GRAMIN KRISHI MAUSAM SEWA
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Sp-Bulletin No.-03
Date- 17/11/2026

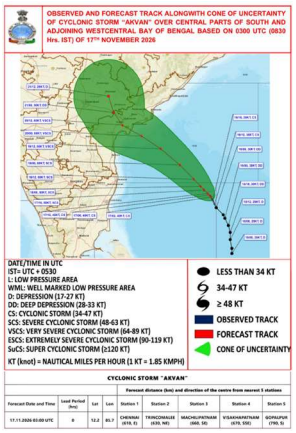
SPECIAL AGROMET-ADVISORY BULLETIN FOR UPCOMING HEAVY RAINFALL CONDITION

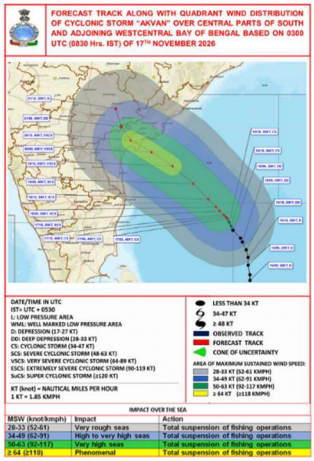
Subject: Cyclonic Storm Akvan (pronounced a Akvan) over central parts of South and adjoining West-central Bay of Bengal**: Pre-Cyclone Watch**

The cyclonic storm "Akvan" [Pronunciation :Akvan]" over central parts of South and adjoining Westcentral Bay of Bengal moved slowly north-northwestwards with the speed of 03 kmph during past 06 hours and lay centered at 0300 UTC of 17th November, 2026 over the same region, near Latitude 12.2°N and Longitude 85.7°E, about 610 km east of Chennai (43279,Tamil Nadu), 630 km northeast of Trincomalee (43418,Sri Lanka), 660 km southeast of Machilipatnam (43185, Andhra Pradesh), 670 km south-southeast of Visakhapatnam (43149, Andhra Pradesh) and 790 km south of Gopalpur (43049,Odisha).

It is very likely to move north-northwestwards and intensify further into a Severe Cyclonic Storm over Westcentral Bay of Bengal around 1200 UTC of today, the 17th November, 2026.Thereafter, it is likely to move northwestwards and intensify further into a very severe cyclonic storm around 0000 UTC of 19th November.

Continuing to move northwestward, it is likely to cross Andhra Pradesh & Yanam coasts between Nellore (43245) and Tuni (43147), around 0600 UTC of 20th November, 2026 as a very severe cyclonic storm with the maximum sustained wind speed of 120-130 kmph gusting to 145 kmph.





Details Forecast and warning as follows:

<u>Rainfall Forecast for Cuttack District:</u>

<u>Day-1(Tuesday):</u> Light to moderate rainfall or Thundershower is likely occur at one or two places of Cuttack district.

<u>Day-2(Wednesday):</u> Light to moderate rainfall and Thundershower accompanied with lightning and wind speed reaching 40-50 kmph is likely occur at a few places of Cuttack district.

<u>Day-3(Thursday):</u> Isolated Heavy rainfall and Thundershower accompanied with lightning and wind speed reaching 50-60 kmph is likely occur at many places of Cuttack district.

<u>Day-4(Friday):</u> Isolated Heavy rainfall and Thundershower accompanied with lightning and wind speed reaching 50-60 kmph is likely occur at many places of Cuttack district.

<u>Day-5(Saturday):</u> Light to moderate rainfall and Thundershower accompanied with lightning and wind speed reaching 40-50 kmph is likely occur at many places of Cuttack district.

DrRanjan Kumar Mohanta
(Nodal officer)

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Impact based Agro-met advisories

District	Crop/vegetables /fruits	Stage	Likely Impact on crop/vegetables/fruits	Agromet-Advisory
Cuttack	**Kharif Rice**	Dough, Maturity	• Lodging due to water logging;  • viviparous germination of seeds 	• Harvest the crop and keep the harvested produce at safer place (If the crop is at 85% of maturity stage). • Drain out excess water in standing rice crop by making alleys (Pahi). • Field drying of harvested paddy should be strictly avoided. Rather the harvested unthreshed crop should be stacked and covered till clear weather.
	Kharif Rice	Reproductive stage	• Water logging situation may lead to different disease and pest infestation • Disease infestation may occur like Sheath blight, bacterial leaf blight, stem rot, blast. • Pest infestation may occur like Gall mildge, BPH, leaf folder, swarming catterpillar	• Drain out excess water in standing rice crop by making alleys (Pahi). • Maintain 5-10 cm water level during reproductive Stage. • Take proper plant protection measure after receding of heavy rainfall. • **Forecasted cloudyand humid weather** favors incidence of **blast disease** in rice to control disease spray Tebuconazole 50%+ Trifloxystrobin 25% @ 0.4g/litre or, Carbendazim 50 WP @ 2g/litre of water. • Due to water logging situation in Cuttack district as well as in the blocks **sheath blight** will be found in early transplanted rice then apply carbendazim 2g/ltr or propiconazzole

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				1ml/ltr of water. In case of **Foot rot**, spray the basal portion of thecrop with 0.4% mancozebor0.2% carbendazimafterdrying theweather. • To control **bacterial leaf blight** spray Plantomycin @ 1 g + Copper oxychloride @ 2 g/litre of water when sky becomes clear. • If **Brown Plant Hopper (BPH) infestation** will observe in rice, go for alternate wetting and drying. Make a gape after 8 to 10 rows for entry of sunlight and air. Whenever the number of hoppers/hill reaches 5-10, spray Pymetrozine 50% WG @ 120 g or Buprofezin 25% SC @ 330 ml or Imidacloprid 17.8% SL @ 50 ml per acre in the base of the plant. Before spraying remove water from the field. • In **Gall midge** affected due to continuous cloudy and rainy weather in late transplanted rice apply Thiamethoxam 25% WG @ 40g/acre or Fipronil 5% SC @ 400ml/acre or Chlorpyriphos 20EC @500ml/acre to manage the pest. • If **swarming caterpillar** observed in field, spray Chloropyriphos 20% EC @ 2.5 ml/litre of water sky

				becomes clear. • There is chance for **leaf folder infestation** due to the prevalence of cloudy weather. If observe in field then spray Chlorantraniliprole 18.5% SC @ 3 ml/10 litre of water
	Sugarcane	Grand growth	• water logging due to heavy rainfall  • Red rot , wilt disease due to high soil moisture  	• Maintain proper drainage in the field. • Avoid irrigation and any kind of chemical spray. • Wrapping and propping should be done. • For **Red rot and wilt disease**, spray the crop with Mancozeb 0.3%or carbendazim 0.1% or Azoxystrobin 18.2%SC/ Difenoconazole 11.45SC @ 1ml per liter water in dry days.
	Maize	Tasseling to silking stage	• Water logging due to heavy rainfall  • Less dry matter/yield • Reduction in plant canopy height • **Stem rot, Banded leaf blight, fall army worm** infestation due to rain	• Drain out excess water from the field. • Do not keep the stagnant water. • Reduce nitrogen application and apply recommended dose of P and K as basal to increase water logging resistance. • To control **fall armyworm** in maize erect 4 pheromone traps /acre and spray 5 ml of 1500ppmneem oil /1 lit water. If more severe incidence observed spray Emamectin benzoate @ 0.5 g / lit of water.

				• Forecasted rainy and humid weather favors infestation of **bandedleaf blight**, to control this spray Validamycin 3.0% SL or Hexaconazole5.0%EC 400ml/200ltr water for one acre. • Standing water promotes **bacterial stalk rot**.To prevent this disease applyCopper oxycloride 50% WP @ 3 g/litre of water.
	Rabi crops (**Pulses :** Green gram, Black gram,**Oilseed crop:** Groundnut and Mustard)	Early Vegetative/ Cont. Sowing	• Seed displacement • poor germination due to water logging	• Postpone sowing of the rabi crops. • Avoid intercultural operations, spraying and fertilization and irrigation activities in rabi crops. • Maintain proper drainage in the field. • Keep the field in vapsa condition.
	Vegetables (**Cauliflower, Broccoli, Cabbage, Red Cabbage**)	Vegetative to Curd develeopment/Vegetative	• Discolouration and splitting ,roting • Seedling damage   	• Harvest the vegetables if heads are ready to use. • Open drain and channels in vegetable fields to facilitate drainage of excess water. • Winter season vegetable seedlings should be covered with low cost poly tunnel.

	Vegetables(**Potato, Onion) , Coriander**	Sowing/Seedling	• Seed displacement • poor germination due to water logging • Seedling damage  	• Arrange for drainage facility and avoid sowing during spells of heavy rainfall. • Keep the field in vapsa condition • Winter season vegetable seedlings should be covered with low cost poly tunnel.
	Vegetables(**Brinjal, Tomato, Cilli)**	Vegetative to harvesting	• Lodging • Fruit damage/Flower drop • wilting 	• Pick matured fruits as soon as earlier and send to market. • Cover the vegetable nursery with white polythene. • Open drain and channels in vegetable fields to facilitate drainage of excess water. • Provide bamboo or wooden stake to prevent lodging of plants.
	Vegetables **(Carrot, raddish)**	Sowing/Seedling	• Seed displacement • poor germination due to water logging • Seedling damage	• Open drain and channels in vegetable fields to facilitate drainage of excess water. • Postpone sowing.
	Vegetables (**Cow pea, Ridgegourd)**	Harvesting	• Lodging • Pod/Fruit damage	• Pick matured pods/fruits as soon as earlier and send to market. • Provide bamboo or wooden stake to prevent lodging of plants.

	Fruits **(Banana, Papaya, Lemon)**	Vegetative to Fruiting	• Lodging • Fruit damage  	• Provide support to young fruit plants like Papaya and Banana. • Open drain and channels in fruit fields to facilitate drainage of excess water. • Pick matured fruits as soon as earlier and send to market.
	Livestocks			• Keep the livestocks indoors during rainfall if possible keep them loose inside the shed. • Keep feed for 3-5 days, in case of any emergency. • Repair the sheds for loose structure and rainfall. • Keep fodder at safe place to avoid spoilage from rainfall.