

Date: November 01, 2025



**Impact Based forecast for Agriculture &
Agro-met Advisory
For the State of Arunachal Pradesh**

01st November 2025

**For the date of
(01st November 2025)
issued by**

Meteorological Centre, Itanagar, Arunachal Pradesh

INDIA METEOROLOGICAL DEPARTMENT

in collaboration with

AMFU, BASAR, ICAR A.P. Centre

<https://mausam.imd.gov.in/itanagar/>

AMFU Basar, ICAR Arunachal Pradesh Centre

Impact-based forecast (IBF) for Agriculture for Anjaw, Arunachal Pradesh (based on the forecast issued on 01-11-2025)

Issued by AMFU, Basar, ICAR A.P. Centre, Arunachal Pradesh

District Level Forecast and warning issued by MC, Itanagar on 01-11-2025

01-11-2025 | Thunderstorms with lightning and Heavy rain are very likely at isolated places.

IBF & Agromet Advisories based on the forecast issued on 01-11-2025

District	Crop	Stage	Likely Impact on crop	Advisory
Anjaw	Finger millet	Harvesting	<ul style="list-style-type: none"> • Damage to mature crops and shedding of grains • Runoff and submergence damage 	<ul style="list-style-type: none"> • Immediately harvest mature crops. • Immediately shift harvested crops to a proper covered shelter • Maintain proper drainage in the field.
	Paddy	Grain filling and maturity	<ul style="list-style-type: none"> • Plant damage or uprooting due to strong water flow and flooding • Submergence leading to poor establishment and delayed growth • Soil nutrient loss and leaching, affecting seedling vigor and recovery 	<ul style="list-style-type: none"> • Ensure proper drainage channels to avoid flooding or submergence of seedlings • Strengthen bunds to prevent field erosion and seedling washout.
	Field pea/mustard	Sowing	<ul style="list-style-type: none"> • Damage to seed and seedlings due to runoff and submergence • Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> • Postpone land preparation and sowing • Covered recently sown area with thin layer of dry grass or straw • Maintain proper drainage in the field.
	Kiwi	Harvesting	<ul style="list-style-type: none"> • Damage to mature crops • Damage to plants due to runoff 	<ul style="list-style-type: none"> • Harvest mature fruits immediately and shift to proper shelter • Ensure proper drainage and field aeration to avoid waterlogging and high humidity • Support weak branches with stakes or tying to prevent breakage from wind
	Vegetables (cabbage, cauliflower, carrot, radish etc)	Sowing and transplanting	<ul style="list-style-type: none"> • Damage to seed and seedlings due to runoff and submergence • Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> • Postpone land preparation and sowing • Covered recently sown area with thin layer of dry grass or straw • Maintain proper drainage in the field.

	Livestock/ Poultry	All stages	<ul style="list-style-type: none"> • Damp and muddy conditions cause hoof infections and respiratory issues • Shelter damage leads to exposure to cold and injury • Flooding contaminates water and feed sources, risking animal health • Thunderstrom and lightening may cause serious injury and death. 	<ul style="list-style-type: none"> • Confine animals/birds in their shelter away from iron poles or machinery. • Keep livestock/poultry in well-drained, elevated shelters • Repair and reinforce shelters before heavy rains • Provide clean, uncontaminated water and dry feed storage. • Keep animals away from big trees or electric poles.
--	-----------------------	------------	---	--

AMFU Basar, ICAR Arunachal Pradesh Centre

Impact-based forecast (IBF) for Agriculture for Lohit, Arunachal Pradesh (based on the forecast issued on 01-11-2025)

Issued by AMFU, Basar, ICAR A.P. Centre, Arunachal Pradesh

District Level Forecast and warning issued by MC, Itanagar on 01-11-2025

01-11-2025 • Thunderstorm with lightening and heavy rain very likely at isolated places

IBF & Agromet Advisories based on the forecast issued on 01-11-2025

District	Crop	Stage	Likely Impact on crop	Advisory
Lohit	Paddy	Grain filling and maturity	<ul style="list-style-type: none"> Submergence leading to poor establishment and delayed growth, Damage due to Runoff 	<ul style="list-style-type: none"> Ensure proper drainage channels to avoid flooding or submergence of seedlings Strengthen bunds to prevent field erosion and seedling washout.
	Jhum paddy	Harvesting	<ul style="list-style-type: none"> Damage due to heavy rain Runoff 	<ul style="list-style-type: none"> Immediately harvest the mature crops and shift to a proper covered shelter Place logs, waste banana plants etc across the slopes to reduce the runoff.
	Millets	Harvesting	<ul style="list-style-type: none"> Damage to mature crops and shedding of grains Runoff and submergence damage 	<ul style="list-style-type: none"> Immediately harvest mature crops. Immediately shift harvested crops to a proper covered shelter Maintain proper drainage in the field.
	Vegetables (cabbage, cauliflower, carrot, radish etc)	Sowing and transplanting	<ul style="list-style-type: none"> Damage to seed and seedlings due to runoff and submergence Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> Postpone land preparation and sowing Covered recently sown area with thin layer of dry grass or straw Maintain proper drainage in the field.
	Livestock/ Poultry	All stages	<ul style="list-style-type: none"> Damp and muddy conditions cause hoof infections and respiratory issues Shelter damage leads to exposure to cold and injury Flooding contaminates water and feed sources, risking animal health Death due to lightening and flood 	<ul style="list-style-type: none"> Keep livestock/poultry in well-drained, elevated shelters Repair and reinforce shelters before heavy rains Provide clean, uncontaminated water and dry feed storage. Keep animals away from metal objects and away from water sources.
	Fishery	All stages	<ul style="list-style-type: none"> Heavy rain may cause overflow of 	<ul style="list-style-type: none"> Strengthen pond embankments and install fine-mesh screens at inlets

			<p>ponds, leading to loss of fish.</p> <ul style="list-style-type: none">• Inflow of muddy or polluted water may reduce oxygen levels and deteriorate water quality.	<p>and outlets to prevent fish escape.</p> <ul style="list-style-type: none">• Ensure emergency aeration methods (like splashing or using aerators) are ready in case of low oxygen levels.
--	--	--	--	---

AMFU Basar, ICAR Arunachal Pradesh Centre

Impact-based forecast (IBF) for Agriculture for Lower Dibang Valley, Arunachal Pradesh (based on the forecast issued on 01-11-2025)

Issued by AMFU, Basar, ICAR A.P. Centre, Arunachal Pradesh

District Level Forecast and warning issued by MC, Itanagar on 01-11-2025

01-11-2025 • Thunderstorm with lightening and heavy rain very likely at isolated places

IBF & Agromet Advisories based on the forecast issued on 01-11-2025

District	Crop	Stage	Likely Impact on crop	Advisory
Lower Dibang Valley	Paddy	Grain filling and maturity	<ul style="list-style-type: none"> Submergence leading to poor establishment and delayed growth, Damage due to Runoff 	<ul style="list-style-type: none"> Ensure proper drainage channels to avoid flooding or submergence of seedlings Strengthen bunds to prevent field erosion and seedling washout.
	Jhum paddy	Harvesting	<ul style="list-style-type: none"> Damage due to heavy rain Runoff 	<ul style="list-style-type: none"> Immediately harvest the mature crops and shift to a proper covered shelter Place logs, waste banana plants etc across the slopes to reduce the runoff.
	Millets	Harvesting	<ul style="list-style-type: none"> Damage to mature crops and shedding of grains Runoff and submergence damage 	<ul style="list-style-type: none"> Immediately harvest mature crops. Immediately shift harvested crops to a proper covered shelter Maintain proper drainage in the field.
	Vegetables (cabbage, cauliflower, carrot, radish etc)	Sowing and transplanting	<ul style="list-style-type: none"> Damage to seed and seedlings due to runoff and submergence Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> Postpone land preparation and sowing Covered recently sown area with thin layer of dry grass or straw Maintain proper drainage in the field.
	Livestock/ Poultry	All stages	<ul style="list-style-type: none"> Damp and muddy conditions cause hoof infections and respiratory issues Shelter damage leads to exposure to cold and injury Flooding contaminates water and feed sources, risking animal health Death due to lightening and flood 	<ul style="list-style-type: none"> Keep livestock/poultry in well-drained, elevated shelters Repair and reinforce shelters before heavy rains Provide clean, uncontaminated water and dry feed storage. Keep animals away from metal objects and away from water sources.
	Fishery	All stages	<ul style="list-style-type: none"> Heavy rain may cause overflow of 	<ul style="list-style-type: none"> Strengthen pond embankments and install fine-mesh screens at inlets

			<p>ponds, leading to loss of fish.</p> <ul style="list-style-type: none">• Inflow of muddy or polluted water may reduce oxygen levels and deteriorate water quality.	<p>and outlets to prevent fish escape.</p> <ul style="list-style-type: none">• Ensure emergency aeration methods (like splashing or using aerators) are ready in case of low oxygen levels.
--	--	--	--	---

AMFU Basar, ICAR Arunachal Pradesh Centre

Impact-based forecast (IBF) for Agriculture for Lower Subansiri, Arunachal Pradesh

(based on the forecast issued on 01-11-2025)

Issued by AMFU, Basar, ICAR A.P. Centre, Arunachal Pradesh

District Level Forecast and warning issued by MC, Itanagar on 01-11-2025

01-11-2025 | Thunderstorms with lightning and Heavy rain are very likely at isolated places.

IBF & Agromet Advisories based on the forecast issued on 01-11-2025

District	Crop	Stage	Likely Impact on crop	Advisory
Lower Subansiri	Finger millet	Harvesting	<ul style="list-style-type: none"> • Damage to mature crops and shedding of grains • Runoff and submergence damage 	<ul style="list-style-type: none"> • Immediately harvest mature crops. • Immediately shift harvested crops to a proper covered shelter • Maintain proper drainage in the field.
	Paddy	Grain filling and maturity	<ul style="list-style-type: none"> • Plant damage or uprooting due to strong water flow and flooding • Submergence leading to poor establishment and delayed growth • Soil nutrient loss and leaching, affecting seedling vigor and recovery 	<ul style="list-style-type: none"> • Ensure proper drainage channels to avoid flooding or submergence of seedlings • Strengthen bunds to prevent field erosion and seedling washout.
	Field pea/ mustard	Sowing	<ul style="list-style-type: none"> • Damage to seed and seedlings due to runoff and submergence • Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> • Postpone land preparation and sowing • Covered recently sown area with thin layer of dry grass or straw • Maintain proper drainage in the field.
	Kiwi	Harvesting	<ul style="list-style-type: none"> • Damage to mature crops • Damage to plants due to runoff 	<ul style="list-style-type: none"> • Harvest mature furits immediately and shift to proper shelter • Ensure proper drainage and field aeration to avoid waterlogging and high humidity • Support weak branches with stakes or tying to prevent breakage from wind
	Vegetables (cabbage, cauliflower, carrot, radish etc)	Sowing and transplanting	<ul style="list-style-type: none"> • Damage to seed and seedlings due to runoff and submergence • Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> • Postpone land preparation and sowing • Covered recently sown area with thin layer of dry grass or straw • Maintain proper drainage in the field.

	Livestock/ Poultry	All stages	<ul style="list-style-type: none"> • Damp and muddy conditions cause hoof infections and respiratory issues • Shelter damage leads to exposure to cold and injury • Flooding contaminates water and feed sources, risking animal health • Thunderstrom and lightening may cause serious injury and death. 	<ul style="list-style-type: none"> • Confine animals/birds in their shelter away from iron poles or machinery. • Keep livestock/poultry in well-drained, elevated shelters • Repair and reinforce shelters before heavy rains • Provide clean, uncontaminated water and dry feed storage. • Keep animals away from big trees or electric poles.
--	-----------------------	------------	---	--

AMFU Basar, ICAR Arunachal Pradesh Centre

**Impact-based forecast (IBF) for Agriculture for Papumpare, Arunachal Pradesh
(based on the forecast issued on 01-11-2025)**

Issued by AMFU, Basar, ICAR A.P. Centre, Arunachal Pradesh

District Level Forecast and warning issued by MC, Itanagar on 01-11-2025

01-11-2025 • Thunderstorm with lightening and heavy rain very likely at isolated places

IBF & Agromet Advisories based on the forecast issued on 01-11-2025

District	Crop	Stage	Likely Impact on crop	Advisory
Papumpare	Paddy	Grain filling and maturity	<ul style="list-style-type: none"> Submergence leading to poor establishment and delayed growth, Damage due to Runoff 	<ul style="list-style-type: none"> Ensure proper drainage channels to avoid flooding or submergence of seedlings Strengthen bunds to prevent field erosion and seedling washout.
	Jhum paddy	Harvesting	<ul style="list-style-type: none"> Damage due to heavy rain Runoff 	<ul style="list-style-type: none"> Immediately harvest the mature crops and shift to a proper covered shelter Place logs, waste banana plants etc across the slopes to reduce the runoff.
	Millets	Harvesting	<ul style="list-style-type: none"> Damage to mature crops and shedding of grains Runoff and submergence damage 	<ul style="list-style-type: none"> Immediately harvest mature crops. Immediately shift harvested crops to a proper covered shelter Maintain proper drainage in the field.
	Vegetables (cabbage, cauliflower, carrot, radish etc)	Sowing and transplanting	<ul style="list-style-type: none"> Damage to seed and seedlings due to runoff and submergence Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> Postpone land preparation and sowing Covered recently sown area with thin layer of dry grass or straw Maintain proper drainage in the field.
	Livestock/ Poultry	All stages	<ul style="list-style-type: none"> Damp and muddy conditions cause hoof infections and respiratory issues Shelter damage leads to exposure to cold and injury Flooding contaminates water and feed sources, risking animal health Death due to lightening and flood 	<ul style="list-style-type: none"> Keep livestock/poultry in well-drained, elevated shelters Repair and reinforce shelters before heavy rains Provide clean, uncontaminated water and dry feed storage. Keep animals away from metal objects and away from water sources.
	Fishery	All stages	<ul style="list-style-type: none"> Heavy rain may cause overflow of 	<ul style="list-style-type: none"> Strengthen pond embankments and install fine-mesh screens at inlets

			<p>ponds, leading to loss of fish.</p> <ul style="list-style-type: none">• Inflow of muddy or polluted water may reduce oxygen levels and deteriorate water quality.	<p>and outlets to prevent fish escape.</p> <ul style="list-style-type: none">• Ensure emergency aeration methods (like splashing or using aerators) are ready in case of low oxygen levels.
--	--	--	--	---

AMFU Basar, ICAR Arunachal Pradesh Centre

Impact-based forecast (IBF) for Agriculture for Upper Dibang Valley, Arunachal Pradesh (based on the forecast issued on 01-11-2025)

Issued by AMFU, Basar, ICAR A.P. Centre, Arunachal Pradesh

District Level Forecast and warning issued by MC, Itanagar on 01-11-2025

01-11-2025 | Thunderstorms with lightning and Heavy rain are very likely at isolated places.

IBF & Agromet Advisories based on the forecast issued on 01-11-2025

District	Crop	Stage	Likely Impact on crop	Advisory
Upper Dibang Valley	Finger millet	Harvesting	<ul style="list-style-type: none"> • Damage to mature crops and shedding of grains • Runoff and submergence damage 	<ul style="list-style-type: none"> • Immediately harvest mature crops. • Immediately shift harvested crops to a proper covered shelter • Maintain proper drainage in the field.
	Paddy	Grain filling and maturity	<ul style="list-style-type: none"> • Plant damage or uprooting due to strong water flow and flooding • Submergence leading to poor establishment and delayed growth • Soil nutrient loss and leaching, affecting seedling vigor and recovery 	<ul style="list-style-type: none"> • Ensure proper drainage channels to avoid flooding or submergence of seedlings • Strengthen bunds to prevent field erosion and seedling washout.
	Field pea/mustard	Sowing	<ul style="list-style-type: none"> • Damage to seed and seedlings due to runoff and submergence • Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> • Postpone land preparation and sowing • Covered recently sown area with thin layer of dry grass or straw • Maintain proper drainage in the field.
	Kiwi	Harvesting	<ul style="list-style-type: none"> • Damage to mature crops • Damage to plants due to runoff 	<ul style="list-style-type: none"> • Harvest mature fruits immediately and shift to proper shelter • Ensure proper drainage and field aeration to avoid waterlogging and high humidity • Support weak branches with stakes or tying to prevent breakage from wind
	Vegetables (cabbage, cauliflower, carrot, radish etc)	Sowing and transplanting	<ul style="list-style-type: none"> • Damage to seed and seedlings due to runoff and submergence • Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> • Postpone land preparation and sowing • Covered recently sown area with thin layer of dry grass or straw • Maintain proper drainage in the field.

	Livestock/ Poultry	All stages	<ul style="list-style-type: none"> • Damp and muddy conditions cause hoof infections and respiratory issues • Shelter damage leads to exposure to cold and injury • Flooding contaminates water and feed sources, risking animal health • Thunderstrom and lightening may cause serious injury and death. 	<ul style="list-style-type: none"> • Confine animals/birds in their shelter away from iron poles or machinery. • Keep livestock/poultry in well-drained, elevated shelters • Repair and reinforce shelters before heavy rains • Provide clean, uncontaminated water and dry feed storage. • Keep animals away from big trees or electric poles.
--	-----------------------	------------	---	--

AMFU Basar, ICAR Arunachal Pradesh Centre

Impact-based forecast (IBF) for Agriculture for Upper Siang, Arunachal Pradesh

(based on the forecast issued on 01-11-2025)

Issued by AMFU, Basar, ICAR A.P. Centre, Arunachal Pradesh

District Level Forecast and warning issued by MC, Itanagar on 01-11-2025

01-11-2025 | Thunderstorms with lightning and Heavy rain are very likely at isolated places.

IBF & Agromet Advisories based on the forecast issued on 01-11-2025

District	Crop	Stage	Likely Impact on crop	Advisory
Upper Siang	Finger millet	Harvesting	<ul style="list-style-type: none"> • Damage to mature crops and shedding of grains • Runoff and submergence damage 	<ul style="list-style-type: none"> • Immediately harvest mature crops. • Immediately shift harvested crops to a proper covered shelter • Maintain proper drainage in the field.
	Paddy	Grain filling and maturity	<ul style="list-style-type: none"> • Plant damage or uprooting due to strong water flow and flooding • Submergence leading to poor establishment and delayed growth • Soil nutrient loss and leaching, affecting seedling vigor and recovery 	<ul style="list-style-type: none"> • Ensure proper drainage channels to avoid flooding or submergence of seedlings • Strengthen bunds to prevent field erosion and seedling washout.
	Field pea/mustard	Sowing	<ul style="list-style-type: none"> • Damage to seed and seedlings due to runoff and submergence • Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> • Postpone land preparation and sowing • Covered recently sown area with thin layer of dry grass or straw • Maintain proper drainage in the field.
	Kiwi	Harvesting	<ul style="list-style-type: none"> • Damage to mature crops • Damage to plants due to runoff 	<ul style="list-style-type: none"> • Harvest mature fruits immediately and shift to proper shelter • Ensure proper drainage and field aeration to avoid waterlogging and high humidity • Support weak branches with stakes or tying to prevent breakage from wind
	Vegetables (cabbage, cauliflower, carrot, radish etc)	Sowing and transplanting	<ul style="list-style-type: none"> • Damage to seed and seedlings due to runoff and submergence • Exposure of seeds due to impact of heavy rain 	<ul style="list-style-type: none"> • Postpone land preparation and sowing • Covered recently sown area with thin layer of dry grass or straw • Maintain proper drainage in the field.

	Livestock/ Poultry	All stages	<ul style="list-style-type: none"> • Damp and muddy conditions cause hoof infections and respiratory issues • Shelter damage leads to exposure to cold and injury • Flooding contaminates water and feed sources, risking animal health • Thunderstrom and lightening may cause serious injury and death. 	<ul style="list-style-type: none"> • Confine animals/birds in their shelter away from iron poles or machinery. • Keep livestock/poultry in well-drained, elevated shelters • Repair and reinforce shelters before heavy rains • Provide clean, uncontaminated water and dry feed storage. • Keep animals away from big trees or electric poles.
--	-----------------------	------------	---	--