



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

on

**27<sup>th</sup> July 2023**

For the period

**(27<sup>th</sup> July 2023 to 30<sup>th</sup> July 2023)**

issued by

**Meteorological Centre Itanagar, ARUNACHAL PRADESH**

**INDIA METEOROLOGICAL DEPARTMENT**

in collaboration with

**ICAR Research Complex for NEH Region  
Gramin Krishi Mausam Sewa, Basar**

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



**Date**

**WARNING**

**27-07-2023**

**Thunderstorm with lightning and heavy rain very likely at isolated places**

**Warning issued by RMC, Guwahati on 26-07-2023**

**Impact based forecast (IBF) & Agromet Advisories**

**General Advisory**

1. In view of forecast of thunderstorm accompanied with lightening winds, provide mechanical support to orchards, staking in vegetables.
2. If farmers are in the field and can't find any shelter, avoid the tallest object in the area. If only isolated trees are nearby, best protection is to crouch in the open.
3. Keep animals away from open water, pond or river.
4. Keep animals away from tractors and other metal farm equipment.
5. Drain out excess water from standing crops.
6. Cover the harvested produce (if in the field) with polythene sheet.

**District**

**Crop**

**Stage**

**Likely Impact on crop**

**Advisory**

<b>West Kameng, East Kameng, Kra Daadi, Lower Subansiri, West Siang, Upper Subansiri, Anjaw</b>	WRC Paddy	Transplantation and knee height stage	Damage due to flood and runoff	<ul style="list-style-type: none"> <li>• Maintain proper drainage in the field to immediately drain out excess water from the field,</li> <li>• Close all the inlets into the field to avoid flood,</li> <li>• Maintain the bunds and repair all the damage bunds,</li> </ul>
	Vegetables	Fruiting and harvesting stage	Damage to mature crops due to heavy rain and flood	<ul style="list-style-type: none"> <li>• Maintain proper drainage in the field to avoid flood and runoff,</li> <li>• Provide support to the plants,</li> <li>• Avoid fresh sowing,</li> <li>• Harvest the matured crops immediately on getting heavy rainfall forecast and keep the harvested produce in safe place.</li> <li>• Ensure proper runoff management in the slopes,</li> <li>• Use of fertilizers and insecticides must be strictly avoided.</li> </ul>
	Fruits	All stages	Damage due to flood, runoff and landslide	<ul style="list-style-type: none"> <li>• Maintain proper drainage in the field to avoid water stagnation,</li> <li>• Maintain half-moon basins around the fruit trees in the slopes,</li> <li>• Ensure proper runoff management in the slopes,</li> <li>• Provide proper support to fruit bearing trees especially to banana tree.</li> <li>• Immediately harvest nearly mature fruits like banana, jackfruit, pineapple etc.</li> </ul>
	Jhum paddy	Vegetative stage	Damage due to runoff and landslide	<ul style="list-style-type: none"> <li>• Make proper arrangement for runoff management in the slopes by putting obstacles across the slopes,</li> <li>• Avoid working in the field in case of heavy rain,</li> </ul>
	Livestock/ Poultry	All stage		<ul style="list-style-type: none"> <li>• Keep livestock/poultry confine in their sheds/shelters,</li> <li>• Ensure that the shelter is in safe place away from water bodies,</li> <li>• Maintain proper drainage around the livestock/poultry sheds,</li> <li>• Provide extra bedding materials to the animals/birds</li> <li>• Keep foddors/feeds in proper dry places well above the ground to avoid getting wet,</li> </ul>



**Date**

**WARNING**

**28-07-2023**

**Heavy to very heavy rain very likely at isolated places**

Warning issued by RMC, Guwahati on 26-07-2023

**Impact based forecast (IBF) & Agromet Advisories**

<b>General Advisory</b>	<ol style="list-style-type: none"> <li>Maintain proper drainage in the field and around the livestock/poultry sheds,</li> <li>Keep cattle/animals untied to ensure their safety in case of flood,</li> <li>Eat freshly cooked or dry food. Keep your food covered and drink boiled/chlorinated water.</li> <li>Don't leave the harvested produce in the open field.</li> </ol>			
<b>District</b>	<b>Crop</b>	<b>Stage</b>	<b>Likely Impact on crop</b>	<b>Advisory</b>
<b>West Kameng, East Kameng, Kurung Kumey, Kra Daadi, Kamle, Lower Subansiri, Papumpare, West Siang, Upper Subansiri, Lower Siang, Upper Siang, East Siang, Anjaw, Tirap</b>	WRC Paddy	Transplantation and knee height stage	Damage due to flood and runoff	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to immediately drain out excess water from the field,</li> <li>Close all the inlets into the field to avoid flood,</li> <li>Maintain the bunds and repair all the damage bunds,</li> </ul>
	Vegetables	Fruiting and harvesting stage	Damage to mature crops due to heavy rain and flood	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to avoid flood and runoff,</li> <li>Provide support to the plants,</li> <li>Avoid fresh sowing,</li> <li>Harvest the matured crops immediately on getting heavy rainfall forecast and keep the harvested produce in safe place.</li> <li>Ensure proper runoff management in the slopes,</li> <li>Use of fertilizers and insecticides must be strictly avoided.</li> </ul>
	Fruits	All stages	Damage due to flood, runoff and landslide	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to avoid water stagnation,</li> <li>Maintain half-moon basins around the fruit trees in the slopes,</li> <li>Ensure proper runoff management in the slopes,</li> <li>Provide proper support to fruit bearing trees especially to banana tree.</li> <li>Immediately harvest nearly mature fruits like banana, jackfruit, pineapple etc.</li> </ul>
	Jhum paddy	Vegetative stage	Damage due to runoff and landslide	<ul style="list-style-type: none"> <li>Make proper arrangement for runoff management in the slopes by putting obstacles across the slopes,</li> <li>Avoid working in the field in case of heavy rain,</li> </ul>
	Livestock/ Poultry	All stage		<ul style="list-style-type: none"> <li>Keep livestock/poultry confine in their sheds/shelters,</li> <li>Ensure that the shelter is in safe place away from water bodies,</li> <li>Maintain proper drainage around the livestock/poultry sheds,</li> <li>Provide extra bedding materials to the animals/birds</li> <li>Keep foddors/feeds in proper dry places well above the ground to avoid getting wet,</li> </ul>



**Date**

**WARNING**

**29-07-2023**

**Heavy to very heavy rain very likely at isolated places**

Warning issued by RMC, Guwahati on 26-07-2023

**Impact based forecast (IBF) & Agromet Advisories**

<b>General Advisory</b>	<ol style="list-style-type: none"> <li>Maintain proper drainage in the field and around the livestock/poultry sheds,</li> <li>Keep cattle/animals untied to ensure their safety in case of flood,</li> <li>Eat freshly cooked or dry food. Keep your food covered and drink boiled/chlorinated water.</li> <li>Don't leave the harvested produce in the open field.</li> </ol>			
<b>District</b>	<b>Crop</b>	<b>Stage</b>	<b>Likely Impact on crop</b>	<b>Advisory</b>
<b>West Kameng, East Kameng, Kra Daadi, Kamle, Lower Subansiri, Lower Dibang Valley, Anjaw, Tirap</b>	WRC Paddy	Transplantation and knee height stage	Damage due to flood and runoff	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to immediately drain out excess water from the field,</li> <li>Close all the inlets into the field to avoid flood,</li> <li>Maintain the bunds and repair all the damage bunds,</li> </ul>
	Vegetables	Fruiting and harvesting stage	Damage to mature crops due to heavy rain and flood	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to avoid flood and runoff,</li> <li>Provide support to the plants,</li> <li>Avoid fresh sowing,</li> <li>Harvest the matured crops immediately on getting heavy rainfall forecast and keep the harvested produce in safe place.</li> <li>Ensure proper runoff management in the slopes,</li> <li>Use of fertilizers and insecticides must be strictly avoided.</li> </ul>
	Fruits	All stages	Damage due to flood, runoff and landslide	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to avoid water stagnation,</li> <li>Maintain half-moon basins around the fruit trees in the slopes,</li> <li>Ensure proper runoff management in the slopes,</li> <li>Provide proper support to fruit bearing trees especially to banana tree.</li> <li>Immediately harvest nearly mature fruits like banana, jackfruit, pineapple etc.</li> </ul>
	Jhum paddy	Vegetative stage	Damage due to runoff and landslide	<ul style="list-style-type: none"> <li>Make proper arrangement for runoff management in the slopes by putting obstacles across the slopes,</li> <li>Avoid working in the field in case of heavy rain,</li> </ul>
	Livestock/ Poultry	All stage		<ul style="list-style-type: none"> <li>Keep livestock/poultry confine in their sheds/shelters,</li> <li>Ensure that the shelter is in safe place away from water bodies,</li> <li>Maintain proper drainage around the livestock/poultry sheds,</li> <li>Provide extra bedding materials to the animals/birds</li> <li>Keep foddors/feeds in proper dry places well above the ground to avoid getting wet,</li> </ul>



**Date**

**WARNING**

**30-07-2023**

**Heavy to very heavy rain very likely at isolated places**

Warning issued by RMC, Guwahati on 26-07-2023

**Impact based forecast (IBF) & Agromet Advisories**

<b>General Advisory</b>	<ol style="list-style-type: none"> <li>Maintain proper drainage in the field and around the livestock/poultry sheds,</li> <li>Keep cattle/animals untied to ensure their safety in case of flood,</li> <li>Eat freshly cooked or dry food. Keep your food covered and drink boiled/chlorinated water.</li> <li>Don't leave the harvested produce in the open field.</li> </ol>			
<b>District</b>	<b>Crop</b>	<b>Stage</b>	<b>Likely Impact on crop</b>	<b>Advisory</b>
<b>Kurung Kumey, Kra Daadi, Lower Subansiri, Namsai, Changlang, Tirap, Longding</b>	WRC Paddy	Transplantation and knee height stage	Damage due to flood and runoff	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to immediately drain out excess water from the field,</li> <li>Close all the inlets into the field to avoid flood,</li> <li>Maintain the bunds and repair all the damage bunds,</li> </ul>
	Vegetables	Fruiting and harvesting stage	Damage to mature crops due to heavy rain and flood	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to avoid flood and runoff,</li> <li>Provide support to the plants,</li> <li>Avoid fresh sowing,</li> <li>Harvest the matured crops immediately on getting heavy rainfall forecast and keep the harvested produce in safe place.</li> <li>Ensure proper runoff management in the slopes,</li> <li>Use of fertilizers and insecticides must be strictly avoided.</li> </ul>
	Fruits	All stages	Damage due to flood, runoff and landslide	<ul style="list-style-type: none"> <li>Maintain proper drainage in the field to avoid water stagnation,</li> <li>Maintain half-moon basins around the fruit trees in the slopes,</li> <li>Ensure proper runoff management in the slopes,</li> <li>Provide proper support to fruit bearing trees especially to banana tree.</li> <li>Immediately harvest nearly mature fruits like banana, jackfruit, pineapple etc.</li> </ul>
	Jhum paddy	Vegetative stage	Damage due to runoff and landslide	<ul style="list-style-type: none"> <li>Make proper arrangement for runoff management in the slopes by putting obstacles across the slopes,</li> <li>Avoid working in the field in case of heavy rain,</li> </ul>
	Livestock/ Poultry	All stage		<ul style="list-style-type: none"> <li>Keep livestock/poultry confine in their sheds/shelters,</li> <li>Ensure that the shelter is in safe place away from water bodies,</li> <li>Maintain proper drainage around the livestock/poultry sheds,</li> <li>Provide extra bedding materials to the animals/birds</li> <li>Keep foddors/feeds in proper dry places well above the ground to avoid getting wet,</li> </ul>