



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



(Period: 3<sup>rd</sup> to 7<sup>th</sup> October, 2018)

No: AMFU-Basar/2018/79

Dated: Tue, 2<sup>nd</sup> October, 2018



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

**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 7 <sup>th</sup> October 2018
Rainfall (Koloriang): 30.8 mm	<b>Partly cloudy with possibility light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 25-28°C and 16-18°C respectively. Expected morning and evening relative humidity will be 90-96% and 50-69% respectively. Wind direction is mainly WSW & W with average wind speed range of 3-4 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Immediate harvesting of mature crops advocated</b></li><li>❖ The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</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>
Cucurbits (Bottle gourd,Ridge gourd, Pumpkin, Bitter gourd, Cucumber, etc.)	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>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ <b>Precautionary Practices to be followed</b>
Goat	All stages		<ul style="list-style-type: none"><li>• Deworming for gastrointestinal parasite</li></ul>
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Provide preventive dose of anti-coccidial drugs to poultry.</b></li><li>• Proper ventilation of shed</li><li>• Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water</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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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: LOHIT**

Weather summary of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall: 6.6 mm (Tezu)	<b>Generally fair weather forecasted with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 30-31°C and 20-22°C respectively. Expected morning and evening relative humidity will be 70-87% and 37-55% respectively. Wind direction is mainly variable average wind speed range of 6-7 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Rabi vegetables	Nursery		<ul style="list-style-type: none"><li>• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u></li><li>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u></li><li>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u></li></ul>
<b>HORTICULTURAL CROPS</b>			
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"><li>• Basin cleaning and manuring</li><li>• Install fruit fly pheromone traps for collection and destruction of the adult insects</li></ul>
Pineapple	Harvesting		<ul style="list-style-type: none"><li>• The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• 1<sup>st</sup> injection at 6-8 weeks of age, 2<sup>nd</sup> injection after 6 months of 1<sup>st</sup> injection followed by annual vaccination under vet supervision</li><li>• Separate sick animals</li><li>• The animal should be washed with lukewarm water added with little potash (KMnO<sub>4</sub>) or neem leaves</li></ul>
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**ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY**

Weather summery of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall (Roing): 0.0 mm	<b>Mostly sunny with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 30-31°C and 20-22°C respectively. Expected morning and evening relative humidity will be 80-87% and 40-66% respectively. Wind direction is mainly variable with average wind speed range of 5-6 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Rabi vegetables	Nursery		<ul style="list-style-type: none"><li>• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u></li><li>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u></li><li>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u></li></ul>
<b>HORTICULTURAL CROPS</b>			
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"><li>• Basin cleaning and manuring</li><li>• Install fruit fly pheromone traps for collection and destruction of the adult insects</li></ul>
Pineapple	Harvesting		<ul style="list-style-type: none"><li>• The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• 1<sup>st</sup> injection at 6-8 weeks of age, 2<sup>nd</sup> injection after 6 months of 1<sup>st</sup> injection followed by annual vaccination under vet supervision</li><li>• Separate sick animals</li><li>• The animal should be washed with lukewarm water added with little potash (KMnO<sub>4</sub>) or neem leaves</li></ul>
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**ADVISORY FOR DISTRICT: LOWER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
NA	Fair/mostly sunny with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 30-32°C and 21-23°C respectively. Expected morning and evening relative humidity will be 89-95% and 50-78% respectively. Wind direction is mainly NW with average wind speed range of 4-6 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Immediate harvesting of mature crops advocated</b></li><li>❖ The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</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>
Cucurbits (Bottle gourd,Ridge gourd, Pumpkin, Bitter gourd, Cucumber, etc.)	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>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ <b>Precautionary Practices to be followed</b>
Goat	All stages		<ul style="list-style-type: none"><li>• Deworming for gastrointestinal parasite</li></ul>
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Provide preventive dose of anti-coccidial drugs to poultry.</b></li><li>• Proper ventilation of shed</li><li>• Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water</li></ul>
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**ADVISORY FOR DISTRICT: PAPUM PARE**

Weather summary of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall: 2.5 mm; T. Max: 32.0°C; T. Min: 23.0°C ; RH: 87-93%	Mostly sunny with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 31-33°C and 22-24°C respectively. Expected morning and evening relative humidity will be 85-92% and 50-73% respectively. Wind direction is mainly SSW & W with average wind speed range of 4-5 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Rabi vegetables	Nursery		<ul style="list-style-type: none"><li>• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u></li><li>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u></li><li>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves. Monitoring of standing crops against attack of insect pests and diseases.</u></li></ul>
<b>HORTICULTURAL CROPS</b>			
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"><li>• Basin cleaning and manuring</li><li>• Install fruit fly pheromone traps for collection and destruction of the adult insects</li></ul>
Pineapple	Harvesting		<ul style="list-style-type: none"><li>• The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• 1<sup>st</sup> injection at 6-8 weeks of age, 2<sup>nd</sup> injection after 6 months of 1<sup>st</sup> injection followed by annual vaccination under vet supervision</li><li>• Separate sick animals</li><li>• The animal should be washed with lukewarm water added with little potash (KMnO<sub>4</sub>) or neem leaves</li></ul>
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**ADVISORY FOR DISTRICT: TAWANG**

Weather summary of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall: 7.0 mm	<b>Mostly sunny/ Partly cloudy with possibility of no rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 17-18°C and 09-10°C respectively. Expected morning and evening relative humidity will be 90-96% and 50-72% respectively. Wind direction is mainly ENE & E with average wind speed range of 4-6 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Immediate harvesting of mature crops advocated</b></li><li>❖ The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</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 rainfall</li></ul>
Cucurbits (Bottle gourd,Ridge gourd, Pumpkin, Bitter gourd, Cucumber, etc.)	Harvesting	Aphid/ Red pumpkin beetle/ Cutworm	<ul style="list-style-type: none"><li>• Spraying of Dimethoate 30 EC @ 3ml/litre of water is advised against aphids,</li><li>• 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>
<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>
Poultry	All stages		<ul style="list-style-type: none"><li>❖ <b>Provide preventive dose of anti-coccidial drugs to poultry.</b></li><li>❖ Proper ventilation of shed</li><li>❖ Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water</li></ul>
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**ADVISORY FOR DISTRICT: TIRAP**

Weather summary of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall: 3.2 mm	<b>Generally fair weather with possibility moderate rainfall inn few places.</b> Daily maximum and minimum temperature for the following period is predicted to be 31-32°C and 22-23°C respectively. Expected morning and evening relative humidity will be 80-92% and 50-67% respectively. Wind direction is mainly ESE with average wind speed range of 3 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Rabi vegetables	Nursery		<ul style="list-style-type: none"><li>• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u></li><li>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u></li><li>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u></li></ul>
<b>HORTICULTURAL CROPS</b>			
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"><li>• Basin cleaning and manuring</li><li>• Install fruit fly pheromone traps for collection and destruction of the adult insects</li></ul>
Pineapple	Harvesting		<ul style="list-style-type: none"><li>• The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• 1<sup>st</sup> injection at 6-8 weeks of age, 2<sup>nd</sup> injection after 6 months of 1<sup>st</sup> injection followed by annual vaccination under vet supervision</li><li>• Separate sick animals</li><li>• The animal should be washed with lukewarm water added with little potash (KMnO<sub>4</sub>) or neem leaves</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: 3<sup>rd</sup> to 7<sup>th</sup> October, 2018)

**No: AMFU-Basar/2018/79**

**Dated: Tue, 2<sup>nd</sup> October, 2018**



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 7 <sup>th</sup> October 2018
Rainfall: 4.6 mm	<b>Partly cloudy with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 18-20°C respectively. Expected morning and evening relative humidity will be 80-94% and 50-78% respectively. Wind direction is mainly WSW & SSW with average wind speed range of 4-5 kmph.
Warning:	

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"><li>• Monitor for possible attack of insects/pests</li><li>• Application of fertilizers/manure can be done during clear/dry days</li><li>• Proper drainage to all crop to avoid runoff</li><li>• Check of vaccination schedule in poultry/livestock</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Immediate harvesting of mature crops advocated</b></li><li>❖ The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</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>
Cucurbits (Bottle gourd,Ridge gourd, Pumpkin, Bitter gourd, Cucumber, etc.)	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>
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>
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Provide preventive dose of anti-coccidial drugs to poultry.</b></li><li>• Proper ventilation of shed</li><li>• Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water</li></ul>
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Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: UPPER SUBANSIRI**

Weather summary of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Daporijo: 3.0 mm	Partly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 30-33°C and 23-24°C respectively. Expected morning and evening relative humidity will be 94-97% and 63-65% respectively. Wind direction is mainly W & WNW with average wind speed range of 2-4 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Rabi vegetables	Nursery		<ul style="list-style-type: none"><li>• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u></li><li>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u></li><li>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u></li></ul>
<b>HORTICULTURAL CROPS</b>			
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"><li>• Basin cleaning and manuring</li><li>• Install fruit fly pheromone traps for collection and destruction of the adult insects</li></ul>
Pineapple	Harvesting		<ul style="list-style-type: none"><li>• The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• 1<sup>st</sup> injection at 6-8 weeks of age, 2<sup>nd</sup> injection after 6 months of 1<sup>st</sup> injection followed by annual vaccination under vet supervision</li><li>• Separate sick animals</li><li>• The animal should be washed with lukewarm water added with little potash (KMnO<sub>4</sub>) or neem leaves</li></ul>
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**ADVISORY FOR DISTRICT: WEST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 23.2 mm; Kalaktang: 0.0 mm	<b>Mostly Sunny with possibility light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 25-28°C and 16-18°C respectively. Expected morning and evening relative humidity will be 87-95% and 50-68% respectively. Wind direction is mainly NW & NNW with average wind speed range of 4-5 kmph.
<b>Warning:</b>	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"><li>• <b>Monitor for possible attack of insects/pests</b></li><li>• <b>Application of fertilizers/manure can be done during clear/dry days</b></li><li>• <b>Proper drainage to all crop to avoid runoff</b></li><li>• <b>Check of vaccination schedule in poultry/livestock</b></li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Immediate harvesting of mature crops advocated</b></li><li>❖ The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</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>
Cucurbits (Bottle gourd,Ridge gourd, Pumpkin, Bitter gourd, Cucumber, etc.)	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>
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>
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Provide preventive dose of anti-coccidial drugs to poultry.</b></li><li>• Proper ventilation of shed</li><li>• Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water</li></ul>
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Gramin Krishi Mausam Sewa  
ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**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 7 <sup>th</sup> October 2018
Rainfall: 0.0 mm, Max. T: 27.2 °C, Min. T: 18.5°C, Wind Speed: 2-6 km/h, RH: 71-91%, Wind Direction: NNW	<b>Partly cloudy with possibility light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 32-33°C and 22-23°C respectively. Expected morning and evening relative humidity will be 88-95% and 50-76% respectively. Wind direction is mainly WSW & WNW with average wind speed range of 3-4 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Rabi vegetables	Nursery		<ul style="list-style-type: none"><li>• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u></li><li>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u></li><li>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u></li></ul>
<b>HORTICULTURAL CROPS</b>			
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"><li>• Basin cleaning and manuring</li><li>• Install fruit fly pheromone traps for collection and destruction of the adult insects</li></ul>
Pineapple	Harvesting		<ul style="list-style-type: none"><li>• The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• 1<sup>st</sup> injection at 6-8 weeks of age, 2<sup>nd</sup> injection after 6 months of 1<sup>st</sup> injection followed by annual vaccination under vet supervision</li><li>• Separate sick animals</li><li>• The animal should be washed with lukewarm water added with little potash (KMnO<sub>4</sub>) or neem leaves</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 7 <sup>th</sup> October 2018
No weather summary available	<b>Sunny/ fair with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 18-20°C respectively. Expected morning and evening relative humidity will be 78-89% and 40-58% respectively. Wind direction is mainly ESE & SE with average wind speed range of 6-7 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			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Immediate harvesting of mature crops advocated</b></li><li>❖ The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</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>
Cucurbits (Bottle gourd,Ridge gourd, Pumpkin, Bitter gourd, Cucumber, etc.)	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>
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>
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Provide preventive dose of anti-coccidial drugs to poultry.</b></li><li>• Proper ventilation of shed</li><li>• Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water</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 summary of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall = Changlang: NA Miao: 3.0 mm	<b>Generally fair weather with possibility of moderate rainfall in few places.</b> Daily maximum and minimum temperature for the following period is predicted to be 31-33°C and 22-24°C respectively. Expected morning and evening relative humidity will be 80-95% and 45-56% respectively. Wind direction is mainly SE & SSE with average wind speed range of 3-4 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Rabi vegetables	Nursery		<ul style="list-style-type: none"><li>• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u></li><li>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u></li><li>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u></li><li>• <b>Monitoring of standing crops against attack of insect pests and diseases.</b></li></ul>
<b>HORTICULTURAL CROPS</b>			
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"><li>• Basin cleaning and manuring</li><li>• Install fruit fly pheromone traps for collection and destruction of the adult insects</li></ul>
Pineapple	Harvesting		<ul style="list-style-type: none"><li>❖ The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• 1<sup>st</sup> injection at 6-8 weeks of age, 2<sup>nd</sup> injection after 6 months of 1<sup>st</sup> injection followed by annual vaccination under vet supervision</li><li>• Separate sick animals</li><li>• The animal should be washed with lukewarm water added with little potash (KMnO<sub>4</sub>) or neem leaves</li></ul>

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



(Period: 3<sup>rd</sup> to 7<sup>th</sup> October, 2018)

No: AMFU-Basar/2018/79

Dated: Tue, 2<sup>nd</sup> October, 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 summary of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall = 0.0 mm	<b>Partly cloudy with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 30-31°C and 20-22°C respectively. Expected morning and evening relative humidity will be 85-94% and 45-77% respectively. Wind direction is mainly ESE & E with average wind speed range of 5-6 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Jhum field	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Immediate harvesting of mature crops advocated</b></li><li>❖ The harvested crop should be threshed and grains be sun-dried to the proper moisture level (12 % moisture level)</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>
Cucurbits (Bottle gourd,Ridge gourd, Pumpkin, Bitter gourd, Cucumber, etc.)	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>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	❖ <b>Precautionary Practices to be followed</b>
Goat	All stages		<ul style="list-style-type: none"><li>• Deworming for gastrointestinal parasite</li></ul>
Poultry	All stages		<ul style="list-style-type: none"><li>• <b>Provide preventive dose of anti-coccidial drugs to poultry.</b></li><li>• Proper ventilation of shed</li><li>• Provide glucose/electral along with vitamin supplements (@5-6ml/100 birds) with adequate potable water</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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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 7 <sup>th</sup> October 2018
Rainfall = 10.2 mm	<b>Mostly sunny with possibility of moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 28-29°C and 20-23°C respectively. Expected morning and evening relative humidity will be 84-94% and 48-60% respectively. Wind direction is mainly SSW with average wind speed range of 5 kmph.
<b>Warning:</b>	•

<b>GENERAL RECOMMENDATIONS</b> <ul style="list-style-type: none"><li>• Monitor for possible attack of insects/pests</li><li>• Application of fertilizers/manure can be done during clear/dry days</li><li>• Proper drainage to all crop to avoid runoff</li><li>• Check of vaccination schedule in poultry/livestock</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Tomato	Fruiting		<ul style="list-style-type: none"><li>• Removing side-shoots is an important job which prevents the fruits being shaded by leaves.</li><li>• Provide shed to protect from excessive rainfall</li></ul>
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>			
Citrus	Fruit development stage	Citrus Canker	<ul style="list-style-type: none"><li>• Due to high humidity the problem of citrus canker get aggravated in acid lime leading to excessive fruit drop. Spray copper oxychloride 180gms with spreptocycline 6gms 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
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• In present weather conditions, special care should be taken against attack of maggots in the wounds of animals. Application of turpentine oil in the wounds followed by application of antibiotics for five days is advised.</li><li>• Provide UMB/Molases if possible in the feed</li><li>• Provide 10-30 ml of vitamin B-Complex in feed</li></ul>
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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 summery of the previous week	Weather forecast valid up to 7 <sup>th</sup> October 2018
Rainfall: 21.2 mm; T. Max: 32.0°C; T. Min: 23.0°C ; RH: 77-80%	<b>Mostly sunny with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 32-33°C and 21-22°C respectively. Expected morning and evening relative humidity will be 80-91% and 40-74% respectively. Wind direction is mainly variable with average wind speed range of 4-5 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>			
Kharif Rice (Normal transplanted)	Tillering/ Booting	Blast/Gundhi bug	<ul style="list-style-type: none"><li>❖ Need based alternate foliar spray of Hexaconazole 5 EC(2ml/l) &amp; Carbendazim 12WP+Mancozeb 63WP(2g/l) at 15days interval beginning from first appearance of the disease,</li><li>❖ Dust with Malathion 5D @ 20kg/ha. Repeat weekly,</li><li>❖ Properly maintain the water level in the field,</li></ul>
Kharif Rice (Early transplanted)	Harvesting		<ul style="list-style-type: none"><li>❖ Immediate harvesting during clear/dry days</li><li>❖ Threshing followed by proper drying for safe storage,</li></ul>
Pulses	Flowering	Blister beetle	<ul style="list-style-type: none"><li>• Go for manual picking of Blister beetle without delay because the incidence of the pest during flowering stage cause huge lose in harvest</li></ul>
<b>VEGETABLES</b>			
Rabi vegetables	Nursery		<ul style="list-style-type: none"><li>• <u>In present weather conditions, nursery sowing of hybrid tomato, cauliflower and cabbage may be done.</u></li><li>• <u>The seeds should be sown on raised beds (15-20 cm) after treating seeds with <i>Trichoderma</i> @ 10 g/kg or with Captan/Thiram @ 2-3 g/kg seeds.</u></li><li>• <u>After sowing the seeds in the nursery, cover it with mixture of well rotten compost + friable soil + sand (2:1:1) and mulch with paddy straw / dried leaves.</u></li></ul>
<b>HORTICULTURAL CROPS</b>			
Guava	Fruit Development	Fruit fly	<ul style="list-style-type: none"><li>• Basin cleaning and manuring</li><li>• Install fruit fly pheromone traps for collection and destruction of the adult insects</li></ul>
Pineapple	Harvesting		<ul style="list-style-type: none"><li>• The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li></ul>
<b>❖ LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"><li>• 1<sup>st</sup> injection at 6-8 weeks of age, 2<sup>nd</sup> injection after 6 months of 1<sup>st</sup> injection followed by annual vaccination under vet supervision</li><li>• Separate sick animals</li><li>• The animal should be washed with lukewarm water added with little potash (KMnO<sub>4</sub>) or neem leaves</li></ul>
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