, pusa giant, BL-1) with a seed rate @ 25 -30 kg/ha. Treat the seed with Rhizobium (Rhizobium trifolii) culture, before sowing.
- Postpone harvesting of the maize crop till the weather gets clear, as rainfall is likely to be expected during the next five days.
- Sowing of winter potato (var.K Badshah, K.Sinduri, K.Chipsona & K.Sona) can be done during this period.
- Sowing of radish (var. P.Reshmi), carrot (var. Pusa Kesar, P.Yamdagani), Turnip (var. PTWG), garlic (var. local, Yamuna Safed Agrifound Parvati), Methi (var. Pusa early bunching and Kasuri Methi) and spinach (var all green) is also recommended.
- Farmers are advised to remain vigilant against the attack of citrus canker in citrus plants. Keep the area free of weeds.

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