



DISTRICT AGROMET UNIT (DAMU)

KVK KIPHIRE

ICAR RESEARCH COMPLEX FOR NEH REGION
LONGTROKTOK, KIPHIRE - 798611, NAGALAND

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Date	Warning
30 May 2025	Thunderstorm with lightening with squally wind 40-50 mph and very heavy to extremely rain likely at isolated places.
District level forecast and warning issued by RMC, Guwahati on 29 May 2025	
IMPACT BASED FORECAST (IBF) AND AGROMET ADVISORIES	

District	Crop	Growth Stage	Likely impact on crop	Weather based Agro-Advisories
Kiphire	Maize	Vegetative	Plant may suffer lodging and poor growth due to continuous rainfall.	<ul style="list-style-type: none"> • Drainage should be made in and around the field. • Resowing according to the severity and damage of the plants. • Avoid any spray of insecticide and pesticide
	Pumpkin	Germination	Rotting of plants, can damage leaves and stems and other vegetative part of the plants	<ul style="list-style-type: none"> • Proper drainage should be made in and around the field. Staking should be provided for support of plants. • Avoid any spray of insecticide and pesticide
	Chilli	Transplanting	Damping off	<ul style="list-style-type: none"> • Avoid working with plants when soil is wet and avoid overcrowding of plants, resowing should be done in accordance to the severity occurred • Avoid any spray of insecticide and pesticide
	Livestock	Various		<ul style="list-style-type: none"> • All animal shed should be well roofed and proper arrangements should be made for the safety of the livestock. • Rugged sack/dry hays can be kept at the side of the sty where there is no chances of raindrops to keep the animals warm, incase the temperature drops.

General

- * Avoid being outdoor during this period as there maybe occurrence of tree fall, landslide, mudslides.
 - * Avoid being around the water areas, such as fishing or any activities around the vicinity.
 - * There are very likely chances of lightening occurrence hence should stay indoors.
 - * Avoid travelling during this period.
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Impact Based Forecast Bulletin
ICAR RESEARCH COMPLEX FOR NEH REGION
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(Prepared based on District wise Weather Forecast received from RMC, Guwahati)

Impact Based Forecast Bulletin			Issuing Date: 29th May 2025	
WEATHER WARNING:	Watch (Be Updated)			
	**The warning for any day is valid from 0830 hours IST of the day till 0830 hrs IST of the next day			
29.05.2025 (Be updated)	Thunderstorm/lightning very likely at isolated places of Mokokchung, Longleng, Wokha Thunderstorm/lightning and heavy rain very likely at isolated places of Peren, Dimapur, Zunheboto.			
29.05.2025 (Be prepared)	Thunderstorm/lightning and strong surface wind, heavy to very heavy rainfall very likely at isolated places of Kohima, Kiphire, Mon, Tuensang and Phek.			
30.05.2025	Thunderstorm/lightning and strong surface wind, heavy rainfall very likely at isolated places of Peren, Dimapur, Zunheboto Thunderstorm with lightning very likely at isolated places of Wokha, Mokokchung, Longleng			
30.05.2025	Thunderstorm/lightning and strong surface wind, heavy to very heavy rainfall very likely at isolated places of Kohima and Mon			
30.05.2025 (Take Action)	Thunderstorm/lightning and strong surface wind, very heavy to extremely rainfall very likely at isolated places of Phek, Kiphire and Tuensang.			
31.05.2025	Thunderstorm/lightning very likely at isolated places of Peren, Dimapur, Phek, Wokha, Kiphire, Tuensang. Thunderstorm/lightning and heavy rain very likely at isolated places of Kohima,			
31.05.2025 (Be prepared)	Thunderstorm/lightning and strong surface wind, very heavy rainfall very likely at isolated places Zunheboto, Mokokchung, Longleng, Mon.			
01.06.2025	HEAVY RAIN very likely at isolated places of Kohima, Kiphire and Tuensang.			
02.06.2025	HEAVY RAIN very likely at isolated places of Kiphire and Tuensang.			
General advisory	<p>For those districts which are in RED and ORANGE Alert, action should be taken.</p> <ol style="list-style-type: none"> 1. Avoid going in areas that face water logging problem/ landslides etc. 2. Make sure that proper runoff management strategies have been maintained in the field in the slopes to avoid landslide and soil loss. 3. Immediately Make drainage channels in the field where ever water is stagnant. 4. In low lying areas do raised the beds. 5. Ensure proper drainage to minimize standing water and to prevent suffocation of the plant roots. Create channels or ditches to direct excess water away from the fields. 6. Those crops which have been harvested keep it at a safe place protected from rain. 7. Postpone sowing or spraying or application of fertilizers the coming five days. 8. Apply a layer of organic mulch (like dried leaves or straw) around the base of the plants to prevent soil erosion. 			
District	Crop	Stage	Likely Impact on Crop/livestock	Advisory
Kohima, Tuensang,	Jhum Paddy	Tillering to maximum tillering	Soil erosion. Possibility of	o Ensure proper runoff management strategies in the

Kiphire, Phek, Mon			blast disease, Washed off or landslide	<p>slopes.</p> <ul style="list-style-type: none"> ○ Keep surrounding area free from weeds and maintain proper sanitation. ○ Diseased plants should be uprooted and burn them away from the field.
Kohima, Tuensang, Kiphire, Phek, Mon	Maize in Jhum field	Physiological maturity.	Lodging	<ul style="list-style-type: none"> ○ Earthing up should be carried out at the earliest. ○ Proper drainage channel should be made so that water would not pass through the field.
Dimapur and Peren	Lowland Paddy	Nursery preparation		<ul style="list-style-type: none"> ○ Nursery preparation should be started.
Orchard			Stagnation of water in the field may increase fungal diseases.	<ul style="list-style-type: none"> ○ Arrange for drainage facility. ○ Do not allow the water to remain stagnant at the base of the plant. ○ Ensure good air circulation and sunlight penetration. ○ Remove and destroy any affected plant parts. ○ Propping should be done to prevent plant from lodging.
Piggery				<ul style="list-style-type: none"> ○ The roof of the pig sty should be sturdy and any leakage of water should be prevented. Piglets should be kept warm during heavy rains. ○ Artificial walls using net should be provided to protect the pigs from heavy rains and winds
Fishery				<ul style="list-style-type: none"> ○ To prevent escaping of fish, nylon net fencing may be erected along the periphery of the pond.
Poultry				<ul style="list-style-type: none"> ○ Ensure that coops and housing structures are well ventilated but protected from direct water entry. Install proper roofing and drainage systems and wall covers to prevent leaks. Immediately repair any leaky roof. ○ Keep feed storage areas dry and elevated above the ground to prevent mould growth
Other advisory	Remove dead or rotting trees and branches that could fall and cause injury or damage during a severe thunderstorm. Postpone outdoor activities. Where ever possible apply protective covers in the crop.			