



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका  
**District Level Agro-met Advisory Bulletin**  
**Arunachal Pradesh**



(Period: 19<sup>th</sup> to 23<sup>rd</sup> September, 2018)

No: AMFU-Basar/2018/75

Dated: Tue, 18<sup>th</sup> September, 2018



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: EAST SIANG**

{Pasighat: Latitude: 28.0700/Longitude: 95.3300/Altitude: 153 masl}

Weather summary of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall: 33.9 mm; T. Max: 34.0°C; T. Min: 22.0°C ; RH: 67-98%	<b>Mostly/partly cloudy with possibility of moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 34-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 83-92% and 41-50% respectively. Wind direction is mainly variable with average wind speed range of 3-7 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
<i>Jhum</i> field	Harvesting		<ul style="list-style-type: none"><li>❖ Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>❖ Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</li><li>❖ To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>❖ Do not disturb the soil structure by spading/hoeing in the field.</li><li>❖ Hand weeding with care is recommended.</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>❖ Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>❖ Provide shed to protect from excessive rainfall</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>❖ Undertake necessary tillage operation if there is no rain.</li><li>❖ Remove weeds from the tree basin and prepare ring around the tree.</li><li>❖ Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with streptocycline 6 gms in 60 liters of water to control canker</li><li>❖ Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		<ul style="list-style-type: none"><li>❖ Deworming for gastrointestinal parasite</li></ul>
Fishery			<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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**ADVISORY FOR DISTRICT: KURUNG KUMEY**

{Koloriang: Latitude: 27.9167°/Longitude: 93.3500°/Altitude: 1040 masl}

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall (Koloriang): 7.0 mm	<b>Mostly/partly cloudy with possibility moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 16-17°C respectively. Expected morning and evening relative humidity will be 95-99% and 45-63% respectively. Wind direction is mainly variable with average wind speed range of 2-5 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none"><li>• Monitor crop against attack of gundhi bug,</li><li>• Weeding is advised to ward off the alternate host of gundhi bug</li><li>• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.</li><li>• <b>Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper &amp; leaf folder using sticker</b></li></ul>
<i>Jhum</i> field	Harvesting		<ul style="list-style-type: none"><li>• Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>• <b>Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</b></li><li>• <b>To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</b></li></ul>
<b>VEGETABLES</b>			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	<ul style="list-style-type: none"><li>• On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids,</li><li>• On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass,</li><li>• Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li><li>• Remove diseased part &amp; keep inflorescence clean.</li><li>• Uproot &amp; burn virus infected plants</li></ul>
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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**ADVISORY FOR DISTRICT: LOHIT**

Weather summary of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall: 2.6 mm (Tezu)	Mostly/partly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 33-35°C and 23-24°C respectively. Expected morning and evening relative humidity will be 77-89% and 43-50% respectively. Wind direction is mainly NE & ENE average wind speed range of 5-8 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>❖ Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</li><li>❖ To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>❖ Do not disturb the soil structure by spading/hoeing in the field.</li><li>❖ Hand weeding with care is recommended.</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>❖ Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>❖ Provide shed to protect from excessive rainfall</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>❖ Undertake necessary tillage operation if there is no rain.</li><li>❖ Remove weeds from the tree basin and prepare ring around the tree.</li><li>❖ Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with streptocycline 6 gms in 60 liters of water to control canker</li><li>❖ Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Fishery			<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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**ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY**

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall (Roing): 190.9 mm	<b>Mostly/partly cloudy with possibility of moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 33-34°C and 23-24°C respectively. Expected morning and evening relative humidity will be 84-93% and 46-57% respectively. Wind direction is mainly variable with average wind speed range of 3-8 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
<i>Jhum</i> field	Harvesting		<ul style="list-style-type: none"><li>❖ Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>❖ Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</li><li>❖ To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>❖ Do not disturb the soil structure by spading/hoeing in the field.</li><li>❖ Hand weeding with care is recommended.</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>❖ Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>❖ Provide shed to protect from excessive rainfall</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>❖ Undertake necessary tillage operation if there is no rain.</li><li>❖ Remove weeds from the tree basin and prepare ring around the tree.</li><li>❖ Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker</li><li>❖ Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		<ul style="list-style-type: none"><li>❖ Deworming for gastrointestinal parasite</li></ul>
Fishery			<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>

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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: LOWER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
NA	<b>Partly/mostly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 33-35°C and 23-24°C respectively. Expected morning and evening relative humidity will be 89-95% and 47-59% respectively. Wind direction is mainly NW & WNW with average wind speed range of 3-7 kmph.
<b>Warning:</b>	•

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>• Suspend all spray operations</li><li>• Do not go for fertilizer/manure applications</li><li>• Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none"><li>• Monitor crop against attack of gundhi bug,</li><li>• Weeding is advised to ward off the alternate host of gundhi bug</li><li>• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.</li><li>• <b>Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper &amp; leaf folder using sticker</b></li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>• Harvesting of early Jhum rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>• <b>Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</b></li><li>• <b>To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</b></li></ul>
<b>VEGETABLES</b>			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	<ul style="list-style-type: none"><li>• On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids,</li><li>• On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass,</li><li>• Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li><li>• Remove diseased part &amp; keep inflorescence clean.</li><li>• Uproot &amp; burn virus infected plants</li></ul>
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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**ADVISORY FOR DISTRICT: PAPUM PARE**

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall: 16.1 mm; T. Max: 36.0°C; T. Min: 22.0°C ; RH: 71-93%	<b>Partly/Mostly cloudy with possibility of moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 34-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 86-94% and 54-64% respectively. Wind direction is mainly SE & SSE with average wind speed range of 3-7 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
<i>Jhum</i> field	Harvesting		<ul style="list-style-type: none"><li>❖ Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>❖ Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</li><li>❖ To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>❖ Do not disturb the soil structure by spading/hoeing in the field.</li><li>❖ Hand weeding with care is recommended.</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>❖ Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>❖ Provide shed to protect from excessive rainfall</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>❖ Undertake necessary tillage operation if there is no rain.</li><li>❖ Remove weeds from the tree basin and prepare ring around the tree.</li><li>❖ Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker</li><li>❖ Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
<b>❖ LIVESTOCKS</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>Precautionary Practices to be followed</b>
Goat	All stages		<ul style="list-style-type: none"><li>❖ Deworming for gastrointestinal parasite</li></ul>
Fishery			<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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**ADVISORY FOR DISTRICT: TAWANG**

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall: 27.0 mm	Partly/Mostly cloudy with possibility of light/moderate rainfall on 22-23 Sept 18. Daily maximum and minimum temperature for the following period is predicted to be 19-21°C and 09-10°C respectively. Expected morning and evening relative humidity will be 90-99% and 32-70% respectively. Wind direction is mainly NE & ENE with average wind speed range of 3-6 kmph.
Warning:	•

**GENERAL RECOMMENDATIONS**

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none"><li>• Monitor crop against attack of gundhi bug,</li><li>• Weeding is advised to ward off the alternate host of gundhi bug</li><li>• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.</li><li>• <b>Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper &amp; leaf folder using sticker</b></li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>• Harvesting of early Jhum rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>• <b>Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</b></li><li>• <b>To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</b></li></ul>
<b>VEGETABLES</b>			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	<ul style="list-style-type: none"><li>• On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids,</li><li>• On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass,</li><li>• Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li><li>• Remove diseased part &amp; keep inflorescence clean.</li><li>• Uproot &amp; burn virus infected plants</li></ul>
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका  
**District Level Agro-met Advisory Bulletin**  
**Arunachal Pradesh**

(Period: 19<sup>th</sup> to 23<sup>rd</sup> September, 2018)

No: AMFU-Basar/2018/75

Dated: Tue, 18<sup>th</sup> September, 2018



Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: TIRAP**

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall: 0.0 mm	<b>Mostly/partly cloudy with possibility light to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 34-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 84-92% and 51-57% respectively. Wind direction is mainly ESE with average wind speed range of 3-6 kmph.
<b>Warning:</b>	•

GENERAL RECOMMENDATIONS			
<b>On anticipation of heavy rainfall:</b>			
<ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li><b>Proper drainage to all crop to avoid runoff</b></li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum field	Harvesting		<ul style="list-style-type: none"><li>Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li><b>Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</b></li><li><b>To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</b></li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>Do not disturb the soil structure by spading/hoeing in the field.</li><li>Hand weeding with care is recommended.</li></ul>
VEGETABLES			
Tomato	Fruiting		<ul style="list-style-type: none"><li>Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>Provide shed to protect from excessive rainfall</li></ul>
HORTICULTURAL CROPS			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>Undertake necessary tillage operation if there is no rain.</li><li>Remove weeds from the tree basin and prepare ring around the tree.</li><li>Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker</li><li>Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
❖ LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		<ul style="list-style-type: none"><li>Deworming for gastrointestinal parasite</li></ul>
Fishery			<ul style="list-style-type: none"><li>Application of quick lime is highly recommended in order to rectify water pH.</li><li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>Keep the houses dry and clean.</li><li>1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>Reduce concentrate diet up to 5%</li></ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			





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(Period: 19<sup>th</sup> to 23<sup>rd</sup> September, 2018)

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Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: UPPER SIANG**

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall: 29.2 mm	<b>Mostly/partly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 16-17°C respectively. Expected morning and evening relative humidity will be 89-98% and 44-61% respectively. Wind direction is mainly S & SW with average wind speed range of 2-6 kmph.
Warning:	

GENERAL RECOMMENDATIONS			
<b>On anticipation of heavy rainfall:</b>			
<ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none"><li>Monitor crop against attack of gundhi bug,</li><li>Weeding is advised to ward off the alternate host of gundhi bug</li><li>Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@ 1-2ml/lit.</li><li><b>Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper &amp; leaf folder using sticker</b></li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>Harvesting of early Jhum rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li><b>Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</b></li><li><b>To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</b></li></ul>
VEGETABLES			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	<ul style="list-style-type: none"><li>On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids,</li><li>On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass,</li><li>Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant.</li></ul>
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>Mulching with locally available materials like dry grass/paddy straw recommended</li><li>Remove diseased part &amp; keep inflorescence clean.</li><li>Uproot &amp; burn virus infected plants</li></ul>
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"><li>Mulching with locally available materials like dry grass/paddy straw recommended</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>Keep the houses dry and clean.</li><li>1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>Reduce concentrate diet up to 5%</li></ul>
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**ADVISORY FOR DISTRICT: UPPER SUBANSIRI**

Weather summary of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Daporijo: 7.8 mm	<b>Partly/Mostly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 33-35°C and 23-24°C respectively. Expected morning and evening relative humidity will be 95-99% and 46-60% respectively. Wind direction is mainly WSW & W with average wind speed range of 2-5 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>❖ Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</li><li>❖ To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>❖ Do not disturb the soil structure by spading/hoeing in the field.</li><li>❖ Hand weeding with care is recommended.</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>❖ Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>❖ Provide shed to protect from excessive rainfall</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>❖ Undertake necessary tillage operation if there is no rain.</li><li>❖ Remove weeds from the tree basin and prepare ring around the tree.</li><li>❖ Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with streptocycline 6 gms in 60 liters of water to control canker</li><li>❖ Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		<ul style="list-style-type: none"><li>❖ Deworming for gastrointestinal parasite</li></ul>
Fishery			<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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**ADVISORY FOR DISTRICT: WEST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall = Bomdila: NA ; Bhalukpong: 33.2 mm; Kalaktang: 4.4 mm	<b>Mostly cloudy with possibility moderate to rather heavy rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 16-17°C respectively. Expected morning and evening relative humidity will be 86-96% and 44-63% respectively. Wind direction is mainly WSW & W with average wind speed range of 3-6 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<b>On anticipation of heavy rainfall:</b>			
<ul style="list-style-type: none"><li>Suspend all spray operations</li><li>Do not go for fertilizer/manure applications</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none"><li>Monitor crop against attack of gundhi bug,</li><li>Weeding is advised to ward off the alternate host of gundhi bug</li><li>Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.</li><li><b>Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper &amp; leaf folder using sticker</b></li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li><b>Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</b></li><li><b>To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</b></li></ul>
VEGETABLES			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	<ul style="list-style-type: none"><li>On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids,</li><li>On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass,</li><li>Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant.</li></ul>
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>Mulching with locally available materials like dry grass/paddy straw recommended</li><li>Remove diseased part &amp; keep inflorescence clean.</li><li>Uproot &amp; burn virus infected plants</li></ul>
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"><li>Mulching with locally available materials like dry grass/paddy straw recommended</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>Keep the houses dry and clean.</li><li>1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>Reduce concentrate diet up to 5%</li></ul>
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**ADVISORY FOR DISTRICT: WEST SIANG**

{Basar: Latitude: 27°59.53/Longitude: 94.41.269/Altitude: 616 amsl}

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall: 105.0 mm, Max. T: 30.0°C, Min. T: 21.0°C, Wind Speed: 4-6 km/h, RH: 59-93%, Wind Direction: NE & ENE	<b>Mostly/partly cloudy with possibility moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 34-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 91-97% and 45-59% respectively. Wind direction is mainly WNW & NW with average wind speed range of 3-5 kmph.
Warning:	

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
<i>Jhum</i> field	Harvesting		<ul style="list-style-type: none"><li>❖ Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>❖ Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</li><li>❖ To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>❖ Do not disturb the soil structure by spading/hoeing in the field.</li><li>❖ Hand weeding with care is recommended.</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>❖ Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>❖ Provide shed to protect from excessive rainfall</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>❖ Undertake necessary tillage operation if there is no rain.</li><li>❖ Remove weeds from the tree basin and prepare ring around the tree.</li><li>❖ Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker</li><li>❖ Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		<ul style="list-style-type: none"><li>❖ Deworming for gastrointestinal parasite</li></ul>
Fishery			<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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**ADVISORY FOR DISTRICT: ANJAW**

{Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 m amsl}

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
No weather summary available	<b>Mostly/partly cloudy with possibility of moderate to very heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 16-17°C respectively. Expected morning and evening relative humidity will be 93-96% and 52-58% respectively. Wind direction is mainly variable with average wind speed range of 5-6 kmph.
<b>Warning:</b>	•

GENERAL RECOMMENDATIONS			
<b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>• Suspend all spray operations</li><li>• Do not go for fertilizer/manure applications</li><li>• Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none"><li>• Monitor crop against attack of gundhi bug,</li><li>• Weeding is advised to ward off the alternate host of gundhi bug</li><li>• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.</li><li>• <b>Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper &amp; leaf folder using sticker</b></li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>• Harvesting of early Jhum rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>• <b>Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</b></li><li>• <b>To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</b></li></ul>
VEGETABLES			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	<ul style="list-style-type: none"><li>• On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids,</li><li>• On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass,</li><li>• Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant.</li></ul>
HORTICULTURAL CROPS			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li><li>• Remove diseased part &amp; keep inflorescence clean.</li><li>• Uproot &amp; burn virus infected plants</li></ul>
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: CHANGLANG**

{Changlang (HQ): Latitude: 27.1305856/Longitude: 95.7342373/Altitude: 580 masl}

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall = Changlang: NA Miao: 4.8 mm	Mostly/partly cloudy with possibility of moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 34-35°C and 24-25°C respectively. Expected morning and evening relative humidity will be 89-96% and 52-62% respectively. Wind direction is mainly ESE & SE with average wind speed range of 2-6 kmph.
Warning:	•

**GENERAL RECOMMENDATIONS**

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ Harvesting of early Jhum rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>❖ Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</li><li>❖ To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>❖ Do not disturb the soil structure by spading/hoeing in the field.</li><li>❖ Hand weeding with care is recommended.</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>❖ Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>❖ Provide shed to protect from excessive rainfall</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>❖ Undertake necessary tillage operation if there is no rain.</li><li>❖ Remove weeds from the tree basin and prepare ring around the tree.</li><li>❖ Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with streptocycline 6 gms in 60 liters of water to control canker</li><li>❖ Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		<ul style="list-style-type: none"><li>❖ Deworming for gastrointestinal parasite</li></ul>
Fishery			<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			





जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका  
**District Level Agro-met Advisory Bulletin**  
**Arunachal Pradesh**



(Period: 19<sup>th</sup> to 23<sup>rd</sup> September, 2018)

No: AMFU-Basar/2018/75

Dated: Tue, 18<sup>th</sup> September, 2018



Gramin Krishi Mausam Sewa

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY**

{Anini: Latitude: 28.2179994/Longitude: 94.7277528/Altitude: 1968 masl}

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall = 0.0 mm	Mostly/partly cloudy with possibility of moderate to rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 16-17°C respectively. Expected morning and evening relative humidity will be 96-98% and 45-71% respectively. Wind direction is mainly ESE & E with average wind speed range of 3-7 kmph.
Warning:	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

- Suspend all spray operations
- Do not go for fertilizer/manure applications
- Proper drainage to all crop to avoid runoff

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice	Dough Grain filling stage	Gundhi bug	<ul style="list-style-type: none"><li>• Monitor crop against attack of gundhi bug,</li><li>• Weeding is advised to ward off the alternate host of gundhi bug</li><li>• Install local trap of dead frog/fermented fish etc against gundhi bug in rice or spray triazophos/chloripyriphos@1-2ml/lit.</li><li>• <b>Need based spray of Flubendiamide 3.5% + Hexaconazole 5% @ 2ml/lit against rice skipper &amp; leaf folder using sticker</b></li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>• Harvesting of early Jhum rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>• <b>Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</b></li><li>• <b>To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</b></li></ul>
<b>VEGETABLES</b>			
Cucurbits	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	<ul style="list-style-type: none"><li>• On clear/dry weather, Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids,</li><li>• On clear/dry weather, Spraying of Deltamethrin 4ml/10 litre of water is advised for management of Red pumpkin beetle grass,</li><li>• Drench the base with chlorpyrifos 20EC @ 2ml/litre; 1litre per plant.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li><li>• Remove diseased part &amp; keep inflorescence clean.</li><li>• Uproot &amp; burn virus infected plants</li></ul>
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"><li>• Mulching with locally available materials like dry grass/paddy straw recommended</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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Gramin Krishi Mausam Sewa

ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: EAST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> September 2018
Rainfall = 4.6 mm	Partly/Mostly cloudy with possibility of moderate to heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 33-35°C and 23-24°C respectively. Expected morning and evening relative humidity will be 84-93% and 42-57% respectively. Wind direction is mainly variable with average wind speed range of 3-6 kmph.
<b>Warning:</b>	•

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>• Suspend all spray operations</li><li>• Do not go for fertilizer/manure applications</li><li>• Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ Harvesting of early <i>Jhum</i> rice may be done in the following week. The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</li><li>❖ Those crop where due to rain sprouting of grains occurred, they should be separated from the non-sprouted one and dried properly,</li><li>❖ To avoid sprouting due to rains, stage wise harvesting of mature panicles should be followed</li></ul>
Groundnut	Pegging	Leaf Spot/tikka disease	<ul style="list-style-type: none"><li>❖ On sunny day, spray carbendazim/Mancozeb @ 1-2 ml/lit of water</li><li>❖ Do not disturb the soil structure by spading/hoeing in the field.</li><li>❖ Hand weeding with care is recommended.</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>❖ Removing sideshoots is an important job which prevents the fruits being shaded by leaves.</li><li>❖ Provide shed to protect from excessive rainfall</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>❖ Undertake necessary tillage operation if there is no rain.</li><li>❖ Remove weeds from the tree basin and prepare ring around the tree.</li><li>❖ Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180 gms with spreptocycline 6 gms in 60 liters of water to control canker</li><li>❖ Follow clean cultivation in orchard and bury fallen fruits in a deep pit frequently.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Goat	All stages		<ul style="list-style-type: none"><li>❖ Deworming for gastrointestinal parasite</li></ul>
Fishery			<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"><li>• Keep the houses dry and clean.</li><li>• 1<sup>st</sup> injection at 6 months of age and 2<sup>nd</sup> injection at 12 months of age followed by annual vaccination under vet supervision against FMD</li><li>• Reduce concentrate diet up to 5%</li></ul>
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