



### 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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> भारतीय कृषि अनुसंधान परिषद Indian Council of Agricultural Research (ICAR)

> > और

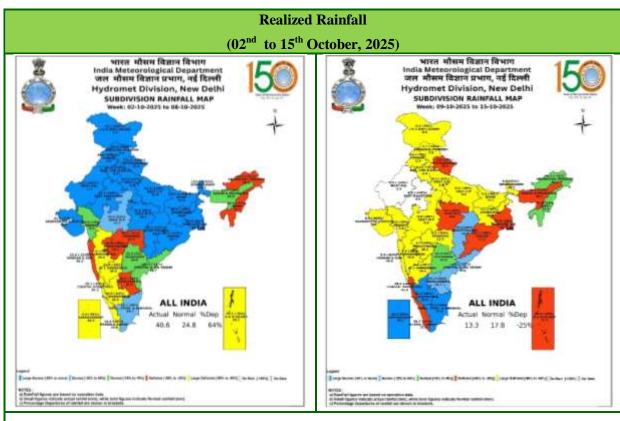
भारतीय मौसम विज्ञान विभाग India Meteorological Department (IMD)

पृथ्वी प्रणाली विज्ञान संगठन Earth System Science Organization

#### वास्तविक वर्षा तथा विस्तारित अवधि पूर्वानुमान

## Realized Rainfall and Extended Range Forecast (वर्षा और तापमान)

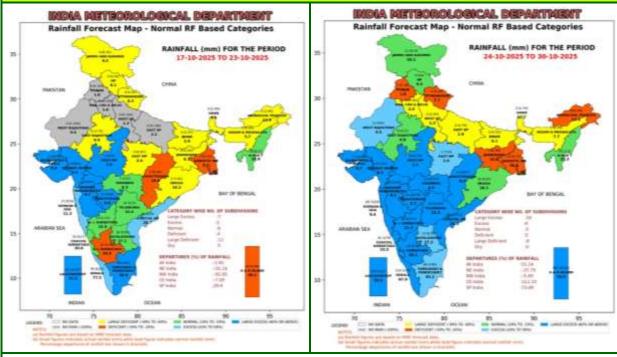
(Rainfall and Temperature)



- Normal or above normal rainfall occurred in both the weeks over Chhattisgarh, Telangana, Coastal Andhra Pradesh & Yanam and Tamil Nadu Puducherry & Karaikal.
- Normal or above normal rainfall occurred in either of the two weeks over Jammu & Kashmir and Ladakh (UTs), Himachal Pradesh, Uttarakhand, Punjab, Haryana Chandigarh & Delhi, Uttar Pradesh, Bihar, Jharkhand, Odisha, West Bengal & Sikkim, Assam & Meghalaya, Arunachal Pradesh, Nagaland Manipur Mizoram & Tripura (NMMT), Gujarat State, Rajasthan, Madhya Pradesh, Rayalaseema, South Interior Karnataka and Lakshadweep.
- Below Normal rainfall occurred in both the weeks over rest of the States & UTs.

#### **Extended Range Forecast System**

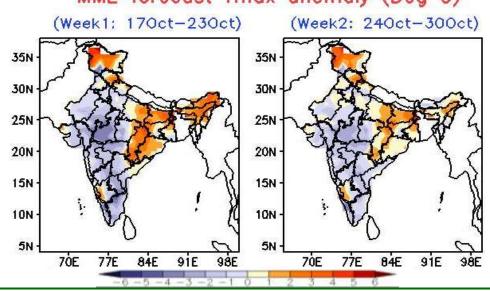
Rainfall forecast maps for the next 2 weeks (IC- 15<sup>th</sup> October, 2025) (17<sup>th</sup> to 30<sup>th</sup> October, 2025)



- Week 1 (17.10.2025 to 23.10.2025): Rainfall is likely to be above normal over South Kerala, coastal regions of Tamil Nadu and Coastal Andhra Pradesh.
- Week 2 (24.10.2025 to 30.10.2025): Rainfall is likely to be above normal over South India and Maharashtra.

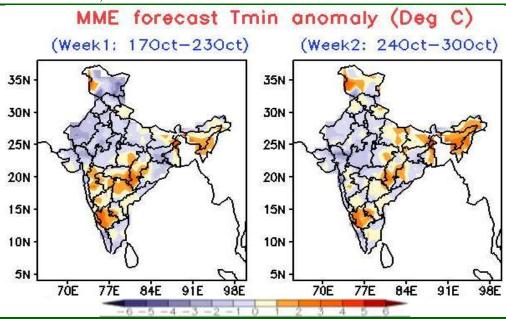
# Maximum and Minimum temperature anomaly (°C) forecast for the next 2 weeks (IC- 15<sup>th</sup> October, 2025) (17<sup>th</sup> to 30<sup>th</sup> October, 2025)

MME forecast Tmax anomaly (Deg C)



#### **Maximum Temperature (Tmax)**

• Week 1 (17.10.2025 to 23.10.2025) and Week 2 (24.10.2025 to 30.10.2025): Maximum temperature is likely to be above normal over East and North East India, Chhattisgarh, Jammu & Kashmir, Himachal Pradesh and East Uttar Pradesh.



#### **Minimum Temperature (Tmin)**

- Week 1 (17.10.2025 to 23.10.2025): Minimum temperature is likely to be below normal over North West India. However, it is likely to be above normal over North East India, Karnataka, Maharashtra, Telangana and Chhattisgarh.
- Week 2 (24.10.2025 to 30.10.2025): Minimum temperature is likely to be below normal over many parts of North West India. However, it is likely to be above normal over North East India, Bihar, East Uttar Pradesh, Chhattisgarh, Karnataka, some parts of Jammu & Kashmir and West Bengal.

## Strategic Agricultural Planning based on Rainfall till 30 October 2025 Agromet Advisories

#### Kerala

Kerala received 142.8 mm (-31% deficit) of rainfall from 01 October to 20 October 2025. Kerala's extended-range weather forecast (rainfall) for the next two weeks (17-23 October 2025 and 24-30 October 2025) in Kerala is excess rainfall for week 1 and a large excess rainfall for week 2.

- In rice (*mundakan*), spray cow dung supernatant along with Pseudomonas (2%), twice at 10-day interval.
- In banana, Spray Mancozeb (@2g per litre), only on immature bunches. Cover the bunches with polyethene sheets having pin holes on them. This will help to protect the bunches from bird attack also.
- In coconut, as a prophylactic measure to control bud rot, apply 1% Bordeaux mixture in the tender leaf axils.
- In arecanut, take necessary phyto-sanitary measures and provide proper drainage facilities. Spray 1% Bordeaux mixture with sticker as a prophylactic measure to control mahali and bud rot diseases.
- In cardamom, apply fertilizers @ 33kg Urea, 75kg Rock phosphate and 50kg Potash per acre. Take necessary phyto-sanitary measures to manage capsule rot (*Azhukal* disease) and spray 1% Bordeaux mixture (500-1000 ml/plant).

#### Tamil Nadu

Tamil Nadu received 150.4 mm (58% excess) of rainfall from 01 October to 20 October 2025. The extended-range weather forecast (rainfall) for the next two weeks (17-23 October 2025 and 24-30 October 2025) in Tamil Nadu is large excess rainfall for week 1 and excess rainfall for week 2.

- In paddy, farmers are advised to ensure proper drainage channels to prevent crop lodging.
- In maize, rainfall is predicted; hence, farmers are requested to monitor the fields and drain excess water to avoid crop lodging.
- In rainfed and irrigated crops, Heavy rainfall is expected in the coming days. Postpone the plant protection activities until the rain completely stops.
- In cattle, to protect your animals from lightning and thunderstorms. Do not allow the animals to graze outside, and don't tie the animals to the electric poles or under trees. Check for aflatoxin contamination in the dry fodder before feeding your cattle.

#### Karnataka

Coastal Karnataka received 131.2 mm (-8% normal) rainfall, North Interior Karnataka received rainfall of 22.8 mm (-72% large deficit), and South Interior Karnataka received rainfall of 128.1 mm (33% excess) from 01 October to 20 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) is normal rainfall over Coastal Karnataka and North Interior Karnataka, deficit rainfall over South Interior Karnataka for week 1, and a large excess rainfall over Coastal Karnataka, North Interior Karnataka, and 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.

- Cloudy and humid weather may increase Pod borer and Sterility mosaic incidence. To control of fruit borer in red gram to spray Indoxacarb 14.5 SC @ 0.5 ml/litre of water or spray Chlorantraniliprole 8.5 SC @ 0.3 ml/litre of water
- To control of cob borer in maize to spray Malathion 50 EC @ 2 ml/litre of water.
- To control of Pod borer in red gram to spray Indoxacarb 14.5 SC @ 0.5 ml/litre of water.
- Humid conditions may increase Tikka leaf spot and rust. To control of Tikka diseases in groundnut to spray Carbendazim @ 1 g/litre of water.
- Cowpea: To control Aphids to spray Dimethoate 30 EC @ 1.75 ml/litre of water

#### North Interior Karnataka

- In sugarcane, Top dressing of Nitrogenous and Potash fertilizers. 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, soak 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 it of water. Use high volume sprayer, the nozzle directed towards the whorls.
- 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 126.6 mm (4% normal) and 86.4 mm (-2% normal) of rainfall in the Rayalaseema region from 01 October to 20 October 2025, the extended-range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) shows excess rainfall over Coastal Andhra Pradesh and normal rainfall over Rayalaseema for week 1 and shows excess rainfall over Coastal Andhra Pradesh and large excess rainfall over Rayalaseema for week 2.

- Bengalgram growing farmers are advised to take up sowing from October 15th to November 15th and also select high yielding Desi varieties i.e., Nandyal Gram 1267 (NBeG 1267), Nandyal Gram 776 (NBeG 776), Nandyal Gram 857 (NBeG 857), Nandyal Gram 452 (NBeG 452), Nandyal Gram 49 (NBeG 49), Dheera (NBeG 47), Nandyala Sanagal (NBeG 3), JG 11 and JAKI 9218. Kabuli: Nandyal Gram 119 (NBeG 119), Nandyal Gram 810 (NBeG 810), KAK 2, Vihar (Phule G 95311) with seed rate of 30-35 kg/ acre.
- Present weather conditions are congenial for the incidence of tikka leaf spot in groundnut. To control, farmers are advised to spray Hexaconazole@ @ 2 ml/L or Chlorothalonil @ 2g/L or Tebuconazole@ 1 ml/L of water.
- Paddy crop is at panicle initiation to grain development stage. Present weather conditions are congenial for BPH incidence in paddy. To control spray acephate @ 1.5 g/l. If BPH incidence is severe spray pymetrozine @ 0.6 g or dinotefuran @ 0.4 g/L.
- Red gram crop is at the vegetative to flowering 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 chlorpyriphos @2.5 ml per litre of water. Suggested to take up spraying operations based on local weather conditions. At present groundnut crop is at the vegetative stage

to grain development stage. Current weather conditions are congenial for the incidence of fall armyworm and turcicum leaf blight in maize. Farmers are advised to spray emamectin benzoate @0.4~g and saff@2~g/ litre of water.

#### **Odisha**

Odisha received rainfall of 112.8 mm (29% excess) from June 1 to August 31, 2025. The extended range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) over Odisha is a large deficit rainfall for week 1 and normal rainfall for week 2.

- To control foot rot disease in paddy spray Metalaxyl 8% +Mancozeb 64% WP @ 400- gram/acre or Carbendazim 12% +Mancozeb 63% WP @ 400-gram/acre.
- Harvest matured crops like vegetables & pulses and keep them in a safe place.
- Deworming and vaccination against Foot and Mouth Disease and Brucellosis should be advised in animals.
- Vegetable seedlings should be transplanted in afternoon hours.
- Now the condition is optimum for land preparation and nursery sowing of cauliflower, cabbage, knolkhol, Carrot and radish.
- Termites may damage crops and vegetables in the present weather condition. Farmers are advised to spray Chlorpyriphos 20 EC @ 4 ml/litre of water.
- So, farmers are advised to stop all outdoor activities once you hear thunder or see lightning.

#### Madhya Pradesh

East Madhya Pradesh received rainfall of 43.7 mm (38% excess) and West Madhya Pradesh received rainfall of 25.9 mm (0% normal) from 01 October to 20 October 2025. The extended range weather forecast (rainfall) for the next two weeks (17-23 October 2025 and 24-30 October 2025) is a large deficit of rainfall over East Madhya Pradesh and large excess rainfall over West Madhya Pradesh for week 1 and excess rainfall over East Madhya Pradesh and a large excess rainfall over West Madhya Pradesh for week 2.

- Harvest the pulse crop in the coming week and keep it under shade and protected conditions.
- In rice, Monitoring the field against shoot borer and hopper infestation.
- In vegetables, Sowing of garden pea, potato crop. Monitor the field against termites. Transplant seedlings of onion, chilli and brinjal, and cauliflower and cabbage in the field, preferably on raised beds. Sowing of spinach, fenugreek and lettuce vegetables.
- In fruit, under humid conditions, citrus canker may occur in the tree. The affected leaves and twigs are destroyed by breaking, after that, a spray of solution at 180 grams of copper oxychloride and at 6 grams of streptocycline in 60 litres of water.

#### Gujarat

Gujarat received rainfall of 12.4 mm (-35% deficit) from 01 October to 20 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) over Gujarat is a large excess rainfall for week 1 and week 2.

- In sugarcane, New plantation of sugarcane crop should be done after proper preparation of land at proper moisture condition. Deep plough and level the soil. Apply FYM (25 t/ha)/ Compost (15 t/ha) at the time of ploughing.
- In paddy, Drain the water from the paddy kyari 10-15 days before the harvesting. Harvest the crop when there is no possibility of rainfall and the sky is clear.
- In pigeon pea, Sterility mosaic disease in pigeon pea is transmitted by mites, so to control of this pest, spray Propargite 57 % EC 10 ml or Fenazaquin 10 % EC 10 ml or Fenpyroximate 5 % EC 10 ml in 10 liters of water.
- In castor, Apply Malathion 50 % EC @ 60 ml/15 liter or Chlorpyriphos 50 EC + Cypermethrin 5 EC @ 15 ml/15 liter for control of castor hairy caterpillars and semi-looper.

#### Maharashtra

Konkan received rainfall of 60.6 mm (-38% deficit), 13.3 mm (-79% large deficit) rainfall over Madhya Maharashtra, 22.2 mm (-53% large deficit) rainfall over Marathwada, and 18.0 mm (-61% large deficit) rainfall over Vidarbha from 01 October to 20 October 2025. The extended range weather forecast (rainfall) for the next two weeks (17-23 October 2025 and 24-30 October 2025) is a large excess rainfall over Konkan, Madhya Maharashtra and Marathwada and normal rainfall over Vidarbha for week 1 and large excess rainfall over Konkan and Madhya Maharashtra, Marathwada and Vidarbha for week 2. *Vidarbha* 

- Immediately after change in pod colour, undertake timely harvesting of mature soybean crop and ensure safe storage of the harvested produce to protect from quality deterioration due to rains.
- In cotton, Undertake the plant protection schedule in clear weather conditions. Foliar spray of 1% urea and 1% Magnesium sulphate and 2% DAP in the boll development stage is advisable to avoid reddening of cotton in the later crop stage.
- In chickpea, Rainfed chickpea (Jaki 9218, PDKV Kanchan, Vijay) can be sown up to first fortnight of October. Seed treatment with Rhizobium + PSB (each 25 g / kg seed) and bio fungicide Trichoderma @ 4 g per kg seed is advisable.

#### Marathwada

- Harvesting of the mature soybean crop should be done as early as possible and stored in safe places. Threshing of harvested soybeans should be done after drying.
- Sowing of chickpea use 60 Kg/ha seed for small size desi seed, 70 kg/ha seed for medium size, 100 Kg/ha seed for big size (Kabuli) for sowing of chick pea crop. Apply 25:50:30 Kg NPK per hector at the time of sowing. Before sowing seed, treatment should be done of 2.5 g Carbendazim or 10 g Trichoderma per Kg seed and 10 g Trichoderma or 3 g Thiram per kg seed.
- Sowing of safflower 10 to 12 Kg per hector seed rate is required for sowing. Out of recommended 60:40:00 Kg NPK per hector fertilizer dose apply 30 Kg N and 40 Kg P per hector at the time of sowing and top dressing of 30 Kg N should be done one month after sowing.
- Sucking pest may observed in cotton crop, for management of sucking pest take a spray of 5%NSKE or Flonicamid 50% @ 80 gm or Fipronil 5 % @ 600 ml or Dinotefuran 20 % @ 60 ml or Spinetoram 11.7% @ 160 ml or Buprofezin 25 % @ 400 ml per acre during clear weather condition.

#### Chhattisgarh

The rainfall received over Chhattisgarh was 79.7 mm (104% large excess) from 01 October to 20 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) over Chhattisgarh is a deficit of rainfall for week 1 and a large excess rainfall for week 2.

- Harvest the mature black gram, green gram and soybean crop.
- Digging out of matured pod of groundnut crop from the field should be done.
- Picking of matured cobs of maize crop should be done.
- Panicle mite can be observed as chaffy grain and brownish patches on stem. For its control spray Hexythiazox 5.45 EC (Maidan, Cubex, Mytoline and other similar products) @ 500 ml + Propiconazole 25 EC (Tilt, Boost, Bumper, Zerax and other similar products) @ 500 ml/hectare or Proparzite 57 EC@ 750 ml + Propiconazole 25 EC@500 ml/hectare mixed in 500 litres of water
- Brown aphid sucking the main stem of the plant. If infestation is there above ETL, spray Pymetrozine 50 WG @ 300 gm (Apply, Pymetro, Clue and other similar products) or

Dinotefuran 20 SG (Osin, Token and other similar products) @ 200 gm/hectare by dissolving it in 500 liters of water.

#### Assam

The rainfall received over Assam was 108.8 mm (12% normal) from 01 October to 20 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks for Assam (17-23 October 2025 and 24-30 October 2025) shows a large deficit rainfall for week 1 and week 2.

- In Sali rice, insert around 7-8 numbers of bamboo 'T' perches per bigha of land of paddy. It will act as a resting place for predatory birds that will devour insect larvae and egg masses.
- In arecanut, since there is no possibility of getting heavy rainfall in the coming 5 days, go for application of fertilizer in the arecanut plantations which are not affected by water stagnation. Apply 110g Urea, 125g SSP and 115g MOP along with 10 kg of compost in each bearing arecanut palm by ring method.
- Continue sowing of brinjal seeds in the seedbed under shed. Select recommended varieties like Pusa Purple Cluster, Bor bengena, BWR-34, Pusa Kranti, Pusa Purple Long (Long type), Pusa Purple Round, Pusa Vairab, BWR-12 (round type), BB-7, Pant Samrat (oblong type) for brinjal cultivation.
- Continue to sow the seeds of cabbage in the seedbed. Select recommended varieties like Golden Acre, Pride of India, Pusa Mukta (Sel-8), Drum Head, Eclipse Drum Head, etc., for obtaining higher yield.
- It is advised to collect the recommended varieties potato from reliable sources. The recommended varieties are Kufri Chandramukhi, Kufri Jyoti, Kufri Megha, Kufri Sindhuri etc.
- Since there is no possibility of getting heavy rainfall in the coming 5 days continue land preparation for cultivation of French Bean. Apply 26 quintals of FYM along with 4.4 kg Urea, 33.6 kg SSP, 4.5 kg MOP and 1.1 kg Borax per bigha during the time of final land preparation.

#### West Bengal

Gangetic West Bengal received rainfall of 113.3 mm (11% normal) and Sub-Himalayan West Bengal received 178.3 mm (44% excess) from 01 June to 31 August 2025. The extended range weather forecast (rainfall) provided for the next two weeks for West Bengal (29 August-04 September and 05-11 September 2025) is a deficit rainfall over Gangetic West Bengal and large deficit rainfall over Sub-Himalayan West Bengal during week 1 and week 2.

- In kharif rice, Sheath blight incidence is commonly observed during October month in paddy fields with stagnant water and high humidity. Farmers are advised to ensure proper field drainage to reduce disease occurrence. Application of bio-fungicides such as Trichoderma or Pseudomonas fluorescens is recommended for effective management.
- In cabbage and cauliflower, Drain out excess water from the field after heavy rainfall. After water recedes, apply suitable fungicide to the basal soil to prevent fungal infection and damping off in seedlings.
- Damping-off disease in cabbage and cauliflower seedlings is common during this stage. The disease affects young seedlings, causing stem lesions near the soil surface that lead to wilting and collapse. Farmers are advised to prepare seedbeds on well-drained soils and avoid excessive irrigation to prevent water stagnation, which favours disease development. Ensure proper spacing between rows and seedlings to maintain good air circulation.
- Keep the cattle shed clean, dry, and well-maintained at all times. Deworm cattle twice a year as part of regular herd health management. Use mosquito nets or mesh screens to cover shed

openings and prevent insect entry. Ensure adequate ventilation and comfort by installing fans inside the shed.

#### Uttar Pradesh

Eastern Uttar Pradesh received rainfall of 47.7 mm (48% excess) and Western Uttar Pradesh received rainfall of 34.8 mm (75% large excess) from 01 October to 20 October 2025. The extended range weather forecast (rainfall) for the next two weeks (17-23 October 2025 and 24-30 October 2025) is no rainfall over Eastern Uttar Pradesh and Western Uttar Pradesh during week 1 and a large deficit rainfall for week 2.

#### Western Uttar Pradesh

- As per extended range weather forecast no rainfall and normal day and night temperature 17-23 Oct, 2025, farmers are advised light irrigation should be done at milking and dough stage of late planted paddy. Harvest mature paddy crop.
- In pearl millet, Clear weather appearing during this week farmers are advised harvest mature crop and watchful from birds.
- In grams, 68.4 mm rainfall occurred during last week farmers are advised sowing should be done by recommended varieties of Gram Avarodhi, KWR-108, Radhey, JG-16, KGD-1168 and K-850 with 80kg/ha seed for un-irrigated condition.
- In pea, 68.4 mm rainfall occurred during last week farmers are advised sowing should be done by recommended varieties of for Pea such as Rachna, KPMR-400, JP-885, IPF-99-15, KPMR-522, KPMR-144-1 and IPFD-9913 for un-irrigated condition.
- In lentil, 68.4 mm rainfall occurred during last week farmers are advised sowing should be done by recommended varieties of Lentil such as IPL-81, N Mashur, DPL-62 Pant Mashur-5, Pant Mashur-4, DPL-15, K-75, HUL-57KLS-218 and Shekhar-3 for un irrigated condition.

#### Eastern Uttar Pradesh

- If infestation of brown aphid is is above ETL, spray Pymetrozine 50 WG @ 300 gm (Apply, Pymetro, Clue and other similar products) or Dinitrofuran 20 SG (Osin, Token and other similar products) @ 200 gm/hectare by dissolving it in 500 liters of water.
- If symptoms of stem blight disease are observed in arhar crop, spray copper-based fungicide (@ 2.5 g/liter water) or Metalaxyl MZ (@ 1.5 g/liter water) two to three times at an interval of 10-12 days.
- Both the infant and adult white fly suck the juice of the leaves. Therefore, the growth of the plant is stopped and the sugar percentage decreases. For control of this insect, spray Fenitrothion 50 EC @ 2 liters/1000 liter water per hectare at 15-day intervals.

#### Uttarakhand

Rainfall of 41.5 mm (45% excess) was received over Uttarakhand from 01 October to 20 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) over Uttarakhand is a large deficit rainfall for week 1 and deficit rainfall for week 2.

- In wheat, undertake sowing of early varieties. Apply FYM / fertilizers as per soil testing. Seed treatment should be done with suitable fungicide before sowing to control seed-borne disease.
- In lentil, prepare fields and sowing should be done. Apply DAP to meet the phosphorus and nitrogen requirements. Treat seeds with Rhizobium culture.
- In mustard, prepare the field and sow mustard. Apply phosphorus through SSP at last ploughing to meet out phosphorus and sulphur requirements.

- In pigeon pea, keep monitoring for the pod borer in the crop. In case of pest infestation, apply Imidacloprid as per the recommendation. Apply a second spray at an interval of 10-12 days. Spray work should be done in the evening.
- In plum, keep the temperate orchards neat and clean. Apply white powder paste on the tree's trunk [(30Kg Chunna + 500 gm Copper sulphate (neela thotha) + 500 ml Alsi seed oil @ 100 lt of water)] till at 2-3 feet height.

#### Haryana

Rainfall of 31.1 mm (272% large excess) was received over Haryana from 01 October to 20 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) over Haryana is no rainfall for week 1 and a large deficit for week 2.

- Possibilities of variable weather, farmers are advised to keep in mind the changing weather before picking the cotton. The picking in the Desi Cotton/ American Cotton/BT Cotton field after the sun rises and evaporates the dew from the cotton ball.
- Possibility of favourable temperature farmers are advised to sowing of gram crop with the recommended variety for irrigated areas are C 235, HC 5 and un-irrigated/rainfed variety HC 1.
- Possibilities of fall in temperature during the period, farmers are advised to sow of Mustard crop with recommended certified varieties like RH 30, RH 0749, RH 0406, Varuna, Luxmi, if sufficient moisture is available in the field. Before sowing of mustard, the seed treated with the 2-gram of Carbendazim per kilogram gram seed.

#### Punjab

Rainfall of 30.0 mm (300% large excess) was received over Punjab from 01 October to 20 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) over Punjab is no rainfall for week 1 and deficit rainfall for week 2.

- In wheat, procure good quality seed from some government agencies like PAU, State Agriculture Department, etc. Start sowing wheat from the last week of October.
- The newly planted fruit plants should be staked with bamboo sticks to build a strong framework and proper shape. The suckers arising from the rootstock portion should be removed regularly.
- Intercropping of Rabi season crops like wheat, peas, senji and black gram can be done in young and non-bearing orchards. Make sure that the irrigation system for intercrop and fruit plants is separate.
- In rice, Harvest at the proper moisture stage and store the produce in a safer place before marketing.

#### Jammu

Rainfall of 57.4 mm (135% large excess) was received over Jammu from 01 October to 20 October 2025. The extended range weather forecast (rainfall) provided for the next two weeks (17-23 October 2025 and 24-30 October 2025) over Jammu is a large deficit of rainfall for week 1 and normal rainfall for week 2.

• In coarse rice/semi fine/basmati, harvesting and threshing of the early maturing varieties of rice is recommended during these days. Stop irrigation, as and when the grains turn golden in colour.

- In rabi pulses(chickpea/Pea), farmers may go for sowing of Pea (var., AP-1, Bonneville, Rachna and Arkel); Chickpea (var., K-468, Gourav); Treat seed with fungicide (Captan or Thiram) @ 2.0 gm/ kg of seed as well as with crop-specific Rhizobium culture.
- Farmers may go for sowing of mustard (Pusa Bold, RSPR-01, RSPR-03, Kranti) during clear weather at vattar condition of soil. Treat the seed with captan or thiram @ 3g/kg seed before sowing for management of alternaria blight, white rust and downy mildew. Apply the whole quantity of phosphorus, potassium, sulphur and half of nitrogen at the time of sowing.
- Apply 20 tons FYM/ha before transplanting. Apply Nuvan @ 1ml/lt of water in the nursery to avoid the attack of cabbage caterpillar/leaf eating caterpillars. Sowing of winter potatoes (var.K Badshah, K.Sinduri, K.Chipsona & K.Sona) is recommended.
- In maize, harvest the maize crop as and when the cobs dry, turn brown, and the grain hardens as soon as possible. Pick up the cobs and put them on the dry threshing floors for thorough drying.

#### Disclaimer:/अस्वीकरण:

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