



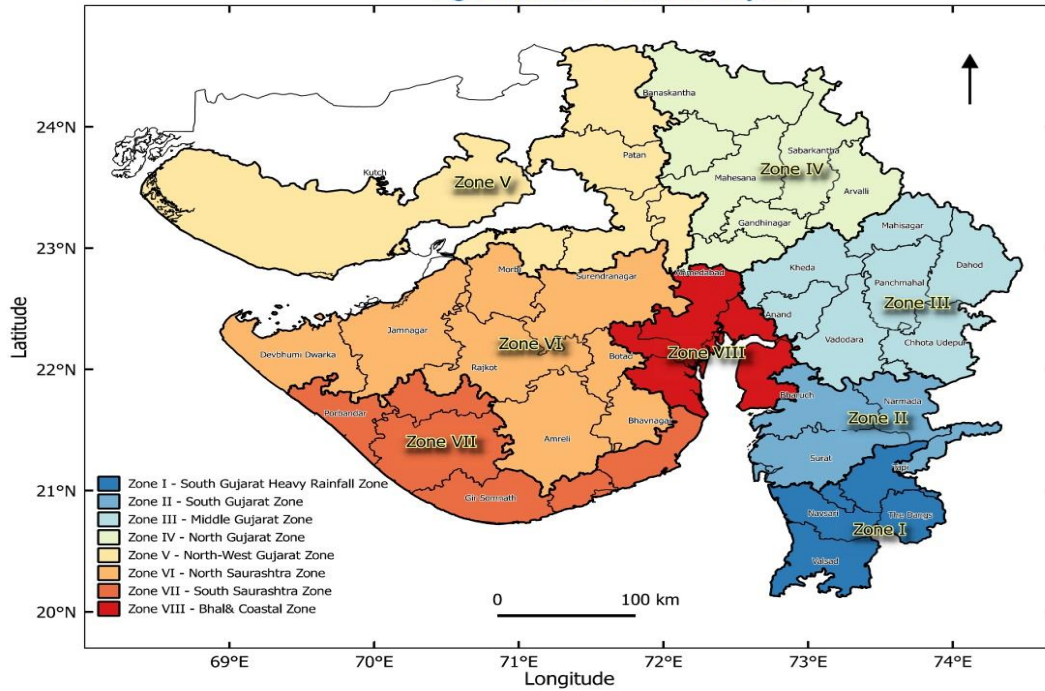
Agromet Advisory Service Bulletin for the State of Gujarat

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

Bulletin No. 53/2025

Issued on 02-07-2025

Agro-Climatic zones of Gujarat



Weather warnings (Met-Subdivision Level)

DAY1:	<p>Heavy to very heavy rain very likely at isolated places in the districts of Gujarat region namely Banaskantha, Sabarkantha, Aravalli, Gandhinagar, Dahod, Mahisagar, Dang, Tapi, Navsari, Valsad and in Daman, Dadara Nagar Haveli.</p> <p>Heavy rains very likely at isolated places at isolated places in the districts of Gujarat region namely Patan, Mehsana, Kheda, Ahmedabad, Anand, Panchmahal, Vadodara, Chhota Udepur, Narmada, Bharuch and Surat; in the district 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>
DAY2:	<p>Heavy to very heavy rain very likely at isolated places in the districts of Gujarat region namely Banaskantha and Sabarkantha.</p>

	Heavy rains very likely at isolated places at isolated places in the districts of Gujarat region namely Patan, Mehsana, Gandhinagar, Aravalli, Mahisagar, Surat, Dang, Tapi, Navsari, Valsad and in Daman, Dadara Nagar Haveli; in the district of Saurashtra- Kutch namely Amreli, Bhavnagar and in Kutch.
	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:	Heavy rains very likely at isolated places at isolated places in the districts of Gujarat region namely Sabarkantha, Aravalli, Dahod, Mahisagar, Navsari, Valsad and in Daman, Dadara Nagar Haveli; in the district of Saurashtra- Kutch namely Amreli, Bhavnagar, Gir Somnath and in Diu.
	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.
DAY4:	Heavy to very heavy rain very likely at isolated places in the districts of Gujarat region namely Aravalli, Dahod and Mahisagar.
	Heavy rains very likely at isolated places at isolated places in the districts of Gujarat region namely Banaskantha, Sabarkantha, Mehsana, Panchmahal, Chhota-Udepur Surat, Dang, Tapi, Navsari, Valsad, and in Daman, Dadara Nagar Haveli; in the district of Saurashtra- Kutch namely Amreli, Bhavnagar, Gir Somnath and in Diu.
	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.
DAY5:	Heavy to very heavy rain very likely at isolated places in the districts of Gujarat region namely Sabarkantha, Aravalli, Navsari, Valsad and in Daman, Dadara Nagar Haveli.
	Heavy rains very likely at isolated places at isolated places in the districts of Gujarat region namely Banaskantha, Patan, Mehsana, Gandhinagar, Kheda, Ahmedabad, Anand, Panchmahal, Dahod, Mahisagar, Vadodara, Chhota Udepur, Narmada, Bharuch, Surat, Dang, Tapi; in the district of Saurashtra- Kutch namely Surendranagar, Amreli

Bhavnagar, Gir Somnath, Botad and in Diu.

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.

Extended Range forecast at Met-Subdivision Level (02nd July to 07th July 2025)

Meteorological Sub-Division	Rainfall	Max Temp
Gujarat region	Above Normal	Below Normal
Saurashtra-Kutch	Above 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 (28June - 01 July 2025) :

Met Sub Division	28-06-2025	29-06-2025	30-06-2025	01-07-2025
Gujarat region	WS	WS	WS	SCT/FWS
Saurashtra-Kutch	WS	FWS/WS	FWS/WS	SCT/ISOL

Rainfall forecast for next 5 days

Met Sub Division	02-07-2025	03-07-2025	04-07-2025	05-07-2025	06-07-2025
Gujarat region	WS	WS	WS	WS	WS
Saurashtra-Kutch	WS	WS	WS	WS	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 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.
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)	Land preparation		<ul style="list-style-type: none"> Field preparation for sowing of kharif paddy is carried out after harvesting of summer crop. Apply well decompose FYM/Compost at the time of land preparation.
			<ul style="list-style-type: none"> Farmers are advised to procure good quality seed from certified source.
	Nursery preparation		<ul style="list-style-type: none"> 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	Land preparation stage		<ul style="list-style-type: none"> Land preparation for sowing of finger millet is carried out after harvesting of summer crop. Apply well decompose FYM/Compost at the time of land preparation.
	Nursery preparation		<ul style="list-style-type: none"> 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	Tillering stage		<ul style="list-style-type: none"> Light earthing up should be carried out at 90 DAS and apply trichoderma and pseudomonas at 5 kg or liter per hectare. Spray 0.5 % Acetobacter solution after 30 and 45 days of planting. After plantation 900 liter/ha apply Jivamrut with irrigation in three equal interval split 45, 90 and 120 days. Prop the sugarcanes by tying together the canes in clump to protect against high wind speed.
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.
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.
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 tock 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 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.
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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.

	<ul style="list-style-type: none"> • 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.
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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 captan 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	<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.

	<ul style="list-style-type: none"> • 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.
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AMFU Anand:

Main Crops	Stage	Disease/ Pest/Manag ement	Advisory
KHARIF RICE	Nursery		<ul style="list-style-type: none"> • Early maturing varieties: GR-5, 7, 12, Gurjari, G.N.R.-3, 6, G.R.-17, 18 and Mahisagar. (Direct seeded: G.A.R.-201) • Medium late maturing varieties: GR-11, Jaya, IR-22, GR-103, NAUR-1, GAU-13, GNR-7, GR-21 and GAR-22 • Late maturing varieties: Masuri, GNRH-1 and GRH-2 • Salt tolerant varieties: Dandi, SLR-51214, GNR-2 and GNR-5 • Undertake sowing under vapsa condition during non-rainy period. • Seed rate: 25-30 kg/ha • Seed should treat with 3 g carbendazim per kg seed as a dry seed treatment and 25 kg seed treat with 6 g streptocycline in 24 litre of water and keep for 10 hours before sowing as a wet seed treatment. • 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. • Make provision to drain out excess rain water stagnation from sown nursery.
VEGETABLE CROPS	Nursery		<ul style="list-style-type: none"> • <u>Variety:</u> Chilli: Improved varieties like GVC-101, GVC-111, GVC-121, Jwala, AVNPC-131 and Hybrids like Gujarat Anand Hybrid chilli-1, S-49 Tomato: Gujarat Tomato-6, 7, Anand Tomat-3, Gujarat Anand Tomato-5, 8, Arka Rakshak Brinjal: GAB-6 (Anand Dolly), GAOB-2, GABH-3 • Undertake sowing under vapsa condition during non-rainy period. • Farmers are advised to start sowing of Chilli, tomato and brinjal seeds in raised bed or portrays with cocopeat for raising of seedlings for <i>kharif</i> transplanting. Use (75% Shaded intensity) shade net for cover the nursery area to prevent insect entry.

			<ul style="list-style-type: none"> About 100 kg of FYM per guntha or 10 kg caster cake per guntha mix well in the soil during nursery land preparation. Apply 200 gm of Nitrogen and Phosphorus before sowing of seeds by mixing the soil. Make provision to drain out excess rain water stagnation from sown nursery.
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	Sowing/ Germination		<ul style="list-style-type: none"> Variety selection for <i>kharif</i>: Select varieties like GHB-538, 577, 719, 732, 744, 757, 719, 906 Seed rate: 4.0 kg/ha Recommended dose is 80-40-0 kg NPK fertilizer/ha. Half dose of Nitrogen and total dose of phosphorus should apply as a basal before sowing. Undertake sowing under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown crop field.
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. 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			<ul style="list-style-type: none"> Deshi variety: Gujarat Anand Deshi Cotton-2, Gujarat Anand

	Sowing/ Germination/ Vegetative		<p>Deshi Cotton-3 (Vaghad Gaurav), Gujarat Anand Deshi Cotton-4 (Vaghad Resham), Gujarat Cotton-13, 21,23, Gujarat Deshi Cotton 5 (Anand Kanchan), Gujarat Navsari Cotton 25</p> <ul style="list-style-type: none"> • Hybrid: Gujarat Navsari Hybrid Cotton- 14 and 18, Gujarat cotton 38 and Gujarat Hybrid cotton 22 • BT: Gujarat Hybrid Cotton 6, 8, 10, 12 GTHH-49 and other govt. certified BT varieties. • 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.
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.

Chhota Udepur

Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Variety selection/ Nursery		<ul style="list-style-type: none"> • Early maturing varieties: GR-5, 7, 12, Gurjari, G.N.R.-3, 6, G.R.-17,18 and Mahisagar. (Direct seeded: G.A.R.-201) • Medium late maturing varieties: GR-11, Jaya, IR-22, GR-103, NAUR-1, GAU-13, GNR-7, GR-21 and GAR-22 • Late maturing varieties: Masuri, GNRH-1 and GRH-2 • Salt tolerant varieties: Dandi, SLR-51214, GNR-2 and GNR-5 • Postpone/avoid sowing of rice seed in nursery during forecast of heavy rain or undertake sowing under vapsa condition during non-rainy period. • Prepared nursery in 1000 square meter area for transplanting of paddy seedlings in 1 hectare land. Select well drained and levelled soil for nursery preparation. Land should be prepared after ploughing, harrowing and make raised beds as 10 m long and 1m wide. Apply recommended well decomposed 20 kg FYM/Compost + 1 kg castor cake +

			<p>250 g Ammonium Sulphate + 500 g Single Super Phosphate per bed as a basal at the time of nursery preparation. Apply 250 g 250 g Ammonium Sulphate as a split dose of fertilizer at 15 days after sowing in nursery.</p> <ul style="list-style-type: none"> • Make provision to drain out excess rain water stagnation from sown nursery.
VEGETABLE CROPS	Variety selection/ Nursery		<ul style="list-style-type: none"> • Variety: Chilli: Improved varieties like GVC-101, GVC-111, GVC-121, Jwala, AVNPC-131 and Hybrids like Gujarat Anand Hybrid chilli-1, S-49 Tomato: Gujarat Tomato-6, 7, Anand Tomat-3, Gujarat Anand Tomato-5, 8, Arka Rakshak Brinjal: GAB-6 (Anand Dolly), GAOB-2, GABH-3 • Postpone/avoid sowing of rice seed in nursery during forecast of heavy rain or undertake sowing under vapsa condition during non-rainy period. • Make provision to drain out excess rain water stagnation from sown nursery.
FODDER CROPS	Land preparation/ Sowing		<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 • Postpone/avoid sowing of crop during forecast of heavy rain or undertake sowing when under vapsa condition during non-rainy period. • 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	Land preparation/ Sowing		<ul style="list-style-type: none"> • Gujarat Soybean-1, 2, JS-335, NRC 37 • Sowing time: June to Mid- July month • Sowing distance: 45 x 7.5 cm or 30 x 5.0 cm • Recommended fertilizer: Apply 15:60:20:15 (N:P:K:S) kg/ha to the soil before sowing.

			<ul style="list-style-type: none"> Postpone/avoid sowing of crop during forecast of heavy rain or undertake sowing when under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown crop field.
COTTON	Sowing/ Germination/ Vegetative		<ul style="list-style-type: none"> Desi variety: Gujarat Anand Deshi Cotton-2, Gujarat Anand Deshi Cotton-3 (Vaghad Gaurav), Gujarat Anand Deshi Cotton-4 (Vaghad Resham), Gujarat Cotton-13, 21,23, Gujarat Deshi Cotton 5 (Anand Kanchan), Gujarat Navsari Cotton 25 Hybrid: Gujarat Navsari Hybrid Cotton- 14 and 18, Gujarat cotton 38 and Gujarat Hybrid cotton 22 BT: Gujarat Hybrid Cotton 6, 8, 10, 12 GTHH-49 and other govt. certified BT varieties. 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.
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

Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Variety selection/ Nursery		<ul style="list-style-type: none"> Early maturing varieties: GR-5, 7, 12, Gurjari, G.N.R.-3, 6, G.R.-17,18 and Mahisagar. (Direct seeded: G.A.R.-201) Medium late maturing varieties: GR-11, Jaya, IR-22, GR-103, NAUR-1, GAU-13, GNR-7, GR-21 and GAR-22 Late maturing varieties: Masuri, GNRH-1 and GRH-2 Salt tolerant varieties: Dandi, SLR-51214, GNR-2 and GNR-5 Undertake sowing under vapsa condition during non-rainy

			<p>period.</p> <ul style="list-style-type: none"> Seed rate: 25-30 kg/ha Seed should treat with 3 g carbendazim per kg seed as a dry seed treatment and 25 kg seed treat with 6 g streptocycline in 24 litre of water and keep for 10 hours before sowing as a wet seed treatment. 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. Make provision to drain out excess rain water stagnation from sown nursery.
VEGETABLE CROPS	Variety selection/ Nursery		<ul style="list-style-type: none"> Variety: Chilli: Improved varieties like GVC-101, GVC-111, GVC-121, Jwala, AVNPC-131 and Hybrids like Gujarat Anand Hybrid chilli-1, S-49 Tomato: Gujarat Tomato-6, 7, Anand Tomat-3, Gujarat Anand Tomato-5, 8, Arka Rakshak Brinjal: GAB-6 (Anand Dolly), GAOB-2, GABH-3 Postpone/avoid sowing of rice seed in nursery during forecast of heavy rain or undertake sowing under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown nursery.
KHARIF PEARL MILLET	Land preparation/ Sowing		<ul style="list-style-type: none"> Variety selection for <i>kharif</i>: Select varieties like GHB-538, 577, 719, 732, 744, 757, 719, 906 Seed rate: 4.0 kg/ha Postpone/avoid sowing of crop during forecast of heavy rain or undertake sowing when under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown crop field.
FODDER CROPS	Land preparation/ Sowing		<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 Postpone/avoid sowing of crop during forecast of heavy rain or undertake sowing when under vapsa condition during non-rainy period. 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)

			<ul style="list-style-type: none"> • 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	Land preparation/ Sowing		<ul style="list-style-type: none"> • Gujarat Soybean-1, 2, JS-335, NRC 37 • Sowing time: June to Mid- July month • Sowing distance: 45 x 7.5 cm or 30 x 5.0 cm • Recommended fertilizer: Apply 15:60:20:15 (N:P:K:S) kg/ha to the soil before sowing. • Postpone/avoid sowing of crop during forecast of heavy rain or undertake sowing when under vapsa condition during non-rainy period. • Make provision to drain out excess rain water stagnation from sown crop field.
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

Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Nursery		<ul style="list-style-type: none"> • Early maturing varieties: GR-5, 7, 12, Gurjari, G.N.R.-3, 6, G.R.-17, 18 and Mahisagar. (Direct seeded: G.A.R.-201) • Medium late maturing varieties: GR-11, Jaya, IR-22, GR-103, NAUR-1, GAU-13, GNR-7, GR-21 and GAR-22 • Late maturing varieties: Masuri, GNRH-1 and GRH-2 • Salt tolerant varieties: Dandi, SLR-51214, GNR-2 and GNR-5 • Undertake sowing under vapsa condition during non-rainy period. • Seed rate: 25-30 kg/ha • Seed should treat with 3 g carbendazim per kg seed as a dry seed treatment and 25 kg seed treat with 6 g streptocycline in 24 litre of water and keep for 10 hours before sowing as a wet seed treatment. • 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. • Make provision to drain out excess rain water stagnation from

			sown nursery.
VEGETABLE CROPS	Nursery		<ul style="list-style-type: none"> Variety: Chilli: Improved varieties like GVC-101, GVC-111, GVC-121, Jwala, AVNPC-131 and Hybrids like Gujarat Anand Hybrid chilli-1, S-49 Tomato: Gujarat Tomato-6, 7, Anand Tomat-3, Gujarat Anand Tomato-5, 8, Arka Rakshak Brinjal: GAB-6 (Anand Dolly), GAOB-2, GABH-3 Undertake sowing under vapsa condition during non-rainy period. Farmers are advised to start sowing of Chilli, tomato and brinjal seeds in raised bed or portrays with cocopeat for raising of seedlings for <i>kharif</i> transplanting. Use (75% Shaded intensity) shade net for cover the nursery area to prevent insect entry. About 100 kg of FYM per guntha or 10 kg caster cake per guntha mix well in the soil during nursery land preparation. Apply 200 gm of Nitrogen and Phosphorus before sowing of seeds by mixing the soil. Make provision to drain out excess rain water stagnation from sown nursery.
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	Sowing/ Germination		<ul style="list-style-type: none"> Variety selection for <i>kharif</i>: Select varieties like GHB-538, 577, 719, 732, 744, 757, 719, 906 Seed rate: 4.0 kg/ha Recommended dose is 80-40-0 kg NPK fertilizer/ha. Half dose of Nitrogen and total dose of phosphorus should apply as a basal before sowing. Undertake sowing under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown crop field.
FODDER CROPS	Sowing		<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. 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-

			<p>2, ICPL-87</p> <ul style="list-style-type: none"> • 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 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	Sowing/ Germination/ Vegetative		<ul style="list-style-type: none"> • Desi variety: Gujarat Anand Deshi Cotton-2, Gujarat Anand Deshi Cotton-3 (Vaghad Gaurav), Gujarat Anand Deshi Cotton-4 (Vaghad Resham), Gujarat Cotton-13, 21,23, Gujarat Deshi Cotton 5 (Anand Kanchan), Gujarat Navsari Cotton 25 • Hybrid: Gujarat Navsari Hybrid Cotton- 14 and 18, Gujarat cotton 38 and Gujarat Hybrid cotton 22 • BT: Gujarat Hybrid Cotton 6, 8, 10, 12 GTHH-49 and other govt. certified BT varieties. • 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.
GROUDNUT	Sowing/ Germination		<ul style="list-style-type: none"> • GG-11, 20,22 (For early sowing) • GG-2, GJG-32, TAG-24, TPG-41, TG-37A (For rainfed sowing) • Undertake sowing under vapsa condition during non-rainy period. • Make provision to drain out excess rain water stagnation from sown crop field.
SOYBEAN	Sowing/ Germination		<ul style="list-style-type: none"> • Gujarat Soybean-1, 2, JS-335, NRC 37 • Sowing time: June to Mid- July month • Sowing distance: 45 x 7.5 cm or 30 x 5.0 cm

			<ul style="list-style-type: none"> • Recommended fertilizer: Apply 15:60:20:15 (N:P:K:S) kg/ha to the soil before sowing. • Undertake sowing under vapsa condition during non-rainy period. • Make provision to drain out excess rain water stagnation from sown crop field.
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. 		

MAHISAGAR

Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Variety selection/ Nursery		<ul style="list-style-type: none"> • Early maturing varieties: GR-5, 7, 12, Gurjari, G.N.R.-3, 6, G.R.-17,18 and Mahisagar. (Direct seeded: G.A.R.-201) • Medium late maturing varieties: GR-11, Jaya, IR-22, GR-103, NAUR-1, GAU-13, GNR-7, GR-21 and GAR-22 • Late maturing varieties: Masuri, GNRH-1 and GRH-2 • Salt tolerant varieties: Dandi, SLR-51214, GNR-2 and GNR-5 • Undertake sowing under vapsa condition during non-rainy period. • Seed rate: 25-30 kg/ha • Seed should treat with 3 g carbendazim per kg seed as a dry seed treatment and 25 kg seed treat with 6 g streptocycline in 24 litre of water and keep for 10 hours before sowing as a wet seed treatment. • 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. • Make provision to drain out excess rain water stagnation from sown nursery.
VEGETABLE	/		<ul style="list-style-type: none"> • Variety:

CROPS	Nursery		<p>Chilli: Improved varieties like GVC-101, GVC-111, GVC-121, Jwala, AVNPC-131 and Hybrids like Gujarat Anand Hybrid chilli-1, S-49</p> <p>Tomato: Gujarat Tomato-6, 7, Anand Tomat-3, Gujarat Anand Tomato-5, 8, Arka Rakshak</p> <p>Brinjal: GAB-6 (Anand Dolly), GAOB-2, GABH-3</p> <ul style="list-style-type: none"> • Undertake sowing under vapsa condition during non-rainy period. • Make provision to drain out excess rain water stagnation from sown nursery.
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	Land preparation/ Sowing		<ul style="list-style-type: none"> • Variety selection for <i>kharif</i>: Select varieties like GHB-538, 577, 719, 732, 744, 757, 719, 906 • Seed rate: 4.0 kg/ha • Undertake sowing under vapsa condition during non-rainy period. • Make provision to drain out excess rain water stagnation from sown crop field.
FODDER CROPS	Land preparation/ Sowing		<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 when under vapsa condition during non-rainy period. • 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	<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	Sowing/ Germination/ Vegetative	<ul style="list-style-type: none"> Desi variety: Gujarat Anand Deshi Cotton-2, Gujarat Anand Deshi Cotton-3 (Vaghad Gaurav), Gujarat Anand Deshi Cotton-4 (Vaghad Resham), Gujarat Cotton-13, 21,23, Gujarat Deshi Cotton 5 (Anand Kanchan), Gujarat Navsari Cotton 25 Hybrid: Gujarat Navsari Hybrid Cotton- 14 and 18, Gujarat cotton 38 and Gujarat Hybrid cotton 22 BT: Gujarat Hybrid Cotton 6, 8, 10, 12 GTHH-49 and other govt. certified BT varieties. 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.
GROUDNUT	Land preparation/ Sowing	<ul style="list-style-type: none"> GG-11, 20,22 (For early sowing) GG-2, GJG-32, TAG-24, TPG-41, TG-37A (For rainfed sowing) Undertake sowing when under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown crop field.
SOYBEAN	Land preparation/ Sowing	<ul style="list-style-type: none"> Gujarat Soybean-1, 2, JS-335, NRC 37 Sowing time: June to Mid- July month Sowing distance: 45 x 7.5 cm or 30 x 5.0 cm Recommended fertilizer: Apply 15:60:20:15 (N:P:K:S) kg/ha to the soil before sowing. Undertake sowing when under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown crop field.
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

Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Variety selection/ Nursery		<ul style="list-style-type: none"> Early maturing varieties: GR-5, 7, 12, Gurjari, G.N.R.-3, 6, G.R.-17, 18 and Mahisagar. (Direct seeded: G.A.R.-201) Medium late maturing varieties: GR-11, Jaya, IR-22, GR-103, NAUR-1, GAU-13, GNR-7, GR-21 and GAR-22 Late maturing varieties: Masuri, GNRH-1 and GRH-2 Salt tolerant varieties: Dandi, SLR-51214, GNR-2 and GNR-5 Undertake sowing under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown nursery.
VEGETABLE CROPS	Variety selection/ Nursery		<ul style="list-style-type: none"> Variety: Chilli: Improved varieties like GVC-101, GVC-111, GVC-121, Jwala, AVNPC-131 and Hybrids like Gujarat Anand Hybrid chilli-1, S-49 Tomato: Gujarat Tomato-6, 7, Anand Tomat-3, Gujarat Anand Tomato-5, 8, Arka Rakshak Brinjal: GAB-6 (Anand Dolly), GAOB-2, GABH-3 Undertake sowing under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown nursery.
KHARIF PEARL MILLET	Land preparation/ Sowing		<ul style="list-style-type: none"> Variety selection for <i>kharif</i>: Select varieties like GHB-538, 577, 719, 732, 744, 757, 719, 906 Seed rate: 4.0 kg/ha Undertake sowing under vapsa condition during non-rainy period. 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	<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	Land preparation/ Sowing	<ul style="list-style-type: none"> Gujarat Soybean-1, 2, JS-335, NRC 37 Sowing time: June to Mid- July month Sowing distance: 45 x 7.5 cm or 30 x 5.0 cm Recommended fertilizer: Apply 15:60:20:15 (N:P:K:S) kg/ha to the soil before sowing. Undertake sowing when under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown crop field.
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

Main Crops	Stage	Disease/ Pest/Management	Advisory
KHARIF RICE	Variety selection/ Nursery		<ul style="list-style-type: none"> Early maturing varieties: GR-5, 7, 12, Gurjari, G.N.R.-3, 6, G.R.-17, 18 and Mahisagar. (Direct seeded: G.A.R.-201) Medium late maturing varieties: GR-11, Jaya, IR-22, GR-103, NAUR-1, GAU-13, GNR-7, GR-21 and GAR-22 Late maturing varieties: Masuri, GNRH-1 and GRH-2 Salt tolerant varieties: Dandi, SLR-51214, GNR-2 and GNR-5 Undertake sowing under vapsa condition during non-rainy period. Seed rate: 25-30 kg/ha Seed should treat with 3 g carbendazim per kg seed as a dry seed treatment and 25 kg seed treat with 6 g streptocycline in 24 litre of water and keep for 10 hours before sowing as a wet seed treatment. Make provision to drain out excess rain water stagnation from sown nursery.
VEGETABLE	Variety		<ul style="list-style-type: none"> Variety:

CROPS	selection/ Nursery		<p>Chilli: Improved varieties like GVC-101, GVC-111, GVC-121, Jwala, AVNPC-131 and Hybrids like Gujarat Anand Hybrid chilli-1, S-49</p> <p>Tomato: Gujarat Tomato-6, 7, Anand Tomat-3, Gujarat Anand Tomato-5, 8, Arka Rakshak</p> <p>Brinjal: GAB-6 (Anand Dolly), GAOB-2, GABH-3</p> <ul style="list-style-type: none"> • Undertake sowing under vapsa condition during non-rainy period. • Make provision to drain out excess rain water stagnation from sown nursery.
FODDER CROPS	Land preparation/ Sowing		<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 when under vapsa condition during non-rainy period. • 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	Sowing/ Germination/ Vegetative		<ul style="list-style-type: none"> • Deshi variety: Gujarat Anand Deshi Cotton-2, Gujarat Anand Deshi Cotton-3 (Vaghad Gaurav), Gujarat Anand Deshi Cotton-4 (Vaghad Resham), Gujarat Cotton-13, 21,23, Gujarat Deshi Cotton 5 (Anand Kanchan), Gujarat Navsari Cotton 25 • Hybrid: Gujarat Navsari Hybrid Cotton- 14 and 18, Gujarat cotton 38 and Gujarat Hybrid cotton 22 • BT: Gujarat Hybrid Cotton 6, 8, 10, 12 GTHH-49 and other govt. certified BT varieties. • 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.

SOYBEAN	Land preparation/ Sowing		<ul style="list-style-type: none"> Gujarat Soybean-1, 2, JS-335, NRC 37 Sowing time: June to Mid- July month Sowing distance: 45 x 7.5 cm or 30 x 5.0 cm Recommended fertilizer: Apply 15:60:20:15 (N:P:K:S) kg/ha to the soil before sowing. Undertake sowing when under vapsa condition during non-rainy period. Make provision to drain out excess rain water stagnation from sown crop field.
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
 BANASKANTHA
GANDHINAGAR
 MEHSANA
 PATAN
 SABARKANTHA



DATA NOT AVAILABLE

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
Kharif groundnut	Germination/ Early establishment	-	<ul style="list-style-type: none"> • Drain out excess rain water from low lying area.
Cotton	Germination/ Early	-	<ul style="list-style-type: none"> • Drain out excess rain water from low lying area. • Carry out gap filling in time if needed.
Sesame	Germination/ Early	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing.
Pearl millet	Germination/ Early	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing.
Green gram	Germination/E arly	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing.
Black gram	Germination/ Early	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing.
Cow pea	Germination/ Early	-	<ul style="list-style-type: none"> • Carry out inter culturing and weeding. • Thin out after 15 days after sowing.
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	Germination/ Early	-	<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	<ul style="list-style-type: none"> • Farmers are advised for preparation of nursery for tomato, chilli, brinjal and early cauliflower (maturing in the month of September). It is also advised to use shed nets, which helps in reducing vector borne diseases and produce healthy seedlings. Nursery should be covered by net at the height of 6.5 feet for protection against sunlight. Seed should be sown in nursery after treatment with thiram 2.0 – 2.5 gram/kg of seed. <ul style="list-style-type: none"> • To prevent soil borne disease drenching of nursery bed should be done with Mencozeb 75 % WP @ 2.5 gm/ litre of water after 15 DAS. • Carry out transplanting of mature seedling of Chili, Brinjal, Cabbage and cauliflower. • Drain out excess rain water from nursery. 	
	Sowing/germ ination	<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. •Farems are also advised for Sowing of ladyfinger, cluster bean, kidney bean, cowpea, tur, amranthus.	
Lady finger	Flowering/fru iting	White fly & thrips	<ul style="list-style-type: none"> • Drain out excess rain water from field. • Apply supplementary fertilizer dose as per recommendation.
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. • Under present weather conditions, severe attack of thrips has been reported. Spray Profenofos 20 ml with 500 ml of 5 % neem seed extract or neem seed oil 50 ml in 10 litres of water. In case of heavy attack make spray of spinosad or spinetoram 3 ml per 10 liter of water.
Lemon	Fruit development		Drain out excess rain water from orchard. <ul style="list-style-type: none"> • Spray copper oxychloride 40 gm or streptocyclie 1.5 gm in 10 liters of water for the control of citrys canker in lemon. • Spray Dichlorvosh 10 ml or Quinalphos 20 ml in 10 literss of water for control of leaf minor.
Livestock & poultry 	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		

	<p>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>
Note	<p>Kindly download</p> <ul style="list-style-type: none"> • MAUSAM App for location specific forecast & warning. • MEGHDOOT App for Agromet advisory. • DAMINI App for lighting warning.

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"> ➤ For <i>Kharif</i> groundnut select semi-spread or erect varieties. ➤ In <i>Kharif</i> 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. ➤ If there has been sufficient rain for sowing, sowing should be started. ➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition. ➤ Application of Pre emergence herbicides after Sowing.

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. ➤ If there has been sufficient rain for sowing, sowing should be started. ➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition. ➤ Application of Pre emergence herbicides after Sowing.
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 soybean crop. ➤ In soybean apply 375 kg SSP/ha & 65.2 kg urea/ha at the time of sowing. ➤ If there has been sufficient rain for sowing, sowing should be started. ➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition. ➤ Application of Pre emergence herbicides after Sowing.
Mango	-	Fruit maturity	<ul style="list-style-type: none"> ➤ Apply irrigation regularly in mango orchard. ➤ To pick the mango fruit at physiological maturity stage and send it to the market often grading for selling.

Vegetable crops	-	Sowing/ Flowering/ Fruiting	<ul style="list-style-type: none"> ➤ To apply fertilizer and any agrochemicals 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 cool 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-	Sowing / Germination	<ul style="list-style-type: none"> ➤ For <i>Kharif</i> groundnut select semi-spread or erect varieties. ➤ In <i>Kharif</i> 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

	<p>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>		<p>Urea and 500 kg/ha Castor cake as basal dose.</p> <ul style="list-style-type: none">➤ Seed should be treatment with Dithane M-45/ mencozeb/vitavax @ 2 - 3 grams per kg of seeds before sowing.➤ If there has been sufficient rain for sowing, sowing should be started.➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition.➤ Application of Pre emergence herbicides after Sowing.
<p>Cotton</p>	<p>Gujarat Hybrid Cotton-6, 8, 12, GJC 101, G.J. 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.➤ If there has been sufficient rain for sowing, sowing should be started.➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition.➤ Application of Pre emergence herbicides after Sowing.
<p>Soybean</p>	<p>Guj. Soyabean – 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 soybean crop.➤ In soybean apply 375 kg SSP/ha & 65.2 kg urea/ha at the time of sowing.➤ If there has been sufficient rain for sowing, sowing should be started.➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition.➤ Application of Pre emergence herbicides after Sowing.

Mango	-	Fruit maturity	<ul style="list-style-type: none">➤ Apply irrigation regularly in mango orchard.➤ To pick the mango fruit at physiological maturity stage and send it to the market often grading for selling.
Vegetable crops	-	Sowing/ Flowering/ Fruiting	<ul style="list-style-type: none">➤ 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 cool 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"> ➤ For <i>Kharif</i> groundnut select semi-spread or erect varieties. ➤ In <i>Kharif</i> 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. ➤ If there has been sufficient rain for sowing, sowing should be started. ➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition. ➤ Application of Pre emergence herbicides after Sowing.
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. ➤ If there has been sufficient rain for sowing, sowing should be started. ➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition. ➤ Application of Pre emergence herbicides after Sowing.
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 soybean crop.

			<ul style="list-style-type: none"> ➤ In soybean apply 375 kg SSP/ha & 65.2 kg urea/ha at the time of sowing. ➤ If there has been sufficient rain for sowing, sowing should be started. ➤ Sowing of crop must be done when soil is in <i>wapsa</i> condition. ➤ Application of Pre emergence herbicides after Sowing.
Mango	-	Fruit maturity	<ul style="list-style-type: none"> ➤ Apply irrigation regularly in mango orchard. ➤ To pick the mango fruit at physiological maturity stage and send it to the market often grading for selling.
Vegetable crops	-	Sowing/ Flowering/ Fruiting	<ul style="list-style-type: none"> ➤ To apply fertilizer and any agrochemicals 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 cool 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

			<p>aemitaz 2 ml in 1 litre of water.</p> <p>➤ Udder of milking animals must be properly clean with zinc oxide or boric powder.</p>
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AMFU Arnej:

AHMEDABAD

Advisory		
General advice	<p>Undertake sowing under vapsa condition during non-rainy period. 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</p>	
Field Crops	Stage	Advisory
Rice	Variety selection/ Nursery	Early maturing varieties GR-5, 7, 12, Gurjari, G.N.R.-3, 6, G.R.-17, 18 and Mahisagar (Direct seeded: G.A.R.-201); Medium late maturing varieties: GR-11, Jaya, IR-22, GR-103, NAUR-1, GAU-13, GNR-7, GR21 and GAR-22; Late maturing varieties: Masuri, GNRH-1 and GRH-2. Salt tolerant varieties: Dandi, SLR-51214, GNR-2 and GNR-5.
Cotton	Variety selection/ Sowing	Desi varieties: Gujarat Anand Deshi Cotton- 3, Gujarat Anand Deshi Cotton- 4, Gujarat Cotton- 21, Gujarat Cotton- 23, Gujarat Cotton- 17; Hybrid varieties: Gujarat Hybrid Cotton- 6, Gujarat Hybrid Cotton- 8, Gujarat Hybrid Cotton- 10, Gujarat Hybrid Cotton- 12; BT varieties: GTHH- 49 and other govt. certified BT varieties. Undertake sowing under vapsa condition during non-rainy period.
Groundnut	Variety selection/ Sowing	Varieties: Semi erects GG- 20 and GG- 22 or erect GG- 2, GG- 5, GG- 7 and TG- 26. Undertake sowing under vapsa condition during non-rainy period.
Green gram	Variety selection/ Sowing	Variety selection: Gujarat Mungbean- 4, Gujarat Anand Mungbean- 5. Undertake sowing under vapsa condition during non-rainy period.
Black gram	Variety selection/ Sowing	Variety selection: Gujarat Black gram- 1, Gujarat Black gram- 2, T- 9. Undertake sowing under vapsa condition during non-rainy period.
Pigeon pea	Variety selection/ Sowing	Variety selection: Gujarat Pigeon pea- 1, Gujarat Pigeon pea- 100, Gujarat Pigeon pea- 101, Gujarat Tur 109, Anand Vegetable Pigeon pea- 1, BDN- 2, ICPL- 87. Undertake sowing under vapsa condition during non-rainy period.
Pearl millet	Variety selection/ Sowing	Variety selection: GHB- 538, GHB- 577, GHB- 719, GHB- 732, GHB- 744. Undertake sowing under vapsa condition during

	Sowing	non-rainy period.
Fodder maize	Variety selection/ Sowing	Variety selection: Ganga Safed- 2, Ganga Safed- 5, Gujarat Maize- 1, Gujarat Maize- 2, Gujarat Maize- 3, Gujarat Maize- 4, African tall. Undertake sowing under vapsa condition during non-rainy period.
Fodder sorghum	Variety selection/ Sowing	Variety selection: Gujarat Sorghum- 42, GFS- 1, GFS- 4, GFS- 5, CSV- 21, FS- 1019. Undertake sowing under vapsa condition during non-rainy period.
Fodder bajra	Variety selection/ Sowing	Variety selection: Gujarat fodder bajra- 1. Undertake sowing under vapsa condition during non-rainy period.
Fruit Crop	Stage	Advisory
Chilli	Variety/ Nursery Preparation	Variety selection: GVC- 101, GVC- 111, GVC- 121, Jwala, AVNPC- 131 and Hybrids like Gujarat Anand Hybrid chilli- 1, S- 49. Undertake sowing under vapsa condition during non-rainy period.
Tomato	Variety/ Nursery Preparation	Variety selection: Gujarat Tomato- 6, Gujarat Tomato- 7, Anand Tomato- 3, Gujarat Anand Tomato- 5, Gujarat Anand Tomato- 8, Arka Rakshak. Undertake sowing under vapsa condition during non-rainy period.
Brinjal	Variety/ Nursery Preparation	Variety selection: Gujarat Anand Brinjal- 6 (Anand Dolly), GAOB- 2, GABH- 3. Undertake sowing under vapsa condition during non-rainy period.
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	Due to forecast of heavy 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	Variety selection/ Sowing	Deshi varieties: Gujarat Anand Deshi Cotton- 3, Gujarat Anand Deshi Cotton- 4, Gujarat Cotton- 21, Gujarat Cotton- 23, Gujarat Cotton- 17; Hybrid varieties: Gujarat Hybrid Cotton- 6, Gujarat Hybrid Cotton- 8, Gujarat Hybrid Cotton- 10, Gujarat Hybrid Cotton- 12; BT varieties: GTHH- 49 and

		other govt. certified BT varieties. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Groundnut	Variety selection/ Sowing	Varieties: Semi erects GG- 20 and GG- 22 or erect GG- 2, GG- 5, GG- 7 and TG- 26. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Green gram	Variety selection/ Sowing	Variety selection: Gujarat Mungbean- 4, Gujarat Anand Mungbean- 5. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Black gram	Variety selection/ Sowing	Variety selection: Gujarat Black gram- 1, Gujarat Black gram- 2, T- 9. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Pigeon pea	Variety selection/ Sowing	Variety selection: Gujarat Pigeon pea- 1, Gujarat Pigeon pea- 100, Gujarat Pigeon pea- 101, Gujarat Tur 109, Anand Vegetable Pigeon pea- 1, BDN- 2, ICPL- 87. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Pearl millet	Variety selection/ Sowing	Variety selection: GHB- 538, GHB- 577, GHB- 719, GHB- 732, GHB- 744. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Fodder maize	Variety selection/ Sowing	Variety selection: Ganga Safed- 2, Ganga Safed- 5, Gujarat Maize- 1, Gujarat Maize- 2, Gujarat Maize- 3, Gujarat Maize- 4, African tall. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Fodder sorghum	Variety selection/ Sowing	Variety selection: Gujarat Sorghum- 42, GFS- 1, GFS- 4, GFS- 5, CSV- 21, FS- 1019. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Fodder bajra	Variety selection/ Sowing	Variety selection: Gujarat fodder bajra- 1. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Fruit Crop	Stage	Advisory
Chilli	Variety/ Nursery Preparation	Variety selection: GVC- 101, GVC- 111, GVC- 121, Jwala, AVNPC- 131 and Hybrids like Gujarat Anand Hybrid chilli- 1, S- 49. Postpone sowing due heavy rainfall forecast. Make arrangement to remove excess rain water from the field.
Tomato	Variety/ Nursery Preparation	Variety selection: Gujarat Tomato- 6, Gujarat Tomato- 7, Anand Tomato- 3, Gujarat Anand Tomato- 5, Gujarat Anand Tomato- 8, Arka Rakshak. Postpone sowing due to heavy rainfall forecast. Make arrangement to remove excess rain

		water from the field.
Brinjal	Variety/ Nursery Preparation	Variety selection: Gujarat Anand Brinjal- 6 (Anand Dolly), GAOB- 2, GABH- 3. Postpone sowing due to heavy rainfall forecast. 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.		

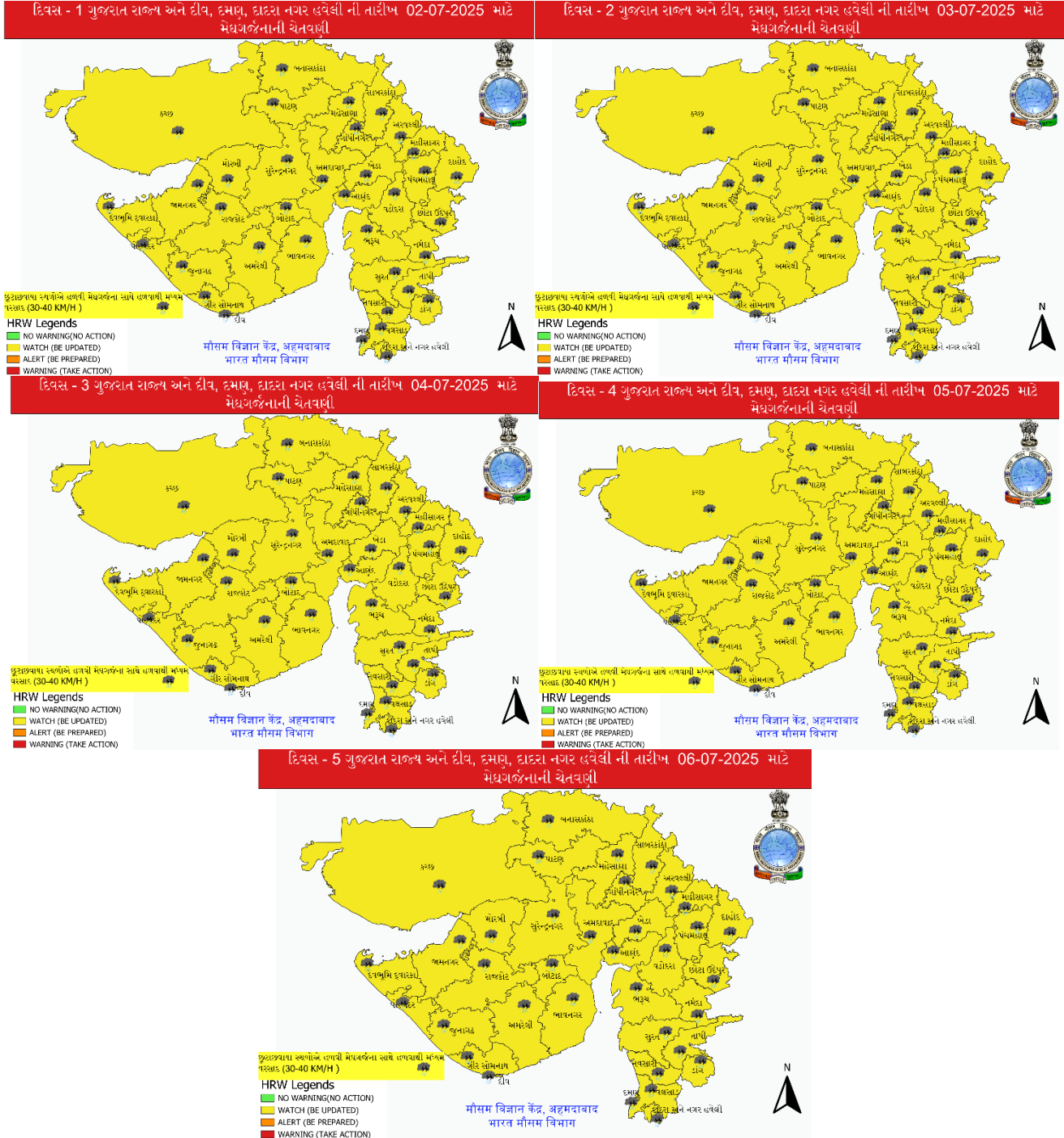
BOTAD

Field Crops	Stage	Advisory
Cotton	Variety selection/ Sowing	Deshi varieties: Gujarat Anand Deshi Cotton- 3, Gujarat Anand Deshi Cotton- 4, Gujarat Cotton- 21, Gujarat Cotton- 23, Gujarat Cotton- 17; Hybrid varieties: Gujarat Hybrid Cotton- 6, Gujarat Hybrid Cotton- 8, Gujarat Hybrid Cotton- 10, Gujarat Hybrid Cotton- 12; BT varieties: GTHH- 49 and other govt. certified BT varieties. Undertake sowing under vapsa condition during non-rainy period.
Groundnut	Variety selection/ Sowing	Varieties: Semi erects GG- 20 and GG- 22 or erect GG- 2, GG- 5, GG- 7 and TG- 26. Undertake sowing under vapsa condition during non-rainy period.
Green gram	Variety selection/ Sowing	Variety selection: Gujarat Mungbean- 4, Gujarat Anand Mungbean- 5. Undertake sowing under vapsa condition during non-rainy period.
Black gram	Variety selection/ Sowing	Variety selection: Gujarat Black gram- 1, Gujarat Black gram- 2, T- 9. Undertake sowing under vapsa condition during non-rainy period.
Pigeon pea	Variety selection/ Sowing	Variety selection: Gujarat Pigeon pea- 1, Gujarat Pigeon pea- 100, Gujarat Pigeon pea- 101, Gujarat Tur 109, Anand Vegetable Pigeon pea- 1, BDN- 2, ICPL- 87. Undertake sowing under vapsa condition during non-rainy period.
Pearl millet	Variety selection/ Sowing	Variety selection: GHB- 538, GHB- 577, GHB- 719, GHB- 732, GHB- 744. Undertake sowing under vapsa condition during non-rainy period.
Fodder maize	Variety selection/ Sowing	Variety selection: Ganga Safed- 2, Ganga Safed- 5, Gujarat Maize- 1, Gujarat Maize- 2, Gujarat Maize- 3, Gujarat Maize- 4, African tall. Undertake sowing under vapsa condition

		during non-rainy period.
Fodder sorghum	Variety selection/ Sowing	Variety selection: Gujarat Sorghum- 42, GFS- 1, GFS- 4, GFS- 5, CSV- 21, FS- 1019. Undertake sowing under vapsa condition during non-rainy period.
Fodder bajra	Variety selection/ Sowing	Variety selection: Gujarat fodder bajra- 1. Undertake sowing under vapsa condition during non-rainy period.
Fruit Crop	Stage	Advisory
Chilli	Variety/ Nursery Preparation	Variety selection: GVC- 101, GVC- 111, GVC- 121, Jwala, AVNPC- 131 and Hybrids like Gujarat Anand Hybrid chilli- 1, S- 49. Undertake sowing under vapsa condition during non-rainy period.
Tomato	Variety/ Nursery Preparation	Variety selection: Gujarat Tomato- 6, Gujarat Tomato- 7, Anand Tomato- 3, Gujarat Anand Tomato- 5, Gujarat Anand Tomato- 8, Arka Rakshak. Undertake sowing under vapsa condition during non-rainy period.
Brinjal	Variety/ Nursery Preparation	Variety selection: Gujarat Anand Brinjal- 6 (Anand Dolly), GAOB- 2, GABH- 3. Undertake sowing under vapsa condition during non-rainy period.
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.		

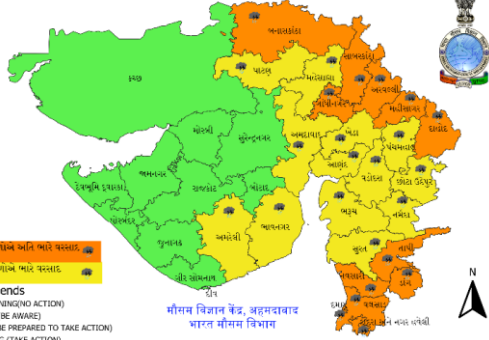
District level weather warning issued by M.C.Ahmedabad

THUNDERSTORM WARNING

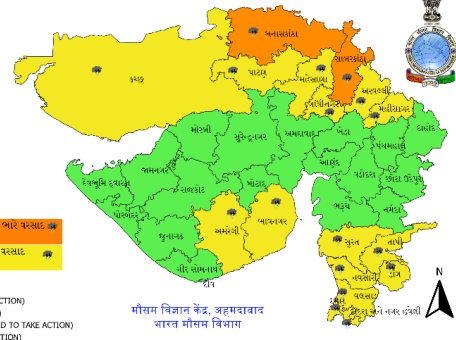


HEAVY RAINFALL WARNING: -

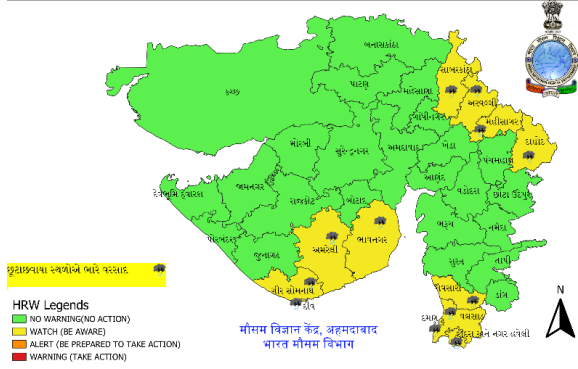
દિવસ - 1 ગુજરાત રાજ્ય અને દીવ, દમણ, દાદરા નગર હવેલી ની 02-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



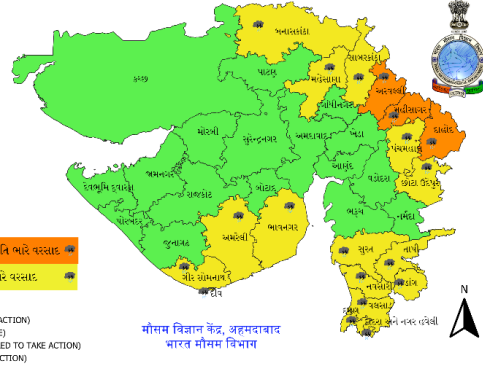
દિવસ - 2 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 03-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



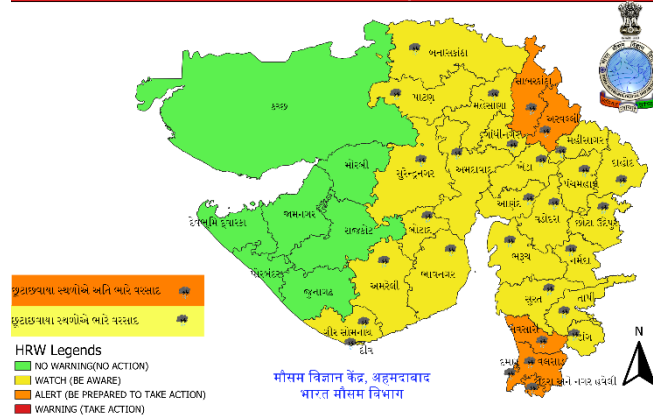
દિવસ - 3 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 04-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



દિવસ - 4 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 05-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'



દિવસ - 5 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલી ની 06-07-2025 માટે
'ભારે વરસાદ ની ચેતવણી'

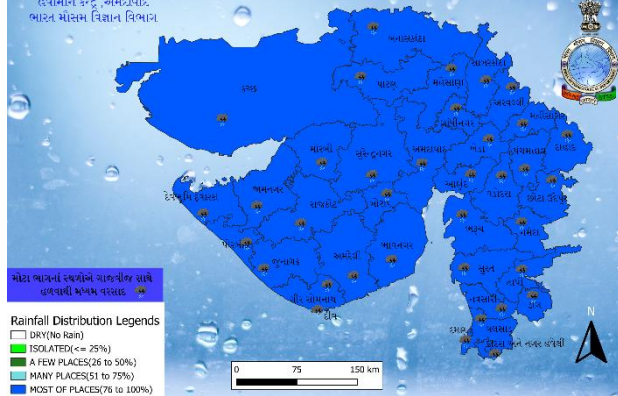


Meteorological Subdivision Level Rainfall Weather Forecast for next 5 days

RAINFALL DISTRIBUTION

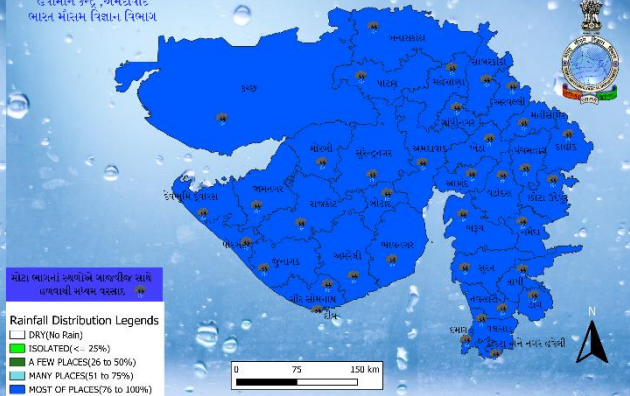
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પૂર્વાનુમાન



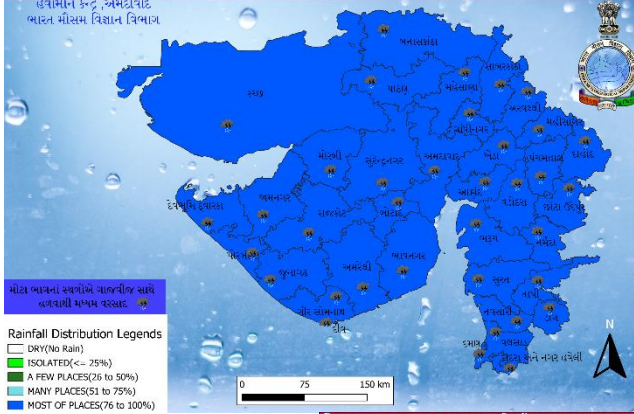
દિવસ - 2 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલીની તારીખ 03-07-2025 માટે વરસાદ નું

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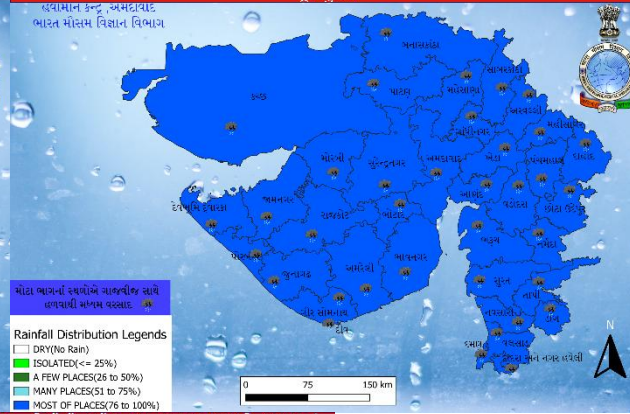
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પૂર્વાનુમાન



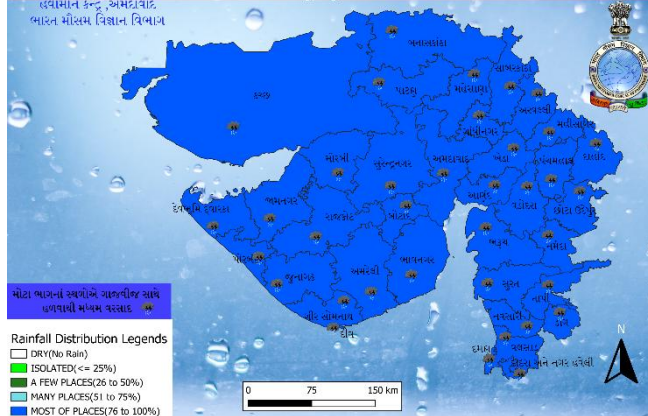
દિવસ - 4 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલીની તારીખ 05-07-2025 માટે વરસાદ નું

પૂર્વાનુમાન



દિવસ - 5 ગુજરાત રાજ્ય અને દીવ, દમણ દાદરા નગર હવેલીની તારીખ 06-07-2025 માટે વરસાદ નું

પૂર્વાનુમાન



District forecast and warning for next five days.

DISTRICT		02 JUL	03 JUL	04 JUL	05 JUL	06 JUL
		DAY-1(Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
BANASKANTHA	Intensity	Very Heavy rains at isolated places with Thunderstorm and lightning very likely	Very Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
PATAN	Intensity	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
MEHSANA	Intensity	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
SABARKANTHA	Intensity	Very Heavy rains at isolated places with Thunderstorm and lightning very likely	Very Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Very Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
GANDHINAGAR	Intensity	Very Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
ARAVALLI	Intensity	Very Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Very Heavy rains at isolated places with Thunderstorm and lightning very likely	Very Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
KHEDA	Intensity	Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
AHMEDABAD	Intensity	Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
ANAND	Intensity	Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					
BARODA	Intensity	Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
	Probability					

[illegible]

[illegible]

DISTRICT		02 JUL	03 JUL	04 JUL	05 JUL	06 JUL
		DAY-1(Today)	DAY-2 (Thu)	DAY-3 (Fri)	DAY-4 (Sat)	DAY-5 (Sun)
DEVBHUMI DWARKA	Intensity Probability	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely
GIR SOMNATH	Intensity Probability	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
BOTAD	Intensity Probability	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely
KUTCH	Intensity Probability	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely
DIU	Intensity Probability	Thunderstorm with lightning and light to moderate rain very likely	Thunderstorm with lightning and light to moderate rain very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely	Heavy rains at isolated places with Thunderstorm and lightning very likely

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



Heavy Rain



Heavy Snow



Thunderstorm



Dust Storm



Strong Winds



Visibility



Cyclone



Squall/ Hail



Frost



Cold Wave



Heat Wave



Sea State