



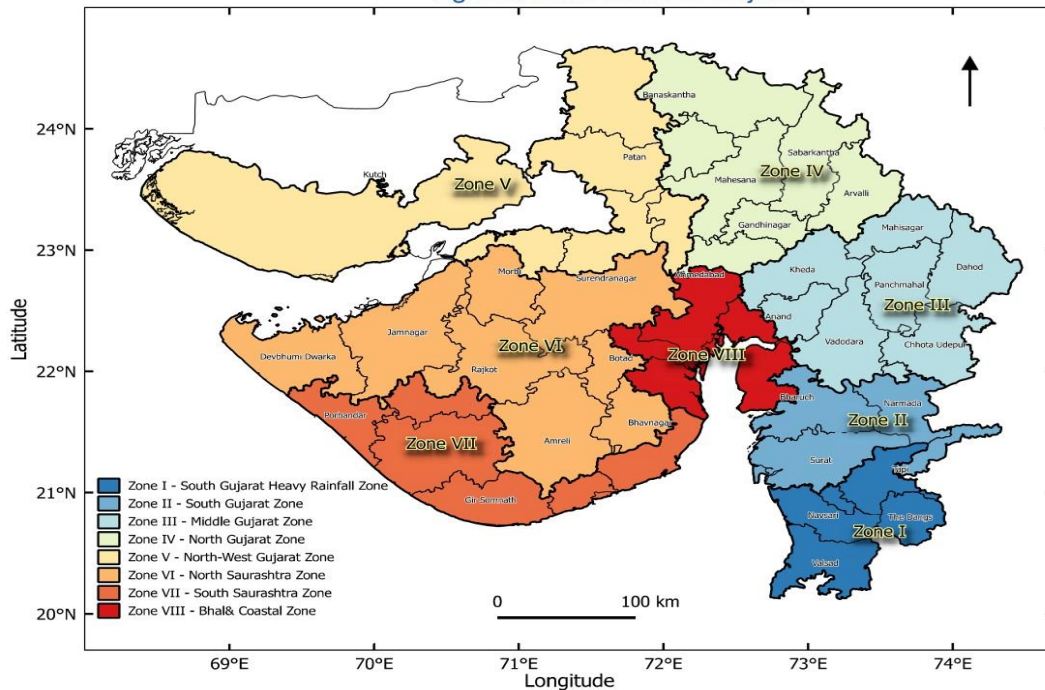
Agromet Advisory Service Bulletin for the State of Gujarat

(Advisories mentioned in the bulletin are prepared by different AMFUs and DAMUs in Gujarat)

Bulletin No. 55/2025

Issued on 09-07-2025

Agro-Climatic zones of Gujarat



Weather warnings (Met-Subdivision Level)

DAY1:	Heavy rains very likely at isolated places in the districts of Gujarat region namely Dang, Tapi, Navsari, Valsad and in Daman, Dadara Nagar Haveli. Light thunderstorm with lightning and surface wind 30-40 kmph accompanied with light to moderate rain very likely at isolated places in all the districts of North Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod and Mahisagar; in all the districts of South Gujarat region namely Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi, Navsari, Valsad and in Daman, Dadara Nagar Haveli; in all the districts of Saurashtra-Kutch namely Surendranagar, Rajkot, Jamnagar, Porbandar, Junagadh, Amreli, Bhavnagar, Morbi, Dwarka, Gir Somnath, Botad, Kutch and in Diu.
DAY2:	Heavy rains very likely at isolated places in the districts of Gujarat region namely Navsari, Valsad and in Daman, Dadara Nagar Haveli.

	Light thunderstorm with lightning and surface wind 30-40 kmph accompanied with light to moderate rain very likely at isolated places in all the districts of North Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod and Mahisagar; in all the districts of South Gujarat region namely Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi, Navsari, Valsad and in Daman, Dadara Nagar Haveli; in all the districts of Saurashtra-Kutch namely Surendranagar, Rajkot, Jamnagar, Porbandar, Junagadh, Amreli, Bhavnagar, Morbi, Dwarka, Gir Somnath, Botad, Kutch and in Diu.
DAY3:	<p>Heavy rains very likely at isolated places in the districts of Gujarat region namely Navsari, Valsad and in Daman, Dadara Nagar Haveli.</p> <p>Light thunderstorm with lightning and surface wind 30-40 kmph accompanied with light to moderate rain very likely at isolated places in all the districts of North Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod and Mahisagar; in all the districts of South Gujarat region namely Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi, Navsari, Valsad and in Daman, Dadara Nagar Haveli; in all the districts of Saurashtra-Kutch namely Surendranagar, Rajkot, Jamnagar, Porbandar, Junagadh, Amreli, Bhavnagar, Morbi, Dwarka, Gir Somnath, Botad, Kutch and in Diu.</p>
DAY4:	<p>Heavy rains very likely at isolated places in the districts of Gujarat region namely Dahod, Mahisagar, Navsari, Valsad and in Daman, Dadara Nagar Haveli; in the districts of Saurashtra- Kutch namely Amreli and Bhavnagar.</p> <p>Light thunderstorm with lightning and surface wind 30-40 kmph accompanied with light to moderate rain very likely at isolated places in all the districts of North Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod and Mahisagar; in all the districts of South Gujarat region namely Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi, Navsari, Valsad, and in Daman, Dadara Nagar Haveli; in all the districts of Saurashtra-Kutch namely Surendranagar, Rajkot, Jamnagar, Porbandar, Junagadh, Amreli, Bhavnagar, Morbi, Dwarka, Gir Somnath, Botad, Kutch and in Diu.</p>
DAY5:	<p>Heavy rains very likely at isolated places in the districts of Gujarat region Aravalli, Dahod, Mahisagar, Panchmahal, Chota-Udepur, Navsari, Valsad and in Daman, Dadara Nagar Haveli.; in the districts of Saurashtra- Kutch namely Amreli and Bhavnagar.</p> <p>Light thunderstorm with lightning and surface wind 30-40 kmph accompanied with light to moderate rain very likely at isolated places in all the districts of North Gujarat region namely Banaskantha, Patan, Mehsana, Sabarkantha, Gandhinagar, Aravalli, Kheda, Ahmedabad, Anand, Panchmahal, Dahod and Mahisagar; in all the districts of South Gujarat region namely Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi, Navsari, Valsad and in Daman, Dadara Nagar Haveli; in all the districts of Saurashtra-Kutch namely Surendranagar, Rajkot, Jamnagar, Porbandar, Junagadh, Amreli, Bhavnagar, Morbi, Dwarka, Gir Somnath, Botad, Kutch and in Diu.</p>

Extended Range forecast at Met-Subdivision Level (09st July to 13th July 2025)

Meteorological Sub-Division	Rainfall	Max Temp
Gujarat region	Normal	Below Normal
Saurashtra-Kutch	Normal	Below Normal

- **Likely impacts of weather warnings (General):nil**
- **Impact based advisories (General):**

a) Avoid heat exposure. (b) Wear lightweight, lightcoloured, loose, cotton clothes. (c) Cover your head: Use a cloth, hat or umbrella.

Likely impacts of weather warnings on Agriculture due to temperature:

Do's and Don't for Agriculture crop for heat wave:

Irrigate standing crops lightly and frequently. Increase the amount of irrigation at the critical stage of crop development. Maintain soil moisture by weeding. Irrigate early in the morning or evening. If your area is exposed to heat waves or hot winds, irrigate with sprinklers.

Summary of four days rainfall over the State (05 - 08 July 2025) :

Met Sub Division	05-07-2025	06-07-2025	07-07-2025	08-07-2025
Gujarat region	WS	WS	FWS	SCT /WS
Saurashtra-Kutch	WS/FWS	WS/FWS	FWS/WS	SCT

Rainfall forecast for next 5 days

Met Sub Division	09-07-2025	10-07-2025	11-07-2025	12-07-2025	13-07-2025
Gujarat region	WS	FWS	FWS	FWS	WS
Saurashtra-Kutch	WS	FWS	FWS	FWS	WS

ISOL: Isolated i.e 1 or 2 places

SCT:Scattered i.e Rain at a few places

FWS: Fairly wide spread i.e Rain at many places

Dry:No rain

WS: Widespread,i.e Rain at most places.

Agromet Advisories issued by different Agromet Field Units (AMFUs) of Gujarat

Gujarat region: Met Subdivision

AMFU Navsari (Dangs,Navsari,Valsad districts):

Navsari:

Crop	Weather based Agro-Advisory
Sugarcane	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations. ➤ Prop the sugarcane canes with strong bamboos or tie the canes together in a clump with sugarcane leaves to protect against wind and heavy rain.
Kharif Paddy	<ul style="list-style-type: none"> ➤ Drain out excess rain water from nursery. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations. ➤ If there is excess rainwater in the field, avoid transplanting paddy until the excess water is drained.
Kharif Okra	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Pointed gourd	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Little gourd	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.

Elephant foot yam	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Greater yam	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Tannia	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Mango	<ul style="list-style-type: none"> ➤ Postponed spraying chemical and fertilizer application. ➤ Provide mechanical support to young mango plant. ➤ Postponed the different activities of farm operations. ➤ Drain out excess rain water from mango orchard.
Sapota	<ul style="list-style-type: none"> ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations. ➤ Drain out excess rain water from sapota orchard.
Livestock	<ul style="list-style-type: none"> ➤ For the control of tick and other parasites, spray Deltemethrin or Aemitzaz 2 ml in 1 liter of water. ➤ During heavy rainfall, give sufficient slop on the floor of animal shed to avoid water logging. ➤ Height of animal shed should keep minimum 10 feet for aeration to maintain the floor dry and to control humidity. ➤ Don't keep the animal under tree when there is heavy lightning during rain. ➤ Spray phenyl in the animal shed to avoid flies and mosquitoes. ➤ To protect the animals from electric current when it is raining, keep away from appliances like poles, power boxes and broken wires where the current is on.
Forestry	<ul style="list-style-type: none"> ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations. ➤ Drain out excess rain water.
Fisheries	<ul style="list-style-type: none"> ➤ Increase water depth and maintain water level through pond outlet. ➤ Drain out excess rain water from fish pond.

Dangs:

Main Crops	Stage	Pest / Diseases	Agricultural Advisories
Paddy (Kharif)	Nursery preparation		<ul style="list-style-type: none"> • Make arrangement to remove excess rain water from nursery. • 1/10th area of planting field select for nursery. Land should be prepare after ploughing, harrowing and make raised beds as 1m wide. • Apply well decomposed FYM in each bed.
Finger millet	Nursery preparation		<ul style="list-style-type: none"> • Make arrangement to remove excess rain water from nursery. • 1/10th area of planting field select for nursery. Land should be prepare after ploughing , harrowing and make raised beds as 1m wide, 10-15 cm high, 5-6 meter length according to slop of land. • Apply well decomposed FYM in each bed.
Sugarcane	Grand growth stage		<ul style="list-style-type: none"> • Keep field weed free. Apply light irrigation during morning or evening time. • Prop the sugarcane by tying together the canes in clump to protect against high wind speed. • Remove 25% lower mature leaf to improve sugar content and yield in sugarcane at 6 month of sawing.

Pigeon pea (Kharif)	Sowing		<ul style="list-style-type: none"> Do sowing on ridges or raise bed. Manage spacing of 90×20 cm in sowing. Varieties: GT-105, GT-104,BDM-2 Give seed treatment of <i>Trichodermaviride</i> 20 gm/kg seed.
Tomato	Seedling		<ul style="list-style-type: none"> Prepare seedling in plug-tray or raised bed of farm.
Brinjal	Seedling		<ul style="list-style-type: none"> Prepare seedling in plug-tray or raised bed of farm.
Chilly	Seedling		<ul style="list-style-type: none"> Prepare seedling in plug-tray or raised bed of farm.
Elephant foot yam	Planting time		<ul style="list-style-type: none"> Farmer who has an irrigation facility may plant at February to April.
	Seed treatment		<ul style="list-style-type: none"> Corms treatment by cow dung slurry or Bijamrut which helpful in germinate or corms treated by carbendenzim (2 gm/liter) for 30 minutes.
Greater yam	General Advise		<ul style="list-style-type: none"> Take measures for weed control.
Turmeric	Planting		<ul style="list-style-type: none"> Choose disease free healthy rhizome for planting.
Livestock	General Advise		<ul style="list-style-type: none"> Young calves should be bedded in sacks or dry grass at night. Small pieces of green/ dry fodder with chaff cutter & mixed and weeded animal will be able to digest it well & it will stop spoilage. In rainy season, give sufficient slop on the floor of animal shed to avoid water logging.
Forestry	Plantations	-	<ul style="list-style-type: none"> Weeding and cleaning should be done during first and second year plantations.

Valsad:

Crop	Weather based Agro-Advisory
Sugarcane	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations. ➤ Prop the sugarcane canes with strong bamboos or tie the canes together in a clump with sugarcane leaves to protect against wind and heavy rain.
Kharif Paddy	<ul style="list-style-type: none"> ➤ Drain out excess rain water from nursery. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations. ➤ If there is excess rainwater in the field, avoid transplanting paddy until the excess water is drained.
Kharif Okra	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Pointed gourd	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Little gourd	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Elephant foot yam	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Greater yam	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations.
Tannia	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field. ➤ Postponed spraying chemical and fertilizer application.

	➤ Postponed the different activities of farm operations.
Mango	<ul style="list-style-type: none"> ➤ Postponed spraying chemical and fertilizer application. ➤ Provide mechanical support to young mango plant. ➤ Postponed the different activities of farm operations. ➤ Drain out excess rain water from mango orchard.
Sapota	<ul style="list-style-type: none"> ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations. ➤ Drain out excess rain water from sapota orchard.
Livestock	<ul style="list-style-type: none"> ➤ For the control of tick and other parasites, spray Deltemethrin or Aemita 2 ml in 1 liter of water. ➤ During heavy rainfall, give sufficient slop on the floor of animal shed to avoid water logging. ➤ Height of animal shed should keep minimum 10 feet for aeration to maintain the floor dry and to control humidity. ➤ Don't keep the animal under tree when there is heavy lightning during rain. ➤ Spray phenyl in the animal shed to avoid flies and mosquitoes. ➤ To protect the animals from electric current when it is raining, keep away from appliances like poles, power boxes and broken wires where the current is on.
Forestry	<ul style="list-style-type: none"> ➤ Postponed spraying chemical and fertilizer application. ➤ Postponed the different activities of farm operations. ➤ Drain out excess rain water.
Fisheries	<ul style="list-style-type: none"> ➤ Increase water depth and maintain water level through pond outlet. ➤ Drain out excess rain water from fish pond.

AMFU Maktampur:Bharuch

Main Crops	Stage	Disease/ Pest	Advisory
Cotton	Variety, Spacing & Fertilizer	-	<ul style="list-style-type: none"> • Arboretum: Gujarat Cotton Desi, Hybrid-7, 9, 11, Gujarat Cotton- 13,17, 23, 25 • Hybrid: Gujarat Cotton Hybrid-4, 6, 8, 10, 12 • BT: Gujarat Cotton Hybrid-6, 8, 12, GTHH-49 (BG-II), and other government approved seed. • Seed Rate: 3.5 to 4.0 kg/ha • Seed treatment: Apply seed treatment to hybrid cotton by captain and thiram @ 2-3 g and Imidacloprid @ 7.5 g per Kg seed. • Farmers of South Gujarat Agro-climatic zone-II growing rain-fed Hirsutum cotton (G.N. Cot -26) is recommended to follow spacing of 120cm x 45cm with application of 150 kg N/ha for getting higher seed cotton yield and net profit. The nitrogen should be applied in two split i.e. 50 % as basal and 50 % at 30-40 days after sowing. • For Rainfed Hybrid Cotton: Farmers of South Gujarat agro climatic Zone-II growing cotton (G.Cot.Hy-12) on high P status soils under rain fed condition are advised to sow the crop at spacing of 120 cm x 60 cm and apply 80 kg Nitrogen/ha at 2-3 equal splits depending on available moisture condition.
Pigeonpea	Sowing & Variety	-	<ul style="list-style-type: none"> • Early mature variety: GT-101, GT-103, B.D.N.-711 • Mid-late variety: Vaishali, I.C.P.L.-87119, GT-104, GNP-2 • Seed rate: 12-15 kg/ha • Seed treatment: Before sowing seeds should be treated with thairum or Captan or carbendazim @ 2-3 gm/kg seed. After this, treat the seeds with rhizobium and PSB each @ 20ml/kg.
Sugarcane	<ul style="list-style-type: none"> • Postponed spraying chemical and fertilizer application. • Earthing up should be done at 3-3.5 and 5.5-6 months after planting. • Postponed the different activities of farm operations. • Prop the sugarcane canes with strong bamboos or tie the canes together in a clump with sugarcane leaves to protect against wind and heavy rain. • Drain out excess rain water from standing crop field. 		

	<ul style="list-style-type: none"> •
Banana	<ul style="list-style-type: none"> • Drain out excess rain water from standing crop field. • Postponed spraying chemical and fertilizer application. • Postponed the different activities of farm operations.
Mango	<ul style="list-style-type: none"> • Drain out excess rain water from standing crop field. • Postponed spraying chemical and fertilizer application. • Postponed the different activities of farm operations.
LIVESTOCK	<ul style="list-style-type: none"> • For the control of tick and other parasites, spray Deltamethrin or Aemita 2 ml in 1 liter of water. • During heavy rainfall, give sufficient slop on the floor of animal shed to avoid water logging. • Height of animal shed should keep minimum 10 feet for aeration to maintain the floor dry and to control humidity. • Don't keep the animal under tree when there is heavy lightning during rain. • Spray phenyl in the animal shed to avoid flies and mosquitoes. • To protect the animals from electric current when it is raining, keep away from appliances like poles, power boxes and broken wires where the current is on.

Surat:

Crops	Stage	Crop Advice
Sugarcane		<ul style="list-style-type: none"> • Postponed spraying chemical and fertilizer application. • Earthing up should be done at 3-3.5 and 5.5-6 months after planting. • Postponed the different activities of farm operations. • Prop the sugarcane canes with strong bamboos or tie the canes together in a clump with sugarcane leaves to protect against wind and heavy rain. • Drain out excess rain water from standing crop field.
Cotton		<ul style="list-style-type: none"> • Variety, Spacing & Fertilizer • Arboretum: Gujarat Cotton Desi, Hybrid-7, 9, 11, Gujarat Cotton-13,17, 23, 25 • Hybrid: Gujarat Cotton Hybrid-4, 6, 8, 10, 12 • BT: Gujarat Cotton Hybrid-6, 8, 12, GTHH-49 (BG-II), and other government approved seed. • Seed Rate: 3.5 to 4.0 kg/ha • Seed treatment: Apply seed treatment to hybrid cotton by captain and thiram @ 2-3 g and Imidacloprid @ 7.5 g per Kg seed. • Farmers of South Gujarat Agro-climatic zone-II growing rain-fed

	<p>Hirsutum cotton (G.N. Cot -26) is recommended to follow spacing of 120cm x 45cm with application of 150 kg N/ha for getting higher seed cotton yield and net profit. The nitrogen should be applied in two split i.e. 50 % as basal and 50 % at 30-40 days after sowing.</p> <ul style="list-style-type: none"> • For Rainfed Hybrid Cotton: Farmers of South Gujarat agro climatic Zone-II growing cotton (G.Cot.Hy-12) on high P status soils under rain fed condition are advised to sow the crop at spacing of 120 cm x 60 cm and apply 80 kg Nitrogen/ha at 2-3 equal splits depending on available moisture condition.
Pigeonpea	<ul style="list-style-type: none"> • Variety, Spacing • Early mature variety: GT-101, GT-103, B.D.N.-711 • Mid-late variety: Vaishali, I.C.P.L.-87119, GT-104, GNP-2 • Seed rate: 12-15 kg/ha • Seed treatment: Before sowing seeds should be treated with thairum or Captan or carbendazim @ 2-3 gm/kg seed. After this, treat the seeds with rhizobium and PSB each @ 20ml/kg.
Banana	<ul style="list-style-type: none"> • Drain out excess rain water from standing crop field. • Postponed spraying chemical and fertilizer application. • Postponed the different activities of farm operations.
Mango	<ul style="list-style-type: none"> • Drain out excess rain water from standing crop field. • Postponed spraying chemical and fertilizer application. • Postponed the different activities of farm operations.
Livestock	<ul style="list-style-type: none"> • For the control of tick and other parasites, spray Deltamethrin or Aemita 2 ml in 1 liter of water. • During heavy rainfall, give sufficient slop on the floor of animal shed to avoid water logging. • Height of animal shed should keep minimum 10 feet for aeration to maintain the floor dry and to control humidity. • Don't keep the animal under tree when there is heavy lightning during rain. • Spray phenyl in the animal shed to avoid flies and mosquitoes. • To protect the animals from electric current when it is raining, keep away from • appliances like poles, power boxes and broken wires where the current is on.

Narmada

Crops	Stage	Crop Advice
Banana		<ul style="list-style-type: none"> • Drain out excess rain water from standing crop field. • Postponed spraying chemical and fertilizer application. • Postponed the different activities of farm operations.
Cotton		<ul style="list-style-type: none"> • Variety, Spacing & Fertilizer • Arboretum: Gujarat Cotton Desi, Hybrid-7, 9, 11, Gujarat Cotton-13,17, 23, 25 • Hybrid: Gujarat Cotton Hybrid-4, 6, 8, 10, 12 • BT: Gujarat Cotton Hybrid-6, 8, 12, GTHH-49 (BG-II), and other government approved seed. • Seed Rate: 3.5 to 4.0 kg/ha • Seed treatment: Apply seed treatment to hybrid cotton by captain and thiram @ 2-3 g and Imidacloprid @ 7.5 g per Kg seed. • Farmers of South Gujarat Agro-climatic zone-II growing rain-fed Hirsutum cotton (G.N. Cot -26) is recommended to follow spacing of 120cm x 45cm with application of 150 kg N/ha for getting higher seed cotton yield and net profit. The nitrogen should be applied in two split i.e. 50 % as basal and 50 % at 30-40 days after sowing. • For Rainfed Hybrid Cotton: Farmers of South Gujarat agro climatic Zone-II growing cotton (G.Cot.Hy-12) on high P status soils under rain fed condition are advised to sow the crop at spacing of 120 cm x 60 cm and apply 80 kg Nitrogen/ha at 2-3 equal splits depending on available moisture condition.
Kharif Paddy		<ul style="list-style-type: none"> • Prepare field for nursery by ploughing and harrowing, apply well decomposed FYM or Biocompost and prepare raised bed of 1m wide and convenient length. 1/10th area of Transplanting (1000 sq. m area of nursery for Transplanting in 1 ha field) should be used for nursery. • Procure seeds of newly released variety of rice from University farm. 25 to 30 kg seeds require to transplant 1 ha area. • For transplanting (TP) of paddy, Field should be puddle either with power tiller/mini tractor/bullock just before TP. Level the puddle land. • Apply recommended dose of manures and basal dose of fertilizer. • Give root deep treatment with Bio-fertilizer or apply with manure. • Transplant younger seedling at 20 cm x 15 cm spacing. • Use 2-3 seedlings per hill for TP.

	<ul style="list-style-type: none"> • Apply Pre emergence weedicide within 3 days of TP. • 5 kg Seeds dip in 24 liter of water treated with mercury fungicide 12 gm + Streptocycline sulphate 6gm seeds dip 8 hours for management of seed borne diseases.
Kharif Paddy	<ul style="list-style-type: none"> • Variety & Nuresery Management • Early mature variety (80-100 days): G.N.R.-6, G.R.-3, G.R.-4, G.R.-7, G.R.-12, Gurjari, I.R.-28, G.N.R.-3 • Mid-Late mature variety (100-120 days): G.N.R.-2 , G.R.-11, Jaya, I.R.-22, G.R.-103, G.N.R.-103, S.L.R.-51214, G.N.R.-2, MTU-1010 • Late mature variety (130-140 days): G.R.13, Masoori, G.N.R.-4, G.R.101, G.R.-102, G.R.-104, Narmada. • Hybrid variety: GNRH-2 • Farmers are advised to procure good quality seed from certified source • Apply 250 g 250 g Ammonium Sulphate as a split dose of fertilizer at 15 days after sowing in nursery. • In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency. To overcome this problem, spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water.
Pigeonpea	<ul style="list-style-type: none"> • Variety, Spacing • Early mature variety: GT-101, GT-103, B.D.N.-711 • Mid-late variety: Vaishali, I.C.P.L.-87119, GT-104, GNP-2 • Seed rate: 12-15 kg/ha • Seed treatment: Before sowing seeds should be treated with thairum or Captan or carbendazim @ 2-3 gm/kg seed. After this, treat the seeds with rhizobium and PSB each @ 20ml/kg.
Mango	<ul style="list-style-type: none"> • Drain out excess rain water from standing crop field. • Postponed spraying chemical and fertilizer application. • Postponed the different activities of farm operations.
Livestock	<ul style="list-style-type: none"> • For the control of tick and other parasites, spray Deltemethrin or Aemitaz 2 ml in 1 liter of water. • During heavy rainfall, give sufficient slop on the floor of animal shed to avoid water logging. • Height of animal shed should keep minimum 10 feet for aeration to maintain the floor dry and to control humidity. • Don't keep the animal under tree when there is heavy lightning during rain. • Spray phenyl in the animal shed to avoid flies and mosquitoes. • To protect the animals from electric current when it is raining, keep

	<p>away from</p> <ul style="list-style-type: none">• appliances like poles, power boxes and broken wires where the current is on.
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Tapi

Main Crops	Advisory
SUGARCANE	<ul style="list-style-type: none"> • Postponed spraying chemical and fertilizer application. • Earthing up should be done at 3-3.5 and 5.5-6 months after planting. • Postponed the different activities of farm operations. • Prop the sugarcane canes with strong bamboos or tie the canes together in a clump with sugarcane leaves to protect against wind and heavy rain. • Drain out excess rain water from standing crop field.
Cotton	<ul style="list-style-type: none"> • Variety, Spacing & Fertilizer • Arboretum: Gujarat Cotton Desi, Hybrid-7, 9, 11, Gujarat Cotton- 13,17, 23, 25 • Hybrid: Gujarat Cotton Hybrid-4, 6, 8, 10, 12 • BT: Gujarat Cotton Hybrid-6, 8, 12, GTHH-49 (BG-II), and other government approved seed. • Seed Rate: 3.5 to 4.0 kg/ha • Seed treatment: Apply seed treatment to hybrid cotton by captain and thiram @ 2-3 g and Imidacloprid @ 7.5 g per Kg seed. • Farmers of South Gujarat Agro-climatic zone-II growing rain-fed Hirsutum cotton (G.N. Cot -26) is recommended to follow spacing of 120cm x 45cm with application of 150 kg N/ha for getting higher seed cotton yield and net profit. The nitrogen should be applied in two split i.e. 50 % as basal and 50 % at 30-40 days after sowing. • For Rainfed Hybrid Cotton: Farmers of South Gujarat agro climatic Zone-II growing cotton (G.Cot.Hy-12) on high P status soils under rain fed condition are advised to sow the crop at spacing of 120 cm x 60 cm and apply 80 kg Nitrogen/ha at 2-3 equal splits depending on available moisture condition.
Kharif Paddy	<ul style="list-style-type: none"> • Prepare field for nursery by ploughing and harrowing, apply well decomposed FYM or Biocompost and prepare raised bed of 1m wide and convenient length. 1/10th area of Transplanting (1000 sq. m area of nursery for Transplanting in 1 ha field) should be used for nursery. • Procure seeds of newly released variety of rice from University farm. 25 to 30 kg seeds require to transplant 1 ha area. • For transplanting (TP) of paddy, Field should be puddle either with power tiller/mini tractor/bullock just before TP. Level the puddle land. • Apply recommended dose of manures and basal dose of fertilizer. • Give root deep treatment with Bio-fertilizer or apply with manure. • Transplant younger seedling at 20 cm x 15 cm spacing.

	<ul style="list-style-type: none"> • Use 2-3 seedlings per hill for TP. • Apply Pre emergence weedicide within 3 days of TP. • 5 kg Seeds dip in 24 liter of water treated with mercury fungicide 12 gm + Streptocycline sulphate 6gm seeds dip 8 hours for management of seed borne diseases.
Kharif Paddy	<ul style="list-style-type: none"> • Variety & Nuresery Management • Early mature variety (80-100 days): G.N.R.-6, G.R.-3, G.R.-4, G.R.-7, G.R.-12, Gurjari, I.R.-28, G.N.R.-3 • Mid-Late mature variety (100-120 days): G.N.R.-2 , G.R.-11, Jaya, I.R.-22, G.R.-103, G.N.R.-103, S.L.R.-51214, G.N.R.-2, MTU-1010 • Late mature variety (130-140 days): G.R.13, Masoori, G.N.R.-4, G.R.101, G.R.-102, G.R.-104, Narmada. • Hybrid variety: GNRH-2 • Farmers are advised to procure good quality seed from certified source • Apply 250 g 250 g Ammonium Sulphate as a split dose of fertilizer at 15 days after sowing in nursery. • In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency. To overcome this problem, spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water.
Pigeonpea	<ul style="list-style-type: none"> • Variety, Spacing • Early mature variety: GT-101, GT-103, B.D.N.-711 • Mid-late variety: Vaishali, I.C.P.L.-87119, GT-104, GNP-2 • Seed rate: 12-15 kg/ha • Seed treatment: Before sowing seeds should be treated with thairum or Captan or carbendazim @ 2-3 gm/kg seed. After this, treat the seeds with rhizobium and PSB each @ 20ml/kg.
MANGO	<ul style="list-style-type: none"> • Drain out excess rain water from standing crop field. • Postponed spraying chemical and fertilizer application. • Postponed the different activities of farm operations.
LIVESTOCK	<ul style="list-style-type: none"> • For the control of tick and other parasites, spray Deltamethrin or Aemitaaz 2 ml in 1 liter of water. • During heavy rainfall, give sufficient slop on the floor of animal shed to avoid water logging. • Height of animal shed should keep minimum 10 feet for aeration to maintain the floor dry and to control humidity. • Don't keep the animal under tree when there is heavy lightning during rain. • Spray phenyl in the animal shed to avoid flies and mosquitoes.

	<ul style="list-style-type: none"> To protect the animals from electric current when it is raining, keep away from appliances like poles, power boxes and broken wires where the current is on.
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AMFU Anand:

Weather summary	<p>➤ As per the forecast received from India Meteorological Department, humid weather and generally cloudy sky and light to moderate rain at isolated/few places likely during next five days in Anand district. Maximum temperature and Minimum temperature are expected to be around 31 to 32°C and 25 to 26°C respectively. Relative humidity likely to remain between 56 to 87 %. South-westerly wind expected with wind speed of 11 to 13 km/h.</p>		
	<p>➤ Extended Range Forecast: Maximum temperature and minimum temperature likely normal and light to moderate (normal) rain likely during subsequent week (13th to 19th July, 2025) in Gujarat region.</p>		
General advise	<ul style="list-style-type: none"> Undertake sowing of <i>kharif</i> crops under vapsa condition during non-rainy period. Treat the seed of all crops with Thiram/Mancozeb/vitavax @ 2-3 grams per kg of seeds before sowing for the control of seed borne diseases is advised. Undertake interculturing, weeding, thinning, gap filling, etc operations at vapsa condition in sown <i>kharif</i> crops. Make provision to drain out excess rain water stagnation from sown crop field/nursery. Provide mechanical support to horticultural plants to prevent lodging. Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding agromet advisory in local language. Click on following link to download this application: For Android user: https://play.google.com/store/apps/details?id=com.aas.meghdoot For IOS user: https://apps.apple.com/in/app/meghdoot/id1474048155 		
Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Nursery/ Transplanting		<ul style="list-style-type: none"> In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency, to overcome this problem, maintain optimum moisture in the nursery area by adequate irrigation and drainage. If irrigation facilities is unavailable than undertake the spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water during non-rainy period. For controlling weed in rice nursery, undertake the one hand weeding at 15 days after sowing or undertake spraying of Bispyribac sodium 10% EC 20 g active ingredient/ha (4 ml/10 liters of water) during non-rainy period. Make provision to drain out excess rain water stagnation from sown nursery. Transplant 20-25 days old rice seedlings in well prepared main field and use 2-3 plants per hill for planting with spacing of 20 cm between row and 15 cm between plants.

			<ul style="list-style-type: none"> • Apply 32 kg /ha, 40 kg /ha and 48 kg /ha Nitrogen for early variety, mid-late variety and late variety respectively and 25kg/ha phosphorus as a basal dose of fertilizer. • Apply zinc sulfate 25 kg/ha as a basal fertilizer in soil having zinc deficiency.
CHILLI	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Chilli seedlings can be grown when sufficient in July month to till 15 September with spacing of 60 cm x 60 cm. • Seedlings rate: 56,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha in form of DAP and Ammonium Sulfate as a basal fertilizer.
TOMATO	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. • Seedlings rate: 25,000 to 30,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer.
BRINJAL	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. • Seedlings rate: 15,000 to 18,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer
BIDI TOBACCO	Variety selection/ Nursery		<ul style="list-style-type: none"> • For Irrigated area: Anand-2, Anand-119, Gujarat Tobacco-5, Anand Bidi Tobacco-10, Gujarat Anand Bidi Tobacco-11, GTH-1, GABTH-2 • For Unirrigated area: Gujarat Tobacco-4, 7 • Prepare nursery bed of 1.5 m width and 20 m length. Between two beds provide drainage channel of 50 cm width. • Sowing time: First week of July. Seed rate: 5 kg/ha.
KHARIF PEARL MILLET	Germination/ vegetative		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 12-15 cm distance between two plants in sown crop. • Undertake the interculturing and weeding operations at vapsa condition in sown crop.
SOYBEAN	Sowing/ Germination		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 10-12 cm distance between two plants in sown crop. • Undertake the interculturing and weeding operations at vapsa condition at 20 and 40 days after sowing in sown crop. • Undertake the spraying of weedicides like Imazethaypr 10% SL 100 g active ingredient/ha (20 ml/10 liters of water) and undertake one interculturing and weeding operations at vapsa condition at 30 days after sowing.
FODDER CROPS	Sowing/ Germination		<ul style="list-style-type: none"> • Fodder Maize: Ganga safed-2, 5, Gujarat Maize-1, 2, 3, 4, African tall • Fodder Sorghum: Gujarat Sorghum-42, GFS-1, 4, 5, CSV-21, FS-1019 • Fodder bajra: Gujarat fodder bajra-1 • Undertake sowing under vapsa condition during non-rainy

			<p>period.</p> <ul style="list-style-type: none"> Undertake interculturing, weeding, thinning, gap filling, at vapsa condition etc operations in sown crops. Make provision to drain out excess rain water stagnation from sown crop field.
PIGEON PEA	Sowing/ Germination		<ul style="list-style-type: none"> Pigeon pea: Gujarat Pigeon pea-1, Gujarat Pigeon pea-100, Gujarat Pigeon pea-101, Anand Vegetable Pigeon pea-1, BDN-2, ICPL-87 Sowing time: sowing should be done immediate after sufficient rainfall received during till July month. Seed rate: 20 to 25 kg/ha (For early variety) and 15 to 20 kg/ha (For medium late) Sowing spacing: 45 to 60 cm x 15 to 20 cm (For early variety) and 75 to 90 cm x 25 to 30 cm (For medium late variety) Seed treatment: Treat the seed with fungicides like thiram or captan @ 3 g/kg seed. Treat the seed with biofertilizer like rhizobium @ 5 ml/ kg seed. Dose of biofertilizer should double if seed treatment given with fungicides. Fertilizer: Apply 25 kg nitrogen and 50 kg phosphorus before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
COTTON	Germination/ Vegetative		<ul style="list-style-type: none"> Sowing should be done under vapsa condition during non-rainy period. Carry out thinning operation where two or more extra plants germinated and undertake gap filling operation in sown cotton field. Undertake the spraying of weedicides like Fenoxaprop-p-ethyl 9.3 EC 67.5 g active ingredient/ha (15 ml/10 liters of water) or Quizalofop ethyl 5% EC 50 g active ingredient/ha (20 ml/10 liters of water) during non-rainy period and also undertake the interculturing and weeding operation at 30 and 60 days after sowing.
BANANA	New planting		<ul style="list-style-type: none"> Grow fast growing windbreak like Shevri plant to reduce high wind velocity towards standing banana crop. Provide mechanical support to banana plants to prevent lodging. After complete harvesting of bunch, keep one healthy sucker and remove other suckers from plant for crop ratooning. <p>New planting:</p> <ul style="list-style-type: none"> Select tissue culture plant of varieties like, Grand Naine, Rubusta, Basrai for new planting. Planting time: Planting of banana crop should be done from 15th June to 15th August.
LIVESTOCK	<ul style="list-style-type: none"> Keep animals at safer places in shed during abnormal weather condition. Spray phenyl in the animal shed to avoid flies and mosquitoes. Don't allow your animals to congregate under trees. Vaccinate the animals against outbreaks of diseases like Foot & Mouth disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black quarter (B.Q.) during onset of 		

monsoon.

Chhota Udepur

Weather summary	<p>➤ As per the forecast received from India Meteorological Department, humid weather and generally cloudy sky and light to moderate rain at isolated/few places and moderate heavy rain at isolated places likely during next five days in Chhotaudepur district. Maximum temperature and Minimum temperature are expected to be around 31 to 33°C and 25 to 26°C respectively. Relative humidity likely to remain between 57 to 88 %. South-westerly wind expected with wind speed of 13 to 14 km/h.</p>		
	<p>➤ Extended Range Forecast: Maximum temperature and minimum temperature likely normal and light to moderate (normal) rain likely during subsequent week (13th to 19th July, 2025) in Gujarat region.</p>		
General advise	<ul style="list-style-type: none"> Undertake sowing of crops when soil at vapsa condition during non-rainy period. Treat the seed of all crops with Thiram/Mancozeb/vitavax @ 2-3 gramsper kg of seeds before sowing for the control of seed borne diseases is advised. Undertake interculturing, weeding, thinning, gap filling, etc operations at vapsa condition in sown <i>kharif</i> crops. Make provision to drain out excess rain water stagnation from sown crop field/nursery. Provide mechanical support to horticultural plants to prevent lodging. Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding agromet advisory in local language. Click on following link to download this application: For Android user: https://play.google.com/store/apps/details?id=com.aas.meghdoot For IOS user: https://apps.apple.com/in/app/meghdoot/id1474048155 		
Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Nursery/ Transplanting		<ul style="list-style-type: none"> In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency, to overcome this problem, maintain optimum moisture in the nursery area by adequate irrigation and drainage. If irrigation facilities is unavailable than undertake the spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water during non-rainy period. For controlling weed in rice nursery, undertake the one hand weeding at 15 days after sowing or undertake spraying of Bispyribac sodium 10% EC 20 g active ingredient/ha (4 ml/10 liters of water) during non-rainy period. Make provision to drain out excess rain water stagnation from sown nursery. Transplant 20-25 days old rice seedlings in well prepared main field and use 2-3 plants per hill for planting with spacing of 20 cm between row and 15 cm between plants. Apply 32 kg /ha, 40 kg /ha and 48 kg /ha Nitrogen for early variety, mid-late variety and late variety respectively and 25kg/ha phosphorus as a basal dose of fertilizer. Apply zinc sulfate 25 kg/ha as a basal fertilizer in soil having zinc deficiency.

CHILLI	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Chilli seedlings can be grown when sufficient in July month to till 15 September with spacing of 60 cm x 60 cm. • Seedlings rate: 56,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha in form of DAP and Ammonium Sulfate as a basal fertilizer.
TOMATO	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. • Seedlings rate: 25,000 to 30,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer.
BRINJAL	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. • Seedlings rate: 15,000 to 18,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer
FODDER CROPS	Sowing/ Germination		<ul style="list-style-type: none"> • Fodder Maize: Ganga safed-2, 5, Gujarat Maize-1, 2, 3, 4, African tall • Fodder Sorghum: Gujarat Sorghum-42, GFS-1, 4, 5, CSV-21, FS-1019 • Fodder bajra: Gujarat fodder bajra-1 • Undertake sowing under vapsa condition during non-rainy period. • Undertake interculturing, weeding, thinning, gap filling, at vapsa condition etc operations in sown crops. • Make provision to drain out excess rain water stagnation from sown crop field.
PIGEON PEA	Sowing		<ul style="list-style-type: none"> • Pigeon pea: Gujarat Pigeon pea-1, Gujarat Pigeon pea-100, Gujarat Pigeon pea-101, Anand Vegetable Pigeon pea-1, BDN-2, ICPL-87 • Sowing time: sowing should be done immediate after sufficient rainfall received during till July month. • Seed rate: 20 to 25 kg/ha (For early variety) and 15 to 20 kg/ha (For medium late) • Sowing spacing: 45 to 60 cm x 15 to 20 cm (For early variety) and 75 to 90 cm x 25 to 30 cm (For medium late variety) • Seed treatment: Treat the seed with fungicides like thiram or captan @ 3 g/kg seed. Treat the seed with biofertilizer like rhizobium @ 5 ml/ kg seed. Dose of biofertilizer should double if seed treatment given with fungicides. • Fertilizer: Apply 25 kg nitrogen and 50 kg phosphorus before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
SOYBEAN	Sowing/ Germination		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 10-12 cm distance between two plants in sown crop. • Undertake the interculturing and weeding operations at vapsa condition at 20 and 40 days after sowing in sown crop. • Undertake the spraying of weedicides like Imazethaypr 10%

			SL 100 g active ingredient/ha (20 ml/10 liters of water) and undertake one interculturing and weeding operations at vapsa condition at 30 days after sowing.
COTTON	Germination/ Vegetative		<ul style="list-style-type: none"> Sowing should be done under vapsa condition during non-rainy period. Carry out thinning operation where two or more extra plants germinated and undertake gap filling operation in sown cotton field. Undertake the spraying of weedicides like Fenoxaprop-p-ethyl 9.3 EC 67.5 g active ingredient/ha (15 ml/10 liters of water) or Quizalofop ethyl 5% EC 50 g active ingredient/ha (20 ml/10 liters of water) during non-rainy period and also undertake the interculturing and weeding operation at 30 and 60 days after sowing.
BANANA	Fruit maturity/ New planting		<ul style="list-style-type: none"> Grow fast growing windbreak like Shevri plant to reduce high wind velocity towards standing banana crop. Provide mechanical support to banana plants to prevent lodging. After complete harvesting of bunch, keep one healthy sucker and remove other suckers from plant for crop ratooning. <p>New planting:</p> <ul style="list-style-type: none"> Select tissue culture plant of varieties like, Grand Naine, Rubusta, Basrai for new planting. Planting time: Planting of banana crop should be done from 15th June to 15th August.
LIVESTOCK	<ul style="list-style-type: none"> Keep animals at safer places in shed during abnormal weather condition. Spray phenyl in the animal shed to avoid flies and mosquitoes. Don't allow your animals to congregate under trees. Vaccinate the animals against outbreaks of diseases like Foot & Mouth disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black quarter (B.Q.) during onset of monsoon. 		

DAHOD

Weather summary	<p>➤ As per the forecast received from India Meteorological Department, humid weather and generally cloudy sky likely and light to moderate rain at few/most places and moderate to heavy rain at isolated places during next five days in Dahod district. Maximum temperature likely to remain around 29 to 30°C and minimum temperature likely to remain around 25 to 26°C. Relative humidity likely to remain between 80 to 85 %. Wind speed likely to remain between 14 to 17 km/h and wind direction likely to remain generally south-westerly.</p>
	<p>➤ Extended Range Forecast: Maximum temperature likely below normal and minimum temperature likely normal and light to moderate rain likely during subsequent week (06th to 12th July, 2025) in Gujarat region.</p>
General advise	<ul style="list-style-type: none"> Undertake sowing of crops when soil at vapsa condition during non-rainy period. Treat the seed of all crops with Thiram/Mancozeb/vitavax @ 2-3 gramsper kg of seeds before sowing for the control of seed borne diseases is advised. Undertake interculturing, weeding, thinning, gap filling, etc operations at vapsa condition in sown <i>kharif</i> crops. Make provision to drain out excess rain water stagnation from sown crop field/nursery.

	<ul style="list-style-type: none"> • Provide mechanical support to horticultural plants to prevent lodging. • Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding agromet advisory in local language. Click on following link to download this application: For Android user: https://play.google.com/store/apps/details?id=com.aas.meghdoot For IOS user: https://apps.apple.com/in/app/meghdoot/id1474048155 		
Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Nursery/ Transplanting		<ul style="list-style-type: none"> • In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency, to overcome this problem, maintain optimum moisture in the nursery area by adequate irrigation and drainage. If irrigation facilities is unavailable than undertake the spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water during non-rainy period. • For controlling weed in rice nursery, undertake the one hand weeding at 15 days after sowing or undertake spraying of Bispyribac sodium 10% EC 20 g active ingredient/ha (4 ml/10 liters of water) during non-rainy period. • Make provision to drain out excess rain water stagnation from sown nursery. • Transplant 20-25 days old rice seedlings in well prepared main field and use 2-3 plants per hill for planting with spacing of 20 cm between row and 15 cm between plants. • Apply 32 kg /ha, 40 kg /ha and 48 kg /ha Nitrogen for early variety, mid-late variety and late variety respectively and 25kg/ha phosphorus as a basal dose of fertilizer. • Apply zinc sulfate 25 kg/ha as a basal fertilizer in soil having zinc deficiency.
CHILLI	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Chilli seedlings can be grown when sufficient in July month to till 15 September with spacing of 60 cm x 60 cm. • Seedlings rate: 56,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha in form of DAP and Ammonium Sulfate as a basal fertilizer.
TOMATO	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. • Seedlings rate: 25,000 to 30,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer.
BRINJAL	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. • Seedlings rate: 15,000 to 18,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer
KHARIF PEARL	Germination/		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 12-15 cm distance between two plants in sown crop.

MILLET	vegetative		<ul style="list-style-type: none"> Undertake the interculturing and weeding operations at vapsa condition in sown crop.
FODDER CROPS	Sowing/ Germination		<ul style="list-style-type: none"> Fodder Maize: Ganga safed-2, 5, Gujarat Maize-1, 2, 3, 4, African tall Fodder Sorghum: Gujarat Sorghum-42, GFS-1, 4, 5, CSV-21, FS-1019 Fodder bajra: Gujarat fodder bajra-1 Undertake sowing under vapsa condition during non-rainy period. Undertake interculturing, weeding, thinning, gap filling, at vapsa condition etc operations in sown crops. Make provision to drain out excess rain water stagnation from sown crop field.
PIGEON PEA	Sowing		<ul style="list-style-type: none"> Pigeon pea: Gujarat Pigeon pea-1, Gujarat Pigeon pea-100, Gujarat Pigeon pea-101, Anand Vegetable Pigeon pea-1, BDN-2, ICPL-87 Sowing time: sowing should be done immediate after sufficient rainfall received during till July month. Seed rate: 20 to 25 kg/ha (For early variety) and 15 to 20 kg/ha (For medium late) Sowing spacing: 45 to 60 cm x 15 to 20 cm (For early variety) and 75 to 90 cm x 25 to 30 cm (For medium late variety) Seed treatment: Treat the seed with fungicides like thiram or captan @ 3 g/kg seed. Treat the seed with biofertilizer like rhizobium @ 5 ml/ kg seed. Dose of biofertilizer should double if seed treatment given with fungicides. Fertilizer: Apply 25 kg nitrogen and 50 kg phosphorus before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
SOYBEAN	Sowing/ Germination		<ul style="list-style-type: none"> Undertake the thinning operation by maintaining the 10-12 cm distance between two plants in sown crop. Undertake the interculturing and weeding operations at vapsa condition at 20 and 40 days after sowing in sown crop. Undertake the spraying of weedicides like Imazethaypr 10% SL 100 g active ingredient/ha (20 ml/10 liters of water) and undertake one interculturing and weeding operations at vapsa condition at 30 days after sowing.
LIVESTOCK	<ul style="list-style-type: none"> Keep animals at safer places in shed during abnormal weather condition. Spray phenyl in the animal shed to avoid flies and mosquitoes. Don't allow your animals to congregate under trees. Vaccinate the animals against outbreaks of diseases like Foot & Mouth disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black quarter (B.Q.) during onset of monsoon. 		

KHEDA

Weather summary	<p>➤ As per the forecast received from India Meteorological Department, humid weather and generally cloudy sky and light to moderate rain at isolated/few places likely during next five days in Kheda district. Maximum temperature and Minimum temperature are expected to be around 31 to 32°C and 25 to 26°C respectively. Relative humidity likely to</p>
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<p>remain between 54 to 88 %. South-westerly wind expected with wind speed of 11 to 12 km/h.</p> <p>➤ Extended Range Forecast: Maximum temperature and minimum temperature likely normal and light to moderate (normal) rain likely during subsequent week (13th to 19th July, 2025) in Gujarat region.</p>			
General advise	<ul style="list-style-type: none"> Undertake/Complete the sowing of <i>kharif</i> crops under vapsa condition during non-rainy period. Treat the seed of all crops with Thiram/Mancozeb/vitavax @ 2-3 gramsper kg of seeds before sowing for the control of seed borne diseases is advised. Undertake interculturing, weeding, thinning, gap filling, etc operations at vapsa condition in sown <i>kharif</i> crops. Make provision to drain out excess rain water stagnation from sown crop field/nursery. Provide mechanical support to horticultural plants to prevent lodging. Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding agromet advisory in local language. Click on following link to download this application: For Android user: https://play.google.com/store/apps/details?id=com.aas.meghdoot For IOS user: https://apps.apple.com/in/app/meghdoot/id1474048155 		
Main Crops	Stage	Disease/ Pest/Manag ement	Advisory
KHARIF RICE	Nursery/ Transplant ing		<ul style="list-style-type: none"> In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency, to overcome this problem, maintain optimum moisture in the nursery area by adequate irrigation and drainage. If irrigation facilities is unavailable than undertake the spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water during non-rainy period. For controlling weed in rice nursery, undertake the one hand weeding at 15 days after sowing or undertake spraying of Bispyribac sodium 10% EC 20 g active ingredient/ha (4 ml/10 liters of water) during non-rainy period. Make provision to drain out excess rain water stagnation from sown nursery. Transplant 20-25 days old rice seedlings in well prepared main field and use 2-3 plants per hill for planting with spacing of 20 cm between row and 15 cm between plants. Apply 32 kg /ha, 40 kg /ha and 48 kg /ha Nitrogen for early variety, mid-late variety and late variety respectively and 25kg/ha phosphorus as a basal dose of fertilizer. Apply zinc sulfate 25 kg/ha as a basal fertilizer in soil having zinc deficiency.
CHILLI	Transplant ing		<ul style="list-style-type: none"> Transplanting time: Chilli seedlings can be grown when sufficient in July month to till 15 September with spacing of 60 cm x 60 cm. Seedlings rate: 56,000 plants/ha. Basal fertilizer: 50:50:50 NPK kg/ha in form of DAP and Ammonium Sulfate as a basal fertilizer.

TOMATO	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. • Seedlings rate: 25,000 to 30,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer.
BRINJAL	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. • Seedlings rate: 15,000 to 18,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer
BIDI TOBACCO	Variety selection/ Nursery		<ul style="list-style-type: none"> • For Irrigated area: Anand-2, Anand-119, Gujarat Tobacco-5, Anand Bidi Tobacco-10, Gujarat Anand Bidi Tobacco-11, GTH-1, GABTH-2 • For Unirrigated area: Gujarat Tobacco-4, 7 • Prepare nursery bed of 1.5 m width and 20 m length. Between two beds provide drainage channel of 50 cm width. • Sowing time: First week of July. Seed rate: 5 kg/ha.
KHARIF PEARL MILLET	Germination/ vegetative		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 12-15 cm distance between two plants in sown crop. • Undertake the interculturing and weeding operations at vapsa condition in sown crop.
FODDER CROPS	Sowing/ Germination		<ul style="list-style-type: none"> • Undertake sowing under vapsa condition during non-rainy period. • Undertake interculturing, weeding, thinning, gap filling, at vapsa condition etc operations in sown crops. • Make provision to drain out excess rain water stagnation from sown crop field.
PIGEON PEA	Sowing		<ul style="list-style-type: none"> • Pigeon pea: Gujarat Pigeon pea-1, Gujarat Pigeon pea-100, Gujarat Pigeon pea-101, Anand Vegetable Pigeon pea-1, BDN-2, ICPL-87 • Sowing time: sowing should be done immediate after sufficient rainfall received during till July month. • Seed rate: 20 to 25 kg/ha (For early variety) and 15 to 20 kg/ha (For medium late) • Sowing spacing: 45 to 60 cm x 15 to 20 cm (For early variety) and 75 to 90 cm x 25 to 30 cm (For medium late variety) • Seed treatment: Treat the seed with fungicides like thiram or captan @ 3 g/kg seed. Treat the seed with biofertilizer like rhizobium @ 5 ml/ kg seed. Dose of biofertilizer should double if seed treatment given with fungicides. • Fertilizer: Apply 25 kg nitrogen and 50 kg phosphorus before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
KHARIF GREEN GRAM/BLACK GRAM	Sowing/ Germination		<ul style="list-style-type: none"> • Variety: Green Gram: Gujarat Mungbean-4, Gujarat Anand Mingbean-5 • Black gram: Gujarat Black gram-1, 2, T-9 • Sowing time: sowing should be done after sufficient rainfall received up to 15th July. • Seed rate: 15 to 20 kg/ha • Sowing spacing: 30 to 45 cm between rows. • Seed treatment: Treat the seed with fungicides like thiram or

			<p>carbendazim 3 g/kg seed and thereafter treat the seed with rhizobium and PSB culture @ 25 g/ kg seed.</p> <ul style="list-style-type: none"> • Fertilizer: Apply 20 kg nitrogen (44 kg Urea) and 40 kg phosphorus (87 kg DAP) before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
COTTON	Germination/ Vegetative		<ul style="list-style-type: none"> • Sowing should be done under vapsa condition during non-rainy period. • Carry out thinning operation where two or more extra plants germinated and undertake gap filling operation in sown cotton field. • Undertake the spraying of weedicides like Fenoxaprop-p-ethyl 9.3 EC 67.5 g active ingredient/ha (15 ml/10 liters of water) or Quizalofop ethyl 5% EC 50 g active ingredient/ha (20 ml/10 liters of water) during non-rainy period and also undertake the interculturing and weeding operation at 30 and 60 days after sowing.
SOYBEAN	Sowing/ Germination		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 10-12 cm distance between two plants in sown crop. • Undertake the interculturing and weeding operations at vapsa condition at 20 and 40 days after sowing in sown crop. • Undertake the spraying of weedicides like Imazethaypr 10% SL 100 g active ingredient/ha (20 ml/10 liters of water) and undertake one interculturing and weeding operations at vapsa condition at 30 days after sowing.
GROUDNUT	Sowing/ Germination		<ul style="list-style-type: none"> • Complete the remaining sowing of the groundnut crop during vapsa condition. • Undertake the interculturing and hand weeding at 20 and 40 days after sowing. • Undertake the spraying of weedicides like Propaquizafop 2.5 + Imazethapyr 3.75 W/W ME 125 g active ingredient/ha (15 ml/10 liters of water) or Quizalofop ethyl 5% EC 50 g active ingredient/ha (40 ml/10 liters of water) during non-rainy period and also undertake the interculturing and weeding operation at 40 days after sowing.
BANANA	New planting		<ul style="list-style-type: none"> • Grow fast growing windbreak like Shevri plant to reduce high wind velocity towards standing banana crop. • Provide mechanical support to banana plants to prevent lodging. • After complete harvesting of bunch, keep one healthy sucker and remove other suckers from plant for crop ratooning. <p>New planting:</p> <ul style="list-style-type: none"> • Select tissue culture plant of varieties like, Grand Naine, Rubusta, Basrai for new planting. • Planting time: Planting of banana crop should be done from 15th June to 15th August.
LIVESTOCK	<ul style="list-style-type: none"> • Keep animals at safer places in shed during abnormal weather condition. • Spray phenyl in the animal shed to avoid flies and mosquitoes. • Don't allow your animals to congregate under trees. • Vaccinate the animals against outbreaks of diseases like Foot & Mouth disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black quarter (B.Q.) during onset of monsoon. 		

MAHISAGAR

Weather summary	<p>➤ As per the forecast received from India Meteorological Department, humid weather and generally cloudy sky and light to moderate rain at isolated/few places and moderate to heavy rain at isolated places likely during next five days in Mahisagar district. Maximum temperature and Minimum temperature are expected to be around 31 to 32°C and 25 to 26°C respectively. Relative humidity likely to remain between 54 to 89 %. South-westerly wind expected with wind speed of 13 to 14 km/h.</p>		
	<p>➤ Extended Range Forecast: Maximum temperature and minimum temperature likely normal and light to moderate (normal) rain likely during subsequent week (13th to 19th July, 2025) in Gujarat region.</p>		
General advise	<ul style="list-style-type: none"> • Undertake sowing of crops when soil at vapsa condition during non-rainy period. • Treat the seed of all crops with Thiram/Mancozeb/vitavax @ 2-3 gramsper kg of seeds before sowing for the control of seed borne diseases is advised. • Undertake interculturing, weeding, thinning, gap filling, etc operations at vapsa condition in sown <i>kharif</i> crops. • Make provision to drain out excess rain water stagnation from sown crop field/nursery. • Provide mechanical support to horticultural plants to prevent lodging. • Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding agromet advisory in local language. Click on following link to download this application: For Android user: https://play.google.com/store/apps/details?id=com.aas.meghdoot For IOS user: https://apps.apple.com/in/app/meghdoot/id1474048155 		
Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Nursery/ Transplanting		<ul style="list-style-type: none"> • In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency, to overcome this problem, maintain optimum moisture in the nursery area by adequate irrigation and drainage. If irrigation facilities is unavailable than undertake the spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water during non-rainy period. • For controlling weed in rice nursery, undertake the one hand weeding at 15 days after sowing or undertake spraying of Bispyribac sodium 10% EC 20 g active ingredient/ha (4 ml/10 liters of water) during non-rainy period. • Make provision to drain out excess rain water stagnation from sown nursery. • Transplant 20-25 days old rice seedlings in well prepared main field and use 2-3 plants per hill for planting with spacing of 20 cm between row and 15 cm between plants. • Apply 32 kg /ha, 40 kg /ha and 48 kg /ha Nitrogen for early variety, mid-late variety and late variety respectively and 25kg/ha phosphorus as a basal dose of fertilizer. • Apply zinc sulfate 25 kg/ha as a basal fertilizer in soil having zinc deficiency.
CHILLI	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Chilli seedlings can be grown when

			<p>sufficient in July month to till 15 September with spacing of 60 cm x 60 cm.</p> <ul style="list-style-type: none"> • Seedlings rate: 56,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha in form of DAP and Ammonium Sulfate as a basal fertilizer.
TOMATO	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. • Seedlings rate: 25,000 to 30,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer.
BRINJAL	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. • Seedlings rate: 15,000 to 18,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer
BIDI TOBACCO	Variety selection/ Nursery		<ul style="list-style-type: none"> • For Irrigated area: Anand-2, Anand-119, Gujarat Tobacco-5, Anand Bidi Tobacco-10, Gujarat Anand Bidi Tobacco-11, GTH-1, GABTH-2 • For Unirrigated area: Gujarat Tobacco-4, 7 • Prepare nursery bed of 1.5 m width and 20 m length. Between two beds provide drainage channel of 50 cm width. • Sowing time: First week of July. Seed rate: 5 kg/ha.
KHARIF PEARL MILLET	Germination/ vegetative		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 12-15 cm distance between two plants in sown crop. • Undertake the interculturing and weeding operations at vapsa condition in sown crop.
FODDER CROPS	Sowing/ Germination		<ul style="list-style-type: none"> • Fodder Maize: Ganga safed-2, 5, Gujarat Maize-1, 2, 3, 4, African tall • Fodder Sorghum: Gujarat Sorghum-42, GFS-1, 4, 5, CSV-21, FS-1019 • Fodder bajra: Gujarat fodder bajra-1 • Undertake sowing under vapsa condition during non-rainy period. • Undertake interculturing, weeding, thinning, gap filling, at vapsa condition etc operations in sown crops. • Make provision to drain out excess rain water stagnation from sown crop field.
PIGEON PEA	Sowing		<ul style="list-style-type: none"> • Pigeon pea: Gujarat Pigeon pea-1, Gujarat Pigeon pea-100, Gujarat Pigeon pea-101, Anand Vegetable Pigeon pea-1, BDN-2, ICPL-87 • Sowing time: sowing should be done immediate after sufficient rainfall received during till July month. • Seed rate: 20 to 25 kg/ha (For early variety) and 15 to 20 kg/ha (For medium late) • Sowing spacing: 45 to 60 cm x 15 to 20 cm (For early variety) and 75 to 90 cm x 25 to 30 cm (For medium late variety) • Seed treatment: Treat the seed with fungicides like thiram or captan @ 3 g/kg seed. Treat the seed with biofertilizer like

			<p>rhizobium @ 5 ml/ kg seed. Dose of biofertilizer should double if seed treatment given with fungicides.</p> <ul style="list-style-type: none"> • Fertilizer: Apply 25 kg nitrogen and 50 kg phosphorus before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
KHARIF GREEN GRAM/BLACK GRAM	Sowing		<ul style="list-style-type: none"> • Variety: Green Gram: Gujarat Mungbean-4, Gujarat Anand Mingbean-5 Black gram: Gujarat Black gram-1, 2, T-9 • Sowing time: sowing should be done after sufficient rainfall received up to 15th July. • Seed rate: 15 to 20 kg/ha • Sowing spacing: 30 to 45 cm between rows. • Seed treatment: Treat the seed with fungicides like thiram or carbendazim 3 g/kg seed and thereafter treat the seed with rhizobium and PSB culture @ 25 g/ kg seed. • Fertilizer: Apply 20 kg nitrogen (44 kg Urea) and 40 kg phosphorus (87 kg DAP) before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
COTTON	Germination/ Vegetative		<ul style="list-style-type: none"> • Sowing should be done under vapsa condition during non-rainy period. • Carry out thinning operation where two or more extra plants germinated and undertake gap filling operation in sown cotton field. • Undertake the spraying of weedicides like Fenoxaprop-p-ethyl 9.3 EC 67.5 g active ingredient/ha (15 ml/10 liters of water) or Quizalofop ethyl 5% EC 50 g active ingredient/ha (20 ml/10 liters of water) during non-rainy period and also undertake the interculturing and weeding operation at 30 and 60 days after sowing.
GROUNDNUT	Sowing/ Germination		<ul style="list-style-type: none"> • Complete the remaining sowing of the groundnut crop during vapsa condition. • Undertake the interculturing and hand weeding at 20 and 40 days after sowing. • Undertake the spraying of weedicides like Propaquizafop 2.5 + Imazethapyr 3.75 W/W ME 125 g active ingredient/ha (15 ml/10 liters of water) or Quizalofop ethyl 5% EC 50 g active ingredient/ha (40 ml/10 liters of water) during non-rainy period and also undertake the interculturing and weeding operation at 40 days after sowing.
SOYBEAN	Sowing/ Germination		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 10-12 cm distance between two plants in sown crop. • Undertake the interculturing and weeding operations at vapsa condition at 20 and 40 days after sowing in sown crop. • Undertake the spraying of weedicides like Imazethapyr 10% SL 100 g active ingredient/ha (20 ml/10 liters of water) and undertake one interculturing and weeding operations at vapsa condition at 30 days after sowing.
LIVESTOCK	<ul style="list-style-type: none"> • Spray phenyl in the animal shed to avoid flies and mosquitoes. • Vaccinate the animals against outbreaks of diseases like Foot & Mouth disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black quarter (B.Q.) during onset of monsoon. 		

PANCHMAHAL

Weather summary	<p>➤ As per the forecast received from India Meteorological Department, humid weather and generally cloudy sky and light to moderate rain at isolated/few places and moderate heavy rain at isolated places likely during next five days in Panchmahal district. Maximum temperature and Minimum temperature are expected to be around 28 to 31°C and 24 to 25°C respectively. Relative humidity likely to remain between 57 to 89 %. South-westerly wind expected with wind speed of approximately 12 km/h.</p>		
	<p>➤ Extended Range Forecast: Maximum temperature and minimum temperature likely normal and light to moderate (normal) rain likely during subsequent week (13th to 19th July, 2025) in Gujarat region.</p>		
General advise	<ul style="list-style-type: none"> • Undertake sowing of crops when soil at vapsa condition during non-rainy period. • Treat the seed of all crops with Thiram/Mancozeb/vitavax @ 2-3 grams per kg of seeds before sowing for the control of seed borne diseases is advised. • Undertake interculturing, weeding, thinning, gap filling, etc operations at vapsa condition in sown <i>kharif</i> crops. • Make provision to drain out excess rain water stagnation from sown crop field/nursery. • Provide mechanical support to horticultural plants to prevent lodging. • Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding agromet advisory in local language. Click on following link to download this application: For Android user: https://play.google.com/store/apps/details?id=com.aas.meghdoot For IOS user: https://apps.apple.com/in/app/meghdoot/id1474048155 		
Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Nursery/ Transplanting		<ul style="list-style-type: none"> • In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency, to overcome this problem, maintain optimum moisture in the nursery area by adequate irrigation and drainage. If irrigation facilities is unavailable than undertake the spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water during non-rainy period. • For controlling weed in rice nursery, undertake the one hand weeding at 15 days after sowing or undertake spraying of Bispyribac sodium 10% EC 20 g active ingredient/ha (4 ml/10 liters of water) during non-rainy period. • Make provision to drain out excess rain water stagnation from sown nursery. • Transplant 20-25 days old rice seedlings in well prepared main field and use 2-3 plants per hill for planting with spacing of 20 cm between row and 15 cm between plants. • Apply 32 kg /ha, 40 kg /ha and 48 kg /ha Nitrogen for early variety, mid-late variety and late variety respectively and 25kg/ha phosphorus as a basal dose of fertilizer. • Apply zinc sulfate 25 kg/ha as a basal fertilizer in soil having zinc deficiency.
KHARIF PEARL	Germination/		<ul style="list-style-type: none"> • Undertake the thinning operation by maintaining the 12-15 cm distance between two plants in sown crop.

MILLET	vegetative		<ul style="list-style-type: none"> Undertake the interculturing and weeding operations at vapsa condition in sown crop.
PIGEON PEA	Sowing		<ul style="list-style-type: none"> Pigeon pea: Gujarat Pigeon pea-1, Gujarat Pigeon pea-100, Gujarat Pigeon pea-101, Anand Vegetable Pigeon pea-1, BDN-2, ICPL-87 Sowing time: sowing should be done immediate after sufficient rainfall received during till July month. Seed rate: 20 to 25 kg/ha (For early variety) and 15 to 20 kg/ha (For medium late) Sowing spacing: 45 to 60 cm x 15 to 20 cm (For early variety) and 75 to 90 cm x 25 to 30 cm (For medium late variety) Seed treatment: Treat the seed with fungicides like thiram or captan @ 3 g/kg seed. Treat the seed with biofertilizer like rhizobium @ 5 ml/ kg seed. Dose of biofertilizer should double if seed treatment given with fungicides. Fertilizer: Apply 25 kg nitrogen and 50 kg phosphorus before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
KHARIF GREEN GRAM/BLACK GRAM	Sowing		<ul style="list-style-type: none"> Variety: Green Gram: Gujarat Mungbean-4, Gujarat Anand Mingbean-5 Black gram: Gujarat Black gram-1, 2, T-9 Sowing time: sowing should be done after sufficient rainfall received up to 15th July. Seed rate: 15 to 20 kg/ha Sowing spacing: 30 to 45 cm between rows. Seed treatment: Treat the seed with fungicides like thiram or carbendazim 3 g/kg seed and thereafter treat the seed with rhizobium and PSB culture @ 25 g/ kg seed. Fertilizer: Apply 20 kg nitrogen (44 kg Urea) and 40 kg phosphorus (87 kg DAP) before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
SOYBEAN	Sowing/ Germination		<ul style="list-style-type: none"> Undertake the thinning operation by maintaining the 10-12 cm distance between two plants in sown crop. Undertake the interculturing and weeding operations at vapsa condition at 20 and 40 days after sowing in sown crop. Undertake the spraying of weedicides like Imazethaypr 10% SL 100 g active ingredient/ha (20 ml/10 liters of water) and undertake one interculturing and weeding operations at vapsa condition at 30 days after sowing.
LIVESTOCK	<ul style="list-style-type: none"> Keep animals at safer places in shed during abnormal weather condition. Spray phenyl in the animal shed to avoid flies and mosquitoes. Don't allow your animals to congregate under trees. Vaccinate the animals against outbreaks of diseases like Foot & Mouth disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black quarter (B.Q.) during onset of monsoon. 		

VADODARA

Weather summary	<p>➤ As per the forecast received from India Meteorological Department, humid weather and generally cloudy sky likely and light to moderate rain at few/most places likely during next five days in Vadodara district. Maximum temperature likely to remain around 29 to 33°C and minimum temperature likely to remain around 24 to 26°C. Relative humidity likely to remain between 70 to 85 %. Wind speed likely to remain between 11 to 14 km/h and wind direction likely to remain generally south-westerly.</p>		
	<p>➤ Extended Range Forecast: Maximum temperature likely below normal and minimum temperature likely normal and light to moderate rain likely during subsequent week (06th to 12th July, 2025) in Gujarat region.</p>		
General advise	<ul style="list-style-type: none"> Undertake sowing of <i>kharif</i> crops when soil at vapsa condition during non-rainy period. Treat the seed of all crops with Thiram/Mancozeb/vitavax @ 2-3 grams per kg of seeds before sowing for the control of seed borne diseases is advised. Undertake interculturing, weeding, thinning, gap filling, etc operations at vapsa condition in sown <i>kharif</i> crops. Make provision to drain out excess rain water stagnation from sown crop field/nursery. Provide mechanical support to horticultural plants to prevent lodging. Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding agromet advisory in local language. Click on following link to download this application: For Android user: https://play.google.com/store/apps/details?id=com.aas.meghdoot For IOS user: https://apps.apple.com/in/app/meghdoot/id1474048155 		
Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Nursery/ Transplanting		<ul style="list-style-type: none"> In the paddy nursery, if upper leaves of the paddy seedlings become yellow, it indicates the iron deficiency, to overcome this problem, maintain optimum moisture in the nursery area by adequate irrigation and drainage. If irrigation facilities is unavailable than undertake the spray of ferrous sulphate @ 40 g + lime @ 20 g lime in 10 liters of water during non-rainy period. For controlling weed in rice nursery, undertake the one hand weeding at 15 days after sowing or undertake spraying of Bispyribac sodium 10% EC 20 g active ingredient/ha (4 ml/10 liters of water) during non-rainy period. Make provision to drain out excess rain water stagnation from sown nursery. Transplant 20-25 days old rice seedlings in well prepared main field and use 2-3 plants per hill for planting with spacing of 20 cm between row and 15 cm between plants. Apply 32 kg /ha, 40 kg /ha and 48 kg /ha Nitrogen for early variety, mid-late variety and late variety respectively and 25kg/ha phosphorus as a basal dose of fertilizer. Apply zinc sulfate 25 kg/ha as a basal fertilizer in soil having zinc deficiency.
CHILLI	Transplanting		<ul style="list-style-type: none"> Transplanting time: Chilli seedlings can be grown when sufficient in July month to till 15 September with spacing of 60 cm x 60 cm.

			<ul style="list-style-type: none"> • Seedlings rate: 56,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha in form of DAP and Ammonium Sulfate as a basal fertilizer.
TOMATO	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. • Seedlings rate: 25,000 to 30,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer.
BRINJAL	Transplanting		<ul style="list-style-type: none"> • Transplanting time: Seedlings can be grown when sufficient in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. • Seedlings rate: 15,000 to 18,000 plants/ha. • Basal fertilizer: 50:50:50 NPK kg/ha as a basal fertilizer
FODDER CROPS	Sowing/ Germination		<ul style="list-style-type: none"> • Fodder Maize: Ganga safed-2, 5, Gujarat Maize-1, 2, 3, 4, African tall • Fodder Sorghum: Gujarat Sorghum-42, GFS-1, 4, 5, CSV-21, FS-1019 • Fodder bajra: Gujarat fodder bajra-1 • Undertake sowing under vapsa condition during non-rainy period. • Undertake interculturing, weeding, thinning, gap filling, at vapsa condition etc operations in sown crops. • Make provision to drain out excess rain water stagnation from sown crop field.
PIGEON PEA	Sowing		<ul style="list-style-type: none"> • Pigeon pea: Gujarat Pigeon pea-1, Gujarat Pigeon pea-100, Gujarat Pigeon pea-101, Anand Vegetable Pigeon pea-1, BDN-2, ICPL-87 • Sowing time: sowing should be done immediate after sufficient rainfall received during till July month. • Seed rate: 20 to 25 kg/ha (For early variety) and 15 to 20 kg/ha (For medium late) • Sowing spacing: 45 to 60 cm x 15 to 20 cm (For early variety) and 75 to 90 cm x 25 to 30 cm (For medium late variety) • Seed treatment: Treat the seed with fungicides like thiram or captan @ 3 g/kg seed. Treat the seed with biofertilizer like rhizobium @ 5 ml/ kg seed. Dose of biofertilizer should double if seed treatment given with fungicides. • Fertilizer: Apply 25 kg nitrogen and 50 kg phosphorus before sowing as basal fertilizer. Apply sulfur 20 kg/ha if soils have sulfur deficiency.
COTTON	Germination/ Vegetative		<ul style="list-style-type: none"> • Sowing should be done under vapsa condition during non-rainy period. • Carry out thinning operation where two or more extra plants germinated and undertake gap filling operation in sown cotton field. • Undertake the spraying of weedicides like Fenoxaprop-p-ethyl 9.3 EC 67.5 g active ingredient/ha (15 ml/10 liters of water) or Quizalofop ethyl 5% EC 50 g active ingredient/ha

			(20 ml/10 liters of water) during non-rainy period and also undertake the interculturing and weeding operation at 30 and 60 days after sowing.
SOYBEAN	Sowing/ Germination		<ul style="list-style-type: none"> Undertake the thinning operation by maintaining the 10-12 cm distance between two plants in sown crop. Undertake the interculturing and weeding operations at vapsa condition at 20 and 40 days after sowing in sown crop. Undertake the spraying of weedicides like Imazethaypr 10% SL 100 g active ingredient/ha (20 ml/10 liters of water) and undertake one interculturing and weeding operations at vapsa condition at 30 days after sowing.
BANANA	Fruit maturity/ New planting		<ul style="list-style-type: none"> Grow fast growing windbreak like Shevri plant to reduce high wind velocity towards standing banana crop. Provide mechanical support to banana plants to prevent lodging. After complete harvesting of bunch, keep one healthy sucker and remove other suckers from plant for crop ratooning. <p>New planting:</p> <ul style="list-style-type: none"> Select tissue culture plant of varieties like, Grand Naine, Rubusta, Basrai for new planting. Planting time: Planting of banana crop should be done from 15th June to 15th August.
LIVESTOCK	<ul style="list-style-type: none"> Keep animals at safer places in shed during abnormal weather condition. Spray phenyl in the animal shed to avoid flies and mosquitoes. Don't allow your animals to congregate under trees. Vaccinate the animals against outbreaks of diseases like Foot & Mouth disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black quarter (B.Q.) during onset of monsoon. 		

AMFU Dantiwada:

ARAVALLI

Agricultural Advisory			
Major Crops	Stage	Disease/ Pest Management	Advisory
Hybrid/ B.T. cotton	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Timely sowing should be done after sufficient amount of rainfall received. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Carry out gap filling to maintain plant population.

			<ul style="list-style-type: none"> ➤ Apply 40 kg N/h as split doze after receiving sufficient rain.
Groundnut (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Seed treatment with Dithane M45/Captan/vitavax @ 2.5 grams per kg of seeds before sowing for the control of seed borne diseases is advised.
		White Grub	<ul style="list-style-type: none"> ➤ For the effective and economical control of white grub in regular sown kharif groundnut, the seeds should be treated with either carbofuran 3% CG 33.3 kg/ha or 25 EC or chlorpyrifos 20 EC @ 25 ml/kg seeds. The treated seeds should be dried under shade for 3-4 hours before sowing.
Pearl millet (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×10 cm or 60×15 cm. ➤ Take green gram, pigeon pea, guar as an intercrop for getting more income.
Sesame	Sowing/Emergence		<ul style="list-style-type: none"> ➤ In rainfall forecast farmers are advised for timely sowing of improved varieties viz., Purva-1, Purba-1, Gujarat til-1, Gujarat til-2, JTS-8, Pragati. ➤ Apply basal dose of Nitrogen @ 25 kg/ha and phosphorus @ 40 kg/ha. ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×15 cm.
Maize	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application. ➤ Seed treatment through Captan/thyram 3 g/kg seed. ➤ After 24 hr. applied Azetobactor/Azospirillum culture 50 g/1 kg seed and put in shed for drying and carry out sowing.
Cow pea	Sowing	-	<ul style="list-style-type: none"> ➤ Farmers are advised for timely sowing by choosing varieties viz., G. Cowpea-4, G. Cowpea-5, Pusa Falguni in sufficient moisture condition.

Green gram (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Procure Meha, GM 4, GM 5, GM 9 and GM 6 varieties. ➤ Before sowing applied seed treatment through Rhizobium and PSB culture. ➤ Carry gape filling to maintain plant population.
Fruit crops	Fruit Maturity	Picking/ Harvesting	<ul style="list-style-type: none"> ➤ Harvest matured fruits of mango, papaya, sapota, lemon, pomegranate etc. and send in to market after cleaning, grading assorting. ➤ To prevent damage of leaf minor, psylla & thrips spray imidacloprid 30.5 % 5 ml / 10 lit of water ml/10 lit of water.
Vegetable crops	Nursery/Transplanting		<ul style="list-style-type: none"> ➤ Due to moderate to heavy rainfall forecast at many places avoid irrigation and chemical application to vegetables. ➤ Preparation of Nursery for vegetables like chilli, tomato and brinjal for <i>kharif</i> transplanting. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture.
		White fly	<ul style="list-style-type: none"> ➤ To minimize population of whitefly, Spray 500 ml of 5 % neem seed extract or neem oil 50 ml with Difenthiuron 50 WP @ 16 gm or Trizophos 40 EC 25 ml / 10 lit of water.
Cattle	<ul style="list-style-type: none"> ➤ Shed: - Keep animals in shed during rainfall. ➤ Vaccination: During the monsoon season, it is recommended to vaccinate cattle against Haemorrhagic Septicaemia. ➤ Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick. Deworming, T.B. and J.D. 		

BANASKANTHA

Agricultural Advisory			
Major Crops	Stage	Disease/ Pest Management	Advisory
Hybrid/ B.T. cotton	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Timely sowing should be done after sufficient amount of rainfall received. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Carry out gap filling to maintain plant population. ➤ Apply 40 kg N/h as split doze after receiving sufficient rain.

Groundnut (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Seed treatment with Dithane M45/Captan/vitavax @ 2.5 grams per kg of seeds before sowing for the control of seed borne diseases is advised.
		White Grub	<ul style="list-style-type: none"> ➤ For the effective and economical control of white grub in regular sown kharif groundnut, the seeds should be treated with either carbofuran 3% CG 33.3 kg/ha or 25 EC or chlorpyrifos 20 EC @ 25 ml/kg seeds. The treated seeds should be dried under shade for 3-4 hours before sowing.
Pearl millet (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×10 cm or 60×15 cm. ➤ Take green gram, pigeon pea, guar as an intercrop for getting more income.
Sesame	Sowing/Emergence		<ul style="list-style-type: none"> ➤ In rainfall forecast farmers are advised for timely sowing of improved varieties viz., Purva-1, Purba-1, Gujarat til-1, Gujarat til-2, JTS-8, Pragati. ➤ Apply basal dose of Nitrogen @ 25 kg/ha and phosphorus @ 40 kg/ha. ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×15 cm.
Maize	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application. ➤ Seed treatment through Captan/thyram 3 g/kg seed. ➤ After 24 hr. applied Azetobactor/Azospirillum culture 50 g/1 kg seed and put in shed for drying and carry out sowing.
Cow pea	Sowing	-	<ul style="list-style-type: none"> ➤ Farmers are advised for timely sowing by choosing varieties viz., G. Cowpea-4, G. Cowpea-5, Pusa Falguni in sufficient moisture condition.
Green gram (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Procure Meha, GM 4, GM 5, GM 9 and GM 6 varieties. ➤ Before sowing applied seed treatment through Rhizobium and PSB culture. ➤ Carry gape filling to maintain plant population.
Fruit crops	Fruit Maturity	Picking/ Harvesting	<ul style="list-style-type: none"> ➤ Harvest matured fruits of mango, papaya, sapota, lemon, pomegranate etc. and send in to market after cleaning, grading assorting.

			➤ To prevent damage of leaf minor, psylla & thrips spray imidacloprid 30.5 % 5 ml / 10 lit of water ml/10 lit of water.
Vegetable crops	Nursery/Transplanting		➤ Due to moderate to heavy rainfall forecast at many places avoid irrigation and chemical application to vegetables. ➤ Preparation of Nursery for vegetables like chilli, tomato and brinjal for <i>kharif</i> transplanting. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture.
		White fly	➤ To minimize population of whitefly, Spray 500 ml of 5 % neem seed extract or neem oil 50 ml with Difenthiuron 50 WP @ 16 gm or Trizophos 40 EC 25 ml / 10 lit of water.
Cattle	➤ Shed: - Keep animals in shed during rainfall. ➤ Vaccination: During the monsoon season, it is recommended to vaccinate cattle against Haemorrhagic Septicaemia . ➤ Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick. Deworming, T.B. and J.D.		

GANDHINAGAR

Agricultural Advisory

Major Crops	Stage	Disease/ Pest Management	Advisory
Hybrid/ B.T. cotton	Sowing/Emergence		➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Timely sowing should be done after sufficient amount of rainfall received. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Carry out gap filling to maintain plant population. ➤ Apply 40 kg N/h as split doze after receiving sufficient rain.
Groundnut (Kharif)	Sowing/Emergence		➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Seed treatment with Dithane M45/Captan/vitavax @

		White Grub	<p>2.5 grams per kg of seeds before sowing for the control of seed borne diseases is advised.</p> <ul style="list-style-type: none"> ➤ For the effective and economical control of white grub in regular sown kharif groundnut, the seeds should be treated with either carbofuran 3% CG 33.3 kg/ha or 25 EC or chlorpyrifos 20 EC @ 25 ml/kg seeds. The treated seeds should be dried under shade for 3-4 hours before sowing.
Pearl millet (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×10 cm or 60×15 cm. ➤ Take green gram, pigeon pea, guar as an intercrop for getting more income.
Sesame	Sowing/Emergence		<ul style="list-style-type: none"> ➤ In rainfall forecast farmers are advised for timely sowing of improved varieties viz., Purva-1, Purba-1, Gujarat til-1, Gujarat til-2, JTS-8, Pragati. ➤ Apply basal dose of Nitrogen @ 25 kg/ha and phosphorus @ 40 kg/ha. ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×15 cm.
Maize	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application. ➤ Seed treatment through Captan/thyram 3 g/kg seed. ➤ After 24 hr. applied Azetobactor/Azospirillum culture 50 g/1 kg seed and put in shed for drying and carry out sowing.
Cow pea	Sowing	-	<ul style="list-style-type: none"> ➤ Farmers are advised for timely sowing by choosing varieties viz., G. Cowpea-4, G. Cowpea-5, Pusa Falguni in sufficient moisture condition.
Green gram (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Procure Meha, GM 4, GM 5, GM 9 and GM 6 varieties. ➤ Before sowing applied seed treatment through Rhizobium and PSB culture. ➤ Carry gape filling to maintain plant population.
Fruit crops	Fruit Maturity	Picking/Harvesting	<ul style="list-style-type: none"> ➤ Harvest matured fruits of mango, papaya, sapota, lemon, pomegranate etc. and send in to market after cleaning, grading assorting. ➤ To prevent damage of leaf minor, psylla & thrips spray imidacloprid 30.5 % 5 ml / 10 lit of water ml/10 lit of water.
Vegetable crops	Nursery/Transplanting		<ul style="list-style-type: none"> ➤ Due to moderate to heavy rainfall forecast at many places avoid irrigation and chemical application to vegetables.

			<ul style="list-style-type: none"> ➤ Preparation of Nursery for vegetables like chilli, tomato and brinjal for <i>kharif</i> transplanting. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture.
		White fly	<ul style="list-style-type: none"> ➤ To minimize population of whitefly, Spray 500 ml of 5 % neem seed extract or neem oil 50 ml with Difenthiuron 50 WP @ 16 gm or Trizophos 40 EC 25 ml / 10 lit of water.
Cattle	<ul style="list-style-type: none"> ➤ Shed: - Keep animals in shed during rainfall. ➤ Vaccination: During the monsoon season, it is recommended to vaccinate cattle against Haemorrhagic Septicaemia. ➤ Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick. Deworming, T.B. and J.D. 		

MEHSANA

Agricultural Advisory			
Major Crops	Stage	Disease/ Pest Management	Advisory
Hybrid/ B.T. cotton	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Timely sowing should be done after sufficient amount of rainfall received. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Carry out gap filling to maintain plant population. ➤ Apply 40 kg N/h as split doze after receiving sufficient rain.
Groundnut (Kharif)	Sowing/Emergence	White Grub	<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Seed treatment with Dithane M45/Captan/vitavax @ 2.5 grams per kg of seeds before sowing for the control of seed borne diseases is advised. ➤ For the effective and economical control of white grub in regular sown kharif groundnut, the seeds should be treated with either carbofuran 3% CG 33.3 kg/ha or 25 EC or chlorpyrifos 20 EC @ 25 ml/kg seeds. The treated seeds should be dried under shade for 3-4 hours before sowing.

Pearl millet (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×10 cm or 60×15 cm. ➤ Take green gram, pigeon pea, guar as an intercrop for getting more income.
Sesame	Sowing/Emergence		<ul style="list-style-type: none"> ➤ In rainfall forecast farmers are advised for timely sowing of improved varieties viz., Purva-1, Purba-1, Gujarat til-1, Gujarat til-2, JTS-8, Pragati. ➤ Apply basal dose of Nitrogen @ 25 kg/ha and phosphorus @ 40 kg/ha. ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×15 cm.
Maize	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application. ➤ Seed treatment through Captan/thyram 3 g/kg seed. ➤ After 24 hr. applied Azetobactor/Azospirillum culture 50 g/1 kg seed and put in shed for drying and carry out sowing.
Cow pea	Sowing	-	<ul style="list-style-type: none"> ➤ Farmers are advised for timely sowing by choosing varieties viz., G. Cowpea-4, G. Cowpea-5, Pusa Falguni in sufficient moisture condition.
Green gram (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Procure Meha, GM 4, GM 5, GM 9 and GM 6 varieties. ➤ Before sowing applied seed treatment through Rhizobium and PSB culture. ➤ Carry gape filling to maintain plant population.
Fruit crops	Fruit Maturity	Picking/ Harvesting	<ul style="list-style-type: none"> ➤ Harvest matured fruits of mango, papaya, sapota, lemon, pomegranate etc. and send in to market after cleaning, grading assorting. ➤ To prevent damage of leaf minor, psylla & thrips spray imidacloprid 30.5 % 5 ml / 10 lit of water ml/10 lit of water.
Vegetable crops	Nursery/Transplanting		<ul style="list-style-type: none"> ➤ Due to moderate to heavy rainfall forecast at many places avoid irrigation and chemical application to vegetables. ➤ Preparation of Nursery for vegetables like chilli, tomato and brinjal for <i>kharif</i> transplanting. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture.
		White fly	<ul style="list-style-type: none"> ➤ To minimize population of whitefly, Spray 500 ml of 5 % neem seed extract or neem oil 50 ml with Difenthiuron 50 WP @ 16 gm or Trizophos 40 EC 25 ml / 10 lit of water.

Cattle	<ul style="list-style-type: none"> ➤ Shed: - Keep animals in shed during rainfall. ➤ Vaccination: During the monsoon season, it is recommended to vaccinate cattle against Haemorrhagic Septicaemia. ➤ Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick. Deworming, T.B. and J.D.
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PATAN

Agricultural Advisory			
Major Crops	Stage	Disease/ Pest Management	Advisory
Hybrid/ B.T. cotton	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Timely sowing should be done after sufficient amount of rainfall received. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Carry out gap filling to maintain plant population. ➤ Apply 40 kg N/h as split doze after receiving sufficient rain.
Groundnut (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Seed treatment with Dithane M45/Captan/vitavax @ 2.5 grams per kg of seeds before sowing for the control of seed borne diseases is advised.
		White Grub	<ul style="list-style-type: none"> ➤ For the effective and economical control of white grub in regular sown kharif groundnut, the seeds should be treated with either carbofuran 3% CG 33.3 kg/ha or 25 EC or chlorpyrifos 20 EC @ 25 ml/kg seeds. The treated seeds should be dried under shade for 3-4 hours before sowing.
Pearl millet (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×10 cm or 60×15 cm. ➤ Take green gram, pigeon pea, guar as an intercrop for getting more income.

Sesame	Sowing/Emergence		<ul style="list-style-type: none"> ➤ In rainfall forecast farmers are advised for timely sowing of improved varieties viz., Purva-1, Purba-1, Gujarat til-1, Gujarat til-2, JTS-8, Pragati. ➤ Apply basal dose of Nitrogen @ 25 kg/ha and phosphorus @ 40 kg/ha. ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×15 cm.
Maize	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application. ➤ Seed treatment through Captan/thyram 3 g/kg seed. ➤ After 24 hr. applied Azetobactor/Azospirillum culture 50 g/1 kg seed and put in shed for drying and carry out sowing.
Cow pea	Sowing	-	<ul style="list-style-type: none"> ➤ Farmers are advised for timely sowing by choosing varieties viz., G. Cowpea-4, G. Cowpea-5, Pusa Falguni in sufficient moisture condition.
Green gram (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Procure Meha, GM 4, GM 5, GM 9 and GM 6 varieties. ➤ Before sowing applied seed treatment through Rhizobium and PSB culture. ➤ Carry gap filling to maintain plant population.
Fruit crops	Fruit Maturity	Picking/ Harvesting	<ul style="list-style-type: none"> ➤ Harvest matured fruits of mango, papaya, sapota, lemon, pomegranate etc. and send in to market after cleaning, grading assorting. ➤ To prevent damage of leaf minor, psylla & thrips spray imidacloprid 30.5 % 5 ml / 10 lit of water ml/10 lit of water.
Vegetable crops	Nursery/Transplanting		<ul style="list-style-type: none"> ➤ Due to moderate to heavy rainfall forecast at many places avoid irrigation and chemical application to vegetables. ➤ Preparation of Nursery for vegetables like chilli, tomato and brinjal for <i>kharif</i> transplanting. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture.
		White fly	<ul style="list-style-type: none"> ➤ To minimize population of whitefly, Spray 500 ml of 5 % neem seed extract or neem oil 50 ml with Difenthiuron 50 WP @ 16 gm or Trizophos 40 EC 25 ml / 10 lit of water.
Cattle	<ul style="list-style-type: none"> ➤ Shed: - Keep animals in shed during rainfall. ➤ Vaccination: During the monsoon season, it is recommended to vaccinate cattle against Haemorrhagic Septicaemia. ➤ Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick. Deworming, T.B. and J.D. 		

SABARKANTHA

Major Crops	Stage	Disease/ Pest Management	Advisory
Hybrid/ B.T. cotton	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Timely sowing should be done after sufficient amount of rainfall received. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Carry out gap filling to maintain plant population. ➤ Apply 40 kg N/h as split doze after receiving sufficient rain.
Groundnut (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture. ➤ Seed treatment with Dithane M45/Captan/vitavax @ 2.5 grams per kg of seeds before sowing for the control of seed borne diseases is advised.
		White Grub	<ul style="list-style-type: none"> ➤ For the effective and economical control of white grub in regular sown kharif groundnut, the seeds should be treated with either carbofuran 3% CG 33.3 kg/ha or 25 EC or chlorpyrifos 20 EC @ 25 ml/kg seeds. The treated seeds should be dried under shade for 3-4 hours before sowing.
Pearl millet (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×10 cm or 60×15 cm. ➤ Take green gram, pigeon pea, guar as an intercrop for getting more income.
Sesame	Sowing/Emergence		<ul style="list-style-type: none"> ➤ In rainfall forecast farmers are advised for timely sowing of improved varieties viz., Purva-1, Purba-1, Gujarat til-1, Gujarat til-2, JTS-8, Pragati. ➤ Apply basal dose of Nitrogen @ 25 kg/ha and phosphorus @ 40 kg/ha. ➤ Due to rain forecast, avoid irrigation and pesticide application in standing crops. ➤ Keep the sowing distance as 45×15 cm.

Maize	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Due to rain forecast, avoid irrigation and pesticide application. ➤ Seed treatment through Captan/thyram 3 g/kg seed. ➤ After 24 hr. applied Azetobactor/Azospirillum culture 50 g/1 kg seed and put in shed for drying and carry out sowing.
Cow pea	Sowing	-	<ul style="list-style-type: none"> ➤ Farmers are advised for timely sowing by choosing varieties viz., G. Cowpea-4, G. Cowpea-5, Pusa Falguni in sufficient moisture condition.
Green gram (Kharif)	Sowing/Emergence		<ul style="list-style-type: none"> ➤ Procure Meha, GM 4, GM 5, GM 9 and GM 6 varieties. ➤ Before sowing applied seed treatment through Rhizobium and PSB culture. ➤ Carry gape filling to maintain plant population.
Fruit crops	Fruit Maturity	Picking/ Harvesting	<ul style="list-style-type: none"> ➤ Harvest matured fruits of mango, papaya, sapota, lemon, pomegranate etc. and send in to market after cleaning, grading assorting. ➤ To prevent damage of leaf minor, psylla & thrips spray imidacloprid 30.5 % 5 ml / 10 lit of water ml/10 lit of water.
Vegetable crops	Nursery/Transplanting		<ul style="list-style-type: none"> ➤ Due to moderate to heavy rainfall forecast at many places avoid irrigation and chemical application to vegetables. ➤ Preparation of Nursery for vegetables like chilli, tomato and brinjal for <i>kharif</i> transplanting. ➤ Carry out inter-culturing and, weeding in earlier sown crops to conserve moisture.
		White fly	<ul style="list-style-type: none"> ➤ To minimize population of whitefly, Spray 500 ml of 5 % neem seed extract or neem oil 50 ml with Difenthiuron 50 WP @ 16 gm or Trizophos 40 EC 25 ml / 10 lit of water.
Cattle	<ul style="list-style-type: none"> ➤ Shed: - Keep animals in shed during rainfall. ➤ Vaccination: During the monsoon season, it is recommended to vaccinate cattle against Haemorrhagic Septicaemia. ➤ Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick. Deworming, T.B. and J.D. 		

Saurashtra-Kutch Met Subdivision:

AMFU Bhachau:
DATA NOT AVAILABLE

**AMFU Targhadia: RAJKOT, MORBI, SURENDRANAGAR,DEVBHUMI DWARKA
AMRELI, JAMNAGAR DISTRICTS.**

Crops	Stage	Insect/Pest/ Variety	Advisory
<i>Kharif</i> groundnut	Growth	-	<ul style="list-style-type: none"> • Drain out excess rain water from low lying area. • Carry out interculturing and weeding under wapsa condition for better growth.
Cotton	Growth	-	<ul style="list-style-type: none"> • Drain out excess rain water from low lying area. • Carry out gap filling in time if needed. • Carry out interculturing and weeding under wapsa condition for better growth.
Sesame	Growth	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing. • Carry out interculturing and weeding under wapsa condition for better growth.
Pearl millet	Growth	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing. • Carry out interculturing and weeding under wapsa condition for better growth.
Green gram	Growth	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing. • Carry out interculturing and weeding under wapsa condition for better growth.
Black gram	Growth	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing. • Carry out interculturing and weeding under wapsa condition for better growth.
Cow pea	Growth	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing. • Carry out interculturing and weeding under wapsa condition for better growth.
Pigeon pea	Sowing in July end	BDN-2, GT-100, GJP-1, Vaishali	<ul style="list-style-type: none"> • Procure good quality of seeds

			irrespective of crops for kharif sowing.
Fodder Sorghum & Maize	Growth	-	<ul style="list-style-type: none"> Continuously monitor the sorghum crop for shoot fly infestation, if infestation observe above ETL spray imidacloprid 17.8 SL 5 ml/10 litre of water.
Vegetables	Nursery /Transplanting	<p>To prevent soil borne disease drenching of nursery bed should be done drench with Mencozeb 75 % WP @ 2.5 gm/ litre of water after 15 DAS.</p> <ul style="list-style-type: none"> Drain out excess rainwater from nursery bed. Spray Quinalphos 20 ml in 10 liters of water for control of leaf miner. Carry out transplanting of chili, brinjal, cabbage and cauliflower if seedlings are ready. 	
	Sowing/germination	<ul style="list-style-type: none"> Farmers are advised for sowing of Cucurbits in rainy season. It is most suitable time to sow recommended hybrids/ varieties. Some popular hybrids are Bottle Gourd-Junagadh long tender, Pusa Naveen, Pusa Samridhi, Bitter Gourd- Pusa Visesh, Pusa-2 mosumi, Ridge Gourd- GJRGH-1, GRG-2, Pusa Chikni and Sponge Guard-GSG-1, GJSG-2 etc. Farmers are also advised for Sowing of ladyfinger, cluster bean, kidney bean, cowpea, tur, amaranthus. 	
Lady finger	Flowering/fruiting	White fly & thrips	<ul style="list-style-type: none"> Drain out excess rain water from field. Apply supplementary fertilizer dose as per recommendation under wapsa condition..
Ridge gourd			
Bottle gourd			
Sponge guard			
Bitter guard			
Cluster bean			
Cucumber			
Water melon			
Brinjal	Flowering/fruiting	Sucking pest → Shoot & Fruit borer	<ul style="list-style-type: none"> Drain out excess rain water from brinjal field. In brinjal and tomato crops, monitoring of borers by using pheromone traps 4-6 per acre is advised. For control of shoot and fruit borer in brinjal and tomato crops, infested fruits and shoots should be collected and buried into the soil. If insect population is above ETL then spraying of chlorantraniliprole 18.5 % SC 3.0 ml ml/10 litre of water under clear weather condition is advised.
Chili	Flowering & fruiting	Thrips →	<ul style="list-style-type: none"> Drain out excess rain water from field.
Lemon	Fruit development		<ul style="list-style-type: none"> Drain out excess rain water from orchard.

Livestock & poultry	<p>Keep animal in shed during rainfall hours. Spray Deltamethrin or Amitraz 2 ml/litre of water for the control of tick. Deworming, T.B. and J.D. Testing should be done. Provide 6-8 kg good quality dry roughage with 15-20 kg green fodder to the animals. For milch animals, regularly follow schedule of 1 kg feed + 50 g mineral mixture per 2 liters of milk yield. Feed animals with a mixture of green grass + hay + minerals + dry feed. Ensure regarding vaccination of animals for different diseases in rainy season. Spray phenyl in the animal shed to avoid fly's and mosquitoes. Udder of milking animals must be properly clean with zinc oxide or boric powder. Also give deworming tablet to younger animals. For control of ticks and mites spray Deltamethrin or Amitral 2 ml/liter of water.</p> <p>Keep fodder in safe place to avoid spoilage due to rainfall.</p>		

AMFU Junagadh:GIR SOMNATH

Crop	Variety/ Pest/Insect	Stage	Agro met Advisories
Kharif Groundnut	<p>Virginia runner: GJG-17, GJG-HPS-1 and GG-41</p> <p>Virginia bunch: GG-20, GJG-22, GG-23 and GG HPS-2</p> <p>Erect: GJG-32, GG-35, GJG-9, GG-5, GG-7 and TG-26</p>	Sowing / Germination	<ul style="list-style-type: none"> ➤ In Kharif groundnut apply 12.5 kg N/ha and 25 kg P/ha at the time of sowing. ➤ Apply 54.3 kg/ha DAP, 6 kg/ha Urea and 500 kg/ha Castor cake as basal dose. ➤ Seed should be treatment with Dithane M-45/ mencozebe/vitavax @ 2 - 3 grams per kg of seeds before sowing. ➤ Seed treatment with chlorpyrifos 20EC @ 25 ml/kg seed or imidacloprid 600 FS @ 4 ml/kg seed for white grub. ➤ Soil application of Beauveria bassiana or Metarizium anisopliae 1.15 WP @ 5 kg/ha (Min. 2 x 10⁶ cfu/g) along with castor cake (300 kg/ha) before sowing for white grub. or Soil application of carbofuran 3 % CG @ 33 kg/ha for white grub. ➤ Seed treatment with imidacloprid 600 FS @ 4 ml/kg seed or thiamethoxam 70 WS @ 1 g/kg seed for sucking pests. ➤ Gap filling should be done if needed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.

Cotton	Gujarat Hybrid Cotton-6, 8, 12, GJC 101, GJ. Cot 102, G. Cot. Hy 22, G. Cot. 38 (Bolegaurd-2) or Govt. approved varieties of B.T. cotton	Sowing / Germination <ul style="list-style-type: none"> ➤ Farmers are advised to procure the seed of high yielding variety of BT hybrid Cotton 'Gujarat Hybrid Cotton-6, 8, 12' (Bolegaurd-2) or Govt. approved varieties of B.T. cotton for sowing. ➤ Select the certified seed of cotton for cultivation. ➤ Follow crop rotation. Inter cropping with Vigna acontifolia. ➤ Green manuring with Sesbania acubeata. ➤ Treat the seeds with Pseudomonas fluorescens 1% (10 gm/ kg seed) or Carboxin 37.5% + thiram 37.5% DS @ 3.5 g/Kg seed. ➤ Gap filling should be done if needed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Soybean	Guj. Soyabean – 1, 2 & GJS - 3	Sowing / Germination <ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of soyabean crop. ➤ In soybean apply 375 kg SSP/ha & 65.2 kg urea/ha at the time of sowing. ➤ Seed treatment with Imidacloprid 48 FS @ 3 ml/kg seed. ➤ Treat the seeds with Fluxapyroxad 333 g/l FS 1.0 ml/ kg seeds or Carboxin 37.5% + Thiram 37.5% WS 2.25 g/Kg seed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Black gram	GU-1 & 2, T-9	Sowing <ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of black gram crop. ➤ Apply soil amendment with farm yard manure 12.5 ton/ha. ➤ Seed treat with Trichoderma viride 1.0% AS 4-6 ml/kg. ➤ Avoid excessive use of nitrogenous

			<p>fertilizers.</p> <ul style="list-style-type: none"> ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Sesame	GT- 1, 2, 3 & 6	Sowing	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of sesame crop. ➤ Furrow application of Trichoderma 2.5 to 3 kg in 300 kg of FYM or castor cake/ha at the time of sowing. ➤ Treat the seeds with Thirum 75% WP ot Captan 50% WP 2-3 g/kg seeds or Metalaxyl 35% WP 4 g/kg seeds. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Green gram	GM-4, GAM-5, K-851	Sowing	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of green gram crop. ➤ Apply soil amendment with farm yard manure 12.5 ton/ha. ➤ Seed treat with Trichoderma viride 1.0% AS 4-6 ml/kg. ➤ Avoid excessive use of nitrogenous fertilizers. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Pigeon pea	BDN-2, GJP-1, Vaishali, GT-100	-	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of pigeon pea crop.
Horticultur e crops	-	-	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field during heavy rainfall period.

Vegetable crops	-	-	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing plant. ➤ To apply fertilizer and any agro-chemicals to the crops during this period. ➤ To the spray of agrochemicals during this period. ➤ Hand weeding and interculturing operation should be carry out. ➤ To apply irrigation to the crop at regular interval. ➤ Keep vegetable crop weed free, apply irrigation regularly and send vegetable fruit to the market often grading.
Livestock	-	-	<ul style="list-style-type: none"> ➤ To provide adequate food & clean water for drinking and keep the animals clean shed. ➤ Spray phenyl in the animal shed to avoid flies and mosquitoes. ➤ Give stored fodder with mineral mixture. Fodder should be stored at safe place. ➤ Use chaff cutter for fodder. ➤ For the control of tick and other parasites, spray deltemethrin or aemitaz 2 ml in 1 litre of water. ➤ Udder of milking animals must be properly clean with zinc oxide or boric powder.

JUNAGADH

Crop	Variety/ Pest/Insect	Stage	Agro met Advisories
Kharif Groundnut	Virginia runner: GJG-17, GJG-HPS-1 and GG-41 Virginia bunch: GG-20, GJG-22, GG-	Sowing / Germination	<ul style="list-style-type: none"> ➤ In Kharif groundnut apply 12.5 kg N/ha and 25 kg P/ha at the time of sowing. ➤ Apply 54.3 kg/ha DAP, 6 kg/ha Urea and 500 kg/ha Castor cake as basal dose. ➤ Seed should be treatment with Dithane M-45/ mencozeb/vitavax @ 2 - 3 grams per kg of seeds before sowing. ➤ Seed treatment with chlorpyriphos 20EC @ 25 ml/kg seed or imidacloprid 600 FS @ 4

	<p>23 and GG HPS-2</p> <p>Erect: GJG-32, GG-35, GJG-9, GG-5, GG-7 and TG-26</p>		<p>ml/kg seed for white grub.</p> <ul style="list-style-type: none"> ➤ Soil application of Beauveria bassiana or Metarizium anisopliae 1.15 WP @ 5 kg/ha (Min. 2 x 10⁶ cfu/g) along with castor cake (300 kg/ha) before sowing for white grub. or Soil application of carbofuran 3 % CG @ 33 kg/ha for white grub. ➤ Seed treatment with imidacloprid 600 FS @ 4 ml/kg seed or thiamethoxam 70 WS @ 1 g/kg seed for sucking pests. ➤ Gap filling should be done if needed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Cotton	<p>Gujarat Hybrid Cotton- 6, 8, 12, GJC 101, GJ. Cot 102, G. Cot. Hy 22, G. Cot. 38 (Bolegaurd-2) or Govt. approved varieties of B.T. cotton</p>	<p>Sowing / Germination</p>	<ul style="list-style-type: none"> ➤ Farmers are advised to procure the seed of high yielding variety of BT hybrid Cotton 'Gujarat Hybrid Cotton-6, 8, 12' (Bolegaurd-2) or Govt. approved varieties of B.T. cotton for sowing. ➤ Select the certified seed of cotton for cultivation. ➤ Follow crop rotation. Inter cropping with Vigna acontifolia. ➤ Green manuring with Sesbania acubeata. ➤ Treat the seeds with Pseudomonas fluorescens 1% (10 gm/ kg seed) or Carboxin 37.5% + thiram 37.5% DS @ 3.5 g/Kg seed. ➤ Gap filling should be done if needed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Soybean	<p>Guj. Soyabeen – 1, 2 & GJS - 3</p>	<p>Sowing / Germination</p>	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of soyabeen crop. ➤ In soybean apply 375 kg SSP/ha & 65.2 kg urea/ha at the time of sowing. ➤ Seed treatment with Imidacloprid 48 FS @ 3 ml/kg seed.

			<ul style="list-style-type: none"> ➤ Treat the seeds with Fluxapyroxad 333 g/l FS 1.0 ml/ kg seeds or Carboxin 37.5% + Thiram 37.5% WS 2.25 g/Kg seed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Black gram	GU-1 & 2, T-9	Sowing	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of black gram crop. ➤ Apply soil amendment with farm yard manure 12.5 ton/ha. ➤ Seed treat with Trichoderma viride 1.0% AS 4-6 ml/kg. ➤ Avoid excessive use of nitrogenous fertilizers. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Sesame	GT- 1, 2, 3 & 6	Sowing	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of sesame crop. ➤ Furrow application of Trichoderma 2.5 to 3 kg in 300 kg of FYM or castor cake/ha at the time of sowing. ➤ Treat the seeds with Thirum 75% WP ot Captan 50% WP 2-3 g/kg seeds or Metalaxyl 35% WP 4 g/kg seeds. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Green gram	GM-4, GAM-5, K-851	Sowing	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of green gram crop. ➤ Apply soil amendment with farm yard manure 12.5 ton/ha. ➤ Seed treat with Trichoderma viride 1.0% AS 4-6 ml/kg.

			<ul style="list-style-type: none"> ➤ Avoid excessive use of nitrogenous fertilizers. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Pigeon pea	BDN-2, GJP-1, Vaishali, GT-100	-	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of pigeon pea crop.
Horticultur e crops	-	-	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Vegetable crops	-	-	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing plant. ➤ To apply fertilizer and any agro-chemicals to the crops during this period. ➤ To the spray of agrochemicals during this period. ➤ Hand weeding and interculturing operation should be carry out. ➤ To apply irrigation to the crop at regular interval. ➤ Keep vegetable crop weed free, apply irrigation regularly and send vegetable fruit to the market often grading.
Livestock	-	-	<ul style="list-style-type: none"> ➤ To provide adequate food & clean water for drinking and keep the animals clean shed. ➤ Spray phenyl in the animal shed to avoid flies and mosquitoes. ➤ Give stored fodder with mineral mixture. Fodder should be stored at safe place. ➤ Use chaff cutter for fodder. ➤ For the control of tick and other parasites, spray deltemethrin or aemitaz 2 ml in 1 litre of water. ➤ Udder of milking animals must be properly clean with zinc oxide or boric powder.

PORBANDAR

Crop	Variety/ Pest/Insect	Stage	Agro met Advisories
Kharif Groundnut	Virginia runner: GJG-17, GJG-HPS-1 and GG-41 Virginia bunch: GG-20, GJG-22, GG-23 and GG HPS-2 Erect: GJG-32, GG-35, GJG-9, GG-5, GG-7 and TG-26	Sowing / Germination	<ul style="list-style-type: none"> ➤ In Kharif groundnut apply 12.5 kg N/ha and 25 kg P/ha at the time of sowing. ➤ Apply 54.3 kg/ha DAP, 6 kg/ha Urea and 500 kg/ha Castor cake as basal dose. ➤ Seed should be treatment with Dithane M-45/ mencozeb/vitavax @ 2 - 3 grams per kg of seeds before sowing. ➤ Seed treatment with chlorpyrifos 20EC @ 25 ml/kg seed or imidacloprid 600 FS @ 4 ml/kg seed for white grub. ➤ Soil application of Beauveria bassiana or Metarizium anisopliae 1.15 WP @ 5 kg/ha (Min. 2 x 10⁶ cfu/g) along with castor cake (300 kg/ha) before sowing for white grub. or Soil application of carbofuran 3 % CG @ 33 kg/ha for white grub. ➤ Seed treatment with imidacloprid 600 FS @ 4 ml/kg seed or thiamethoxam 70 WS @ 1 g/kg seed for sucking pests. ➤ Gap filling should be done if needed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Cotton	Gujarat Hybrid Cotton-6, 8, 12, GJC 101, GJ. Cot 102, G. Cot. Hy 22, G. Cot. 38 (Bolegaurd-2) or Govt. approved varieties of B.T. cotton	Sowing / Germination	<ul style="list-style-type: none"> ➤ Farmers are advised to procure the seed of high yielding variety of BT hybrid Cotton 'Gujarat Hybrid Cotton-6, 8, 12' (Bolegaurd-2) or Govt. approved varieties of B.T. cotton for sowing. ➤ Select the certified seed of cotton for cultivation. ➤ Follow crop rotation. Inter cropping with Vigna acontifolia. ➤ Green manuring with Sesbania acubeata. ➤ Treat the seeds with Pseudomonas fluorescens 1% (10 gm/ kg seed) or Carboxin 37.5% + thiram 37.5% DS @ 3.5

			<p>g/Kg seed.</p> <ul style="list-style-type: none"> ➤ Gap filling should be done if needed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Soybean	Guj. Soyabean – 1, 2 & GJS - 3	Sowing / Germination	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of soyabean crop. ➤ In soybean apply 375 kg SSP/ha & 65.2 kg urea/ha at the time of sowing. ➤ Seed treatment with Imidacloprid 48 FS @ 3 ml/kg seed. ➤ Treat the seeds with Fluxapyroxad 333 g/l FS 1.0 ml/ kg seeds or Carboxin 37.5% + Thiram 37.5% WS 2.25 g/Kg seed. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Black gram	GU-1 & 2, T-9	Sowing	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of black gram crop. ➤ Apply soil amendment with farm yard manure 12.5 ton/ha. ➤ Seed treat with Trichoderma viride 1.0% AS 4-6 ml/kg. ➤ Avoid excessive use of nitrogenous fertilizers. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Sesame	GT- 1, 2, 3 & 6	Sowing	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of sesame crop. ➤ Furrow application of Trichoderma 2.5 to 3 kg in 300 kg of FYM or castor cake/ha at the time of sowing. ➤ Treat the seeds with Thirum 75% WP ot

			<p>Captan 50% WP 2-3 g/kg seeds or Metalaxyl 35% WP 4 g/kg seeds.</p> <ul style="list-style-type: none"> ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Green gram	GM-4, GAM-5, K-851	Sowing	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of green gram crop. ➤ Apply soil amendment with farm yard manure 12.5 ton/ha. ➤ Seed treat with Trichoderma viride 1.0% AS 4-6 ml/kg. ➤ Avoid excessive use of nitrogenous fertilizers. ➤ Sowing operation should be carry out during waspa condition. ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Pigeon pea	BDN-2, GJP-1, Vaishali, GT-100	-	<ul style="list-style-type: none"> ➤ To procure good quality and select the certified seed with high yielding variety of pigeon pea crop.
Horticultur e crops	-	-	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing crop field during heavy rainfall period.
Vegetable crops	-	-	<ul style="list-style-type: none"> ➤ Drain out excess rain water from standing plant. ➤ To apply fertilizer and any agro-chemicals to the crops during this period. ➤ To the spray of agrochemicals during this period. ➤ Hand weeding and interculturing operation should be carry out. ➤ To apply irrigation to the crop at regular interval. ➤ Keep vegetable crop weed free, apply irrigation regularly and send vegetable fruit to the market often grading.

Livestock	-	-	<ul style="list-style-type: none"> ➤ To provide adequate food & clean water for drinking and keep the animals clean shed. ➤ Spray phenyl in the animal shed to avoid flies and mosquitoes. ➤ Give stored fodder with mineral mixture. Fodder should be stored at safe place. ➤ Use chaff cutter for fodder. ➤ For the control of tick and other parasites, spray deltemethrin or aemitaz 2 ml in 1 litre of water. ➤ Udder of milking animals must be properly clean with zinc oxide or boric powder.
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AMFU Arnej:

AHMEDABAD

Advisory		
General advice	Undertake sowing under vapsa condition during non-rainy period. Due to forecast of moderate rainfall, farmers are advised to make arrangement to remove excess rain water from the field. Procure improved varieties/hybrid seeds, fertilizers, agrochemicals and other inputs accordingly. Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding Agromet Advisory in Gujarati language. Click on following link to download this application user: https://play.google.com/store/apps/details?id=com.aas.meghdoot	
Field Crops	Stage	Advisory
Rice	Nursery/ Transplanting	Transplant 20-25 days old rice seedlings in well prepared main field and use 2-3 plants per hill for planting with spacing of 20 cm between row and 15 cm between plants. Make arrangement to remove excess rain water from the field.
Cotton	Sowing/ Vegetative	Undertake sowing under vapsa condition during non-rainy period. Carry out thinning operation where two or more extra plants germinated and undertake gap filling operation in sown cotton field. Make arrangement to remove excess rain water from the field.
Groundnut	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Green gram	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Black gram	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from

		the field.
Pigeon pea	Sowing	Sowing should be done immediate after sufficient rainfall received during till July month. Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Pearl millet	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fodder maize	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fodder sorghum	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fodder bajra	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fruit Crop	Stage	Advisory
Chilli	Transplanting	Seedlings can be grown when sufficient rainfall received in July month to till 15 September with spacing of 60 cm x 60 cm. Make arrangement to remove excess rain water from the field.
Tomato	Transplanting	Seedlings can be grown when sufficient rainfall received in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. Make arrangement to remove excess rain water from the field.
Brinjal	Transplanting	Seedlings can be grown when sufficient rainfall received in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. Make arrangement to remove excess rain water from the field.
Livestock		
Keep animals at safer place. Vaccinate the animals against outbreaks of diseases like Foot and Mouth Disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black Quarter (B.Q.) during onset of monsoon.		

BHAVNAGAR

Advisory	
General advice	Undertake sowing under vapsa condition during non-rainy period. Due to forecast of heavy to moderate rainfall, farmers are advised to make arrangement to remove excess rain water from the field. Procure improved varieties/hybrid seeds, fertilizers, agrochemicals and other inputs accordingly. Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding Agromet Advisory in

	Gujarati language. Click on following link to download this application user: https://play.google.com/store/apps/details?id=com.aas.meghdoot	
Field Crops	Stage	Advisory
Cotton	Sowing/ Vegetative	Undertake sowing under vapsa condition during non-rainy period. Carry out thinning operation where two or more extra plants germinated and undertake gap filling operation in sown cotton field. Make arrangement to remove excess rain water from the field.
Groundnut	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Green gram	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Black gram	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Pigeon pea	Sowing	Sowing should be done immediate after sufficient rainfall received during till July month. Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Pearl millet	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fodder maize	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fodder sorghum	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fodder bajra	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fruit Crop	Stage	Advisory
Chilli	Transplanting	Seedlings can be grown when sufficient rainfall received in July month to till 15 September with spacing of 60 cm x 60 cm. Make arrangement to remove excess rain water from the field.
Tomato	Transplanting	Seedlings can be grown when sufficient rainfall received in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. Make arrangement to remove excess rain water from the

		field.
Brinjal	Transplanting	Seedlings can be grown when sufficient rainfall received in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. Make arrangement to remove excess rain water from the field.
Livestock		
Keep animals at safer place. Vaccinate the animals against outbreaks of diseases like Foot and Mouth Disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black Quarter (B.Q.) during onset of monsoon.		

BOTAD

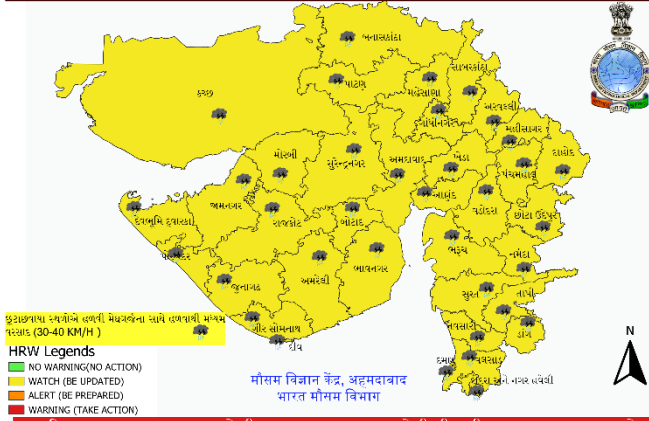
Advisory		
General advice	Undertake sowing under vapsa condition during non-rainy period. Due to forecast of heavy to moderate rainfall, farmers are advised to make arrangement to remove excess rain water from the field. Procure improved varieties/hybrid seeds, fertilizers, agrochemicals and other inputs accordingly. Farmers are advised to download MEGHDOOT mobile application for acquiring information regarding Agromet Advisory in Gujarati language. Click on following link to download this application user: https://play.google.com/store/apps/details?id=com.aas.meghdoot	
Field Crops	Stage	Advisory
Cotton	Sowing/ Vegetative	Undertake sowing under vapsa condition during non-rainy period. Carry out thinning operation where two or more extra plants germinated and undertake gap filling operation in sown cotton field. Make arrangement to remove excess rain water from the field.
Groundnut	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Green gram	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Black gram	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Pigeon pea	Sowing	Sowing should be done immediate after sufficient rainfall received during till July month. Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Pearl millet	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.

Fodder maize	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fodder sorghum	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fodder bajra	Sowing	Undertake sowing under vapsa condition during non-rainy period. Make arrangement to remove excess rain water from the field.
Fruit Crop	Stage	Advisory
Chilli	Transplanting	Seedlings can be grown when sufficient rainfall received in July month to till 15 September with spacing of 60 cm x 60 cm. Make arrangement to remove excess rain water from the field.
Tomato	Transplanting	Seedlings can be grown when sufficient rainfall received in July month with spacing of 90 cm x 45 cm or 75 cm x 45 cm. Make arrangement to remove excess rain water from the field.
Brinjal	Transplanting	Seedlings can be grown when sufficient rainfall received in July month with spacing of 90 cm x 60 cm or 90 cm x 75 cm. Make arrangement to remove excess rain water from the field.
Livestock		
Keep animals at safer place. Vaccinate the animals against outbreaks of diseases like Foot and Mouth Disease (FMD), Haemorrhagic Septicaemia (H.S.) and Black Quarter (B.Q.) during onset of monsoon.		

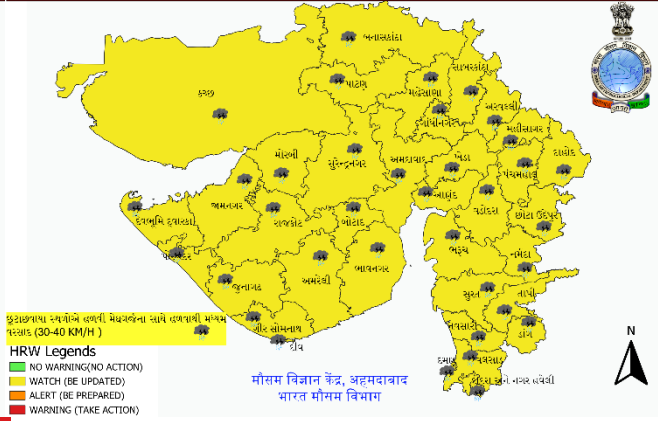
District level weather warning issued by M.C.Ahmedabad

THUNDERSTORM WARNING

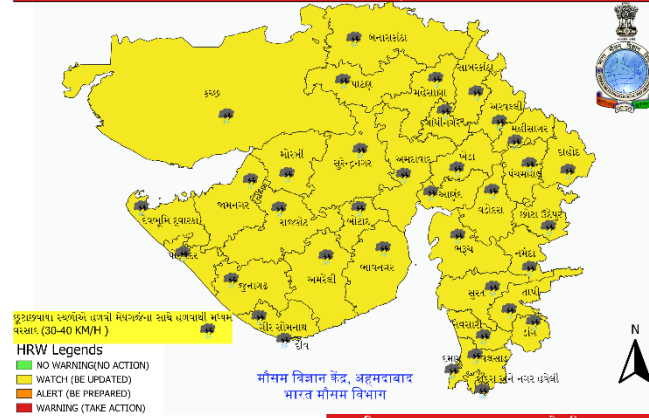
દિવસ - 1 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની તારીખ 09-07-2025 માટે
મેઘગર્જનાની ચેતવણી



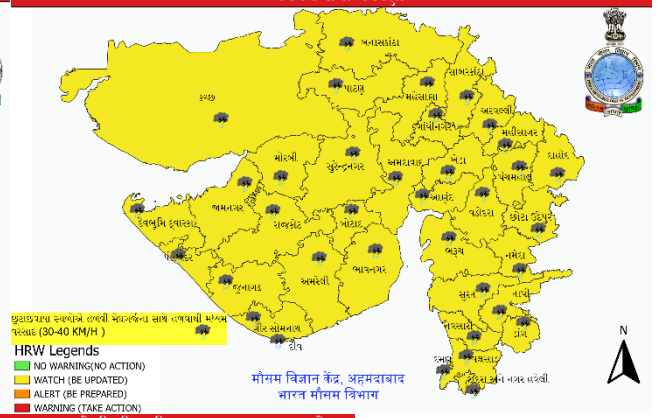
દિવસ - 2 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની તારીખ 10-07-2025 માટે
મેઘગર્જનાની ચેતવણી



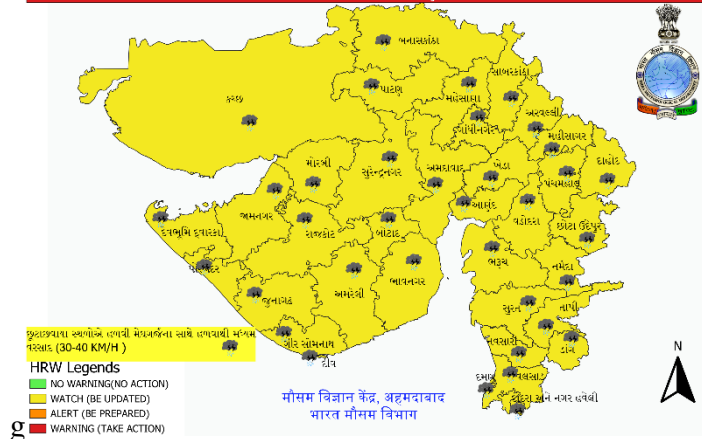
દિવસ - 3 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની તારીખ 11-07-2025 માટે
મેઘગર્જનાની ચેતવણી



દિવસ - 4 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની તારીખ 12-07-2025 માટે
મેઘગર્જનાની ચેતવણી

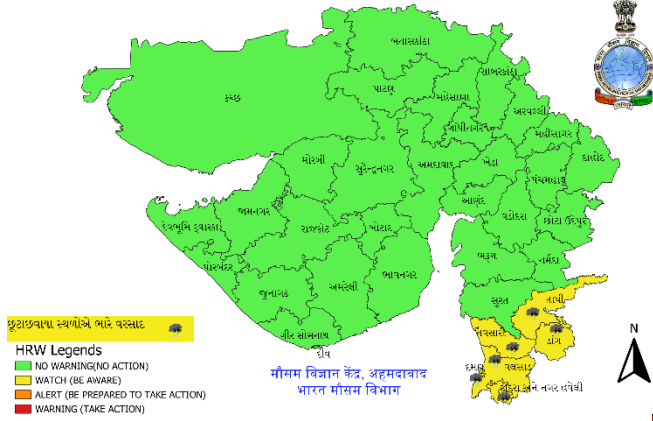


દિવસ - 5 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની તારીખ 13-07-2025 માટે
મેઘગર્જનાની ચેતવણી

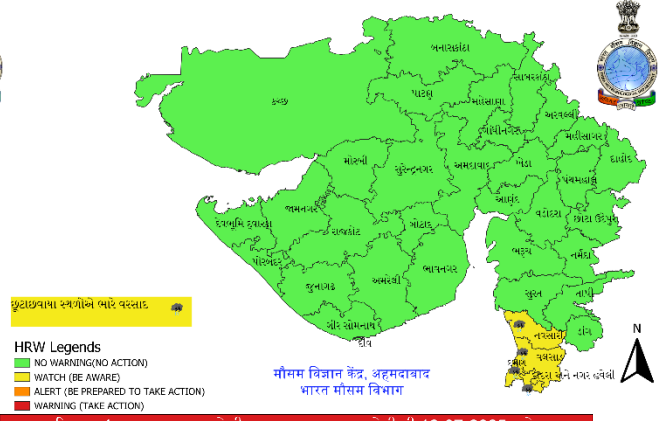


HEAVY RAINFALL WARNING: -

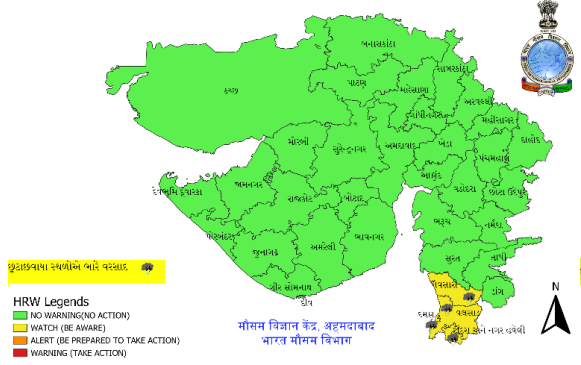
દિવસ - 1 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની 09-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



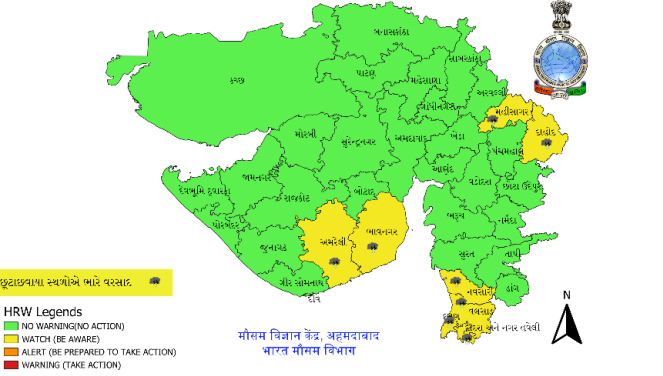
દિવસ - 2 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 10-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



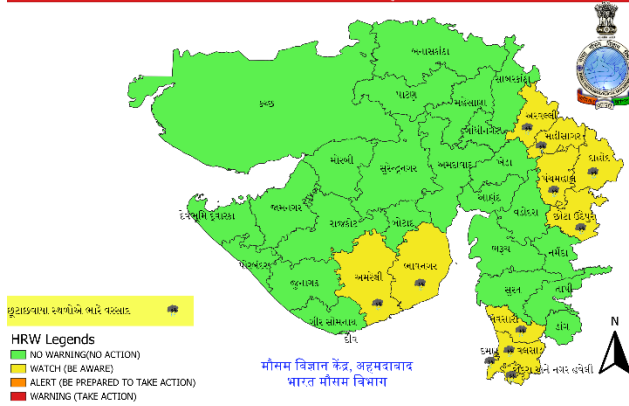
દિવસ - 3 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 11-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



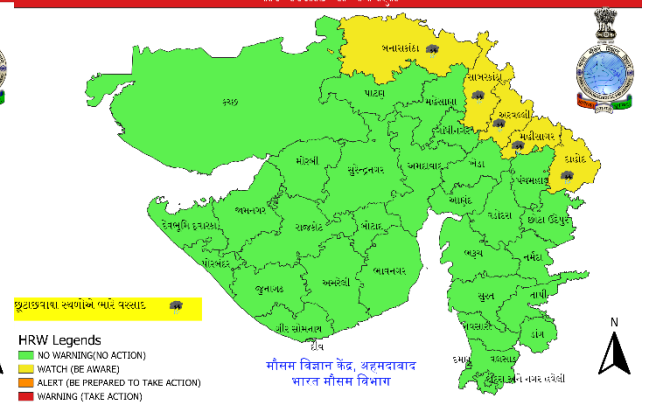
દિવસ - 4 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 12-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



દિવસ - 5 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 13-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'

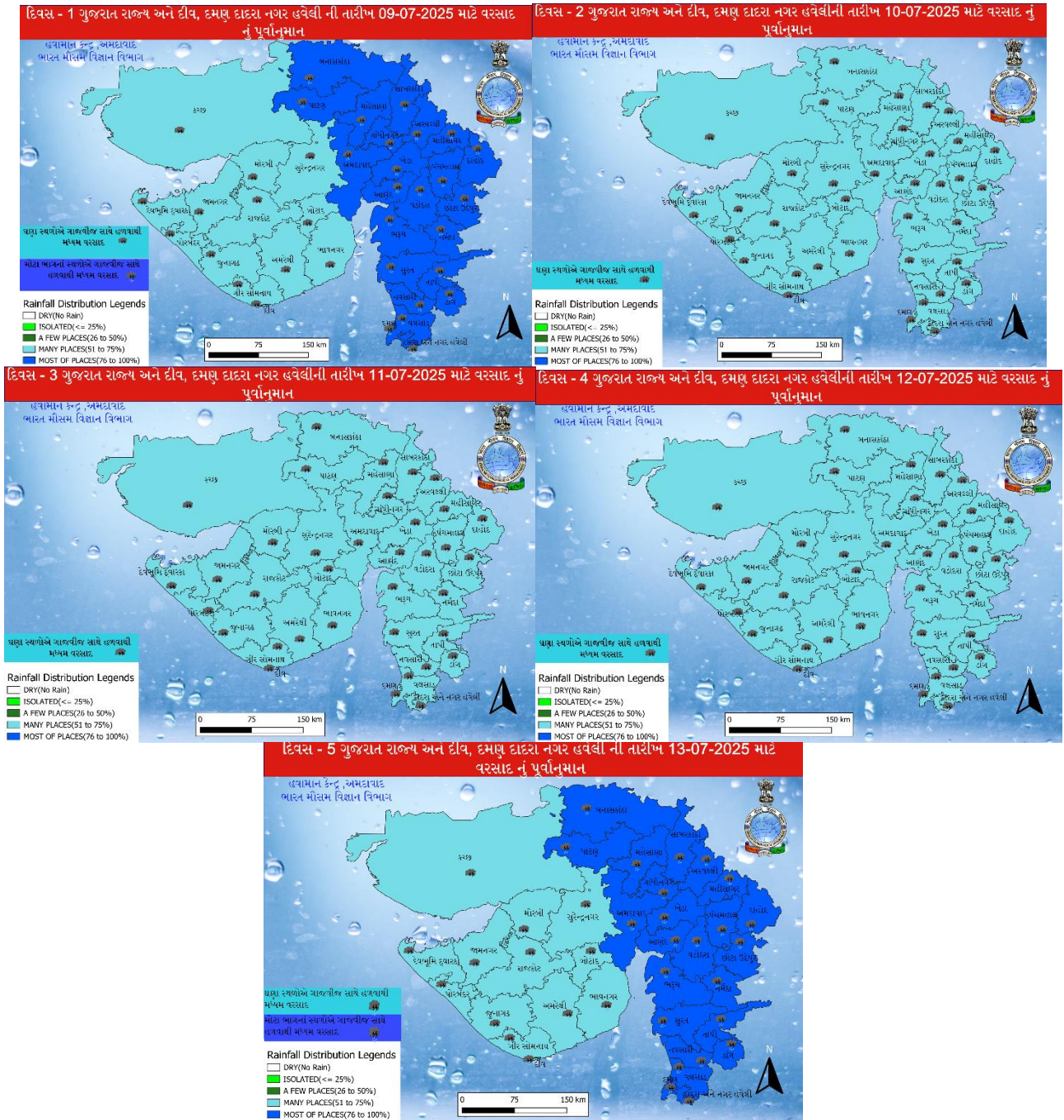


દિવસ - 6 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની 14-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



Meteorological Subdivision Level Rainfall Weather Forecast for next 5 days

RAINFALL DISTRIBUTION



Annexure III

District forecast and warning for next five days.

DISTRICT		09 JUL	10 JUL	11 JUL	12 JUL	13 JUL
		DAY-1 (Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)

DISTRICT		09 JUL	10 JUL	11 JUL	12 JUL	13 JUL
		DAY-1 (Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
BANASKANTHA	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
PATAN	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
MEHSANA	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
SABARKANTHA	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
GANDHINAGAR	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely

DISTRICT		09 JUL	10 JUL	11 JUL	12 JUL	13 JUL
		DAY-1 (Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
ARAVALLI	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Heavy rain at isolated places Very Likely
KHEDA	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
AHMEDABAD	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
ANAND	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
BARODA	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely

DISTRICT		09 JUL	10 JUL	11 JUL	12 JUL	13 JUL
		DAY-1 (Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
PANCHMAHAL	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Heavy rain at isolated places Very Likely
DAHOD	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Heavy rain at isolated places Very Likely	Heavy rain at isolated places Very Likely
MAHISAGAR	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Heavy rain at isolated places Very Likely	Heavy rain at isolated places Very Likely
CHHOTA UDAIPUR	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Heavy rain at isolated places Very Likely
NARMADA	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely

DISTRICT		09 JUL	10 JUL	11 JUL	12 JUL	13 JUL
		DAY-1 (Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
BHARUCH	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
SURAT	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
DANGS	Intensity Probability	Heavy rain at isolated places	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
NAVSARI	Intensity Probability	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
VALSAD	Intensity Probability	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
TAPI	Intensity Probability	Heavy rain at isolated places	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
DADARA NAGAR HAVELI	Intensity Probability	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places	Heavy rain at isolated places
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely

DISTRICT		09 JUL	10 JUL	11 JUL	12 JUL	13 JUL
		DAY-1 (Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
DAMAN	Intensity Probability	Heavy rain at isolated places Very Likely	Heavy rain at isolated places Very Likely	Heavy rain at isolated places Very Likely	Heavy rain at isolated places Very Likely	Heavy rain at isolated places Very Likely
SURENDRANAGAR	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
RAJKOT	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
JAMNAGAR	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
PORBANDAR	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
JUNAGADH	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely

DISTRICT		09 JUL	10 JUL	11 JUL	12 JUL	13 JUL
		DAY-1 (Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
AMRELI	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Heavy rain at isolated places Very Likely	Heavy rain at isolated places Very Likely
BHAVNAGAR	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Heavy rain at isolated places Very Likely	Heavy rain at isolated places Very Likely
MORBI	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
DEVBHUMI DWARKA	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely
GIR SOMNATH	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH) Very Likely

DISTRICT		09 JUL	10 JUL	11 JUL	12 JUL	13 JUL
		DAY-1 (Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
BOTAD	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
KUTCH	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely
DIU	Intensity Probability	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)	Light thunderstrom with light to moderate rain at isolated places (30-40 KMPH)
		Very Likely	Very Likely	Very Likely	Very Likely	Very Likely

Warning Colour Codes	हिन्दी	मराठी
WARNING (TAKE ACTION)	चेतावनी	चेतावणी
ALERT (BE PREPARED)	सतर्क रहें	सतर्क असावे
WATCH (BE UPDATED)	निगरानी रखें	लक्ष असावे
NO WARNING (NO ACTION)	कोई चेतावनी नहीं	धोम्याची सूचना नाही



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State