



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



(Period: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: ANJAW**

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

Weather summary of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
No weather summary available	<b>Mostly sunny/partly cloudy with possibility of light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.0-27.0°C and 16.0-20.0°C respectively. Expected morning and evening relative humidity will be 58-77% and 39-49% respectively. Wind direction is mainly E with average wind speed range of 6.0-9.0 kmph.
<b>Warning:</b>	❖ <b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</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>			
Toria/ Mustard	Seed formation/harvesting	Aphids	❖ In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker. ❖ Harvest during clear/dry days
Soybean	Sowing		❖ Sowing of treated quality seeds may be done,
Black gram	Sowing		❖ Sowing of treated quality seeds may be done
<b>VEGETABLES</b>			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	❖ <b>Avoid harvesting</b> ❖ <b>Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.</b> ❖ Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves ❖ Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall..
Cabbage/ Cauliflower	Harvesting		❖ <b>Harvest mature crop.</b> ❖ <b>Constantly monitor against attack of insects pests/mole.</b>
<b>HORTICULTURAL CROPS</b>			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	❖ Remove water sprouts in Khasi mandarin. ❖ During sunny days, spray Metalaxyl MZ <a href="#">72@2.75g/lit</a> or fosetyl <a href="#">A1@2.5g/lit</a> fungicide on the tree covering the whole plant canopy against Phytophthora. ❖ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Kiwi	Pruning/Training		❖ <b>Diseased and senile branches should be removed.</b> ❖ <b>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</b> ❖ <b>Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation</b>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		❖ Vaccination against Ranikhet at 4 days of birth & booster dose after 1 month of age.
Goat	All		❖ Deworming ❖ Provide dry bedding
Fish	-		❖ Fingerlings - keep ready for introducing to the ponds,
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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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 20 <sup>th</sup> March 2019
Rainfall = Changlang: 0.0 mm Miao: 0.0 mm	Mostly sunny/partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-31.0°C and 16.0-20.0°C respectively. Expected morning and evening relative humidity will be 66-72% and 38-58% respectively. Wind direction is mainly ESE with average wind speed range of 4.0-5.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</b></li></ul>

**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 Rice	Land preparation		<ul style="list-style-type: none"><li>❖ Arrangement of quality seeds,</li><li>❖ Make structures to avoid runoff in the slope,</li><li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li></ul>
Maize	Sowing/germination		<ul style="list-style-type: none"><li>❖ Procure good quality certified seeds,</li><li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li><li>❖ <b>Sowing recommended</b></li><li>❖ <b>Provide proper arrangement for drainage</b></li></ul>
Toria/ Mustard	Mature/Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Harvesting of mature crop,</li><li>❖ Proper sun-drying of harvested crop</li><li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li></ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"><li>❖ <b>Prepare nursery in shaded area</b></li><li>❖ <b>Procure quality seed from certified agency.</b></li><li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li></ul>
French Bean	Sowing		<ul style="list-style-type: none"><li>❖ In present weather conditions, sowing of quality seeds may be done,</li><li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"><li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li><li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li><li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"><li>❖ Provide less ventilation to avoid heat loss</li><li>❖ Keep cattle clean and dry so that they stay warm,</li><li>❖ Deworming</li></ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"><li>❖ The bedding is always dry and that there is plenty.</li><li>❖ If possible wooden sleeping box should be provided.</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			



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



(Period: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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 20 <sup>th</sup> March 2019
Rainfall = NA	<b>Mostly/partly cloudy with possibility of light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 23.0-26.0°C and 16.0-20.0°C respectively. Expected morning and evening relative humidity will be 77-86% and 47-68% respectively. Wind direction is mainly ENE & E with average wind speed range of 8.0-10.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</li></ul>

<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>			
Toria/ Mustard	Seed formation/harvesting	Aphids	<ul style="list-style-type: none"><li>❖ In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker.</li><li>❖ Harvest during clear/dry days</li></ul>
Soybean	Sowing		<ul style="list-style-type: none"><li>❖ Sowing of treated quality seeds may be done,</li></ul>
Black gram	Sowing		<ul style="list-style-type: none"><li>❖ Sowing of treated quality seeds may be done</li></ul>
<b>VEGETABLES</b>			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	<ul style="list-style-type: none"><li>❖ <b>Avoid harvesting</b></li><li>❖ <b>Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.</b></li><li>❖ Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves</li><li>❖ Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall..</li></ul>
Cabbage/ Cauliflower	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Harvest mature crop.</b></li><li>❖ <b>Constantly monitor against attack of insects pests/mole.</b></li></ul>
<b>HORTICULTURAL CROPS</b>			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	<ul style="list-style-type: none"><li>❖ Remove water sprouts in Khasi mandarin.</li><li>❖ During sunny days, spray Metalaxyl MZ <a href="#">72@2.75g/lit</a> or fosetyl <a href="#">A1@2.5g/lit</a> fungicide on the tree covering the whole plant canopy against Phytophthora.</li><li>❖ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.</li></ul>
Kiwi	Pruning/Training		<ul style="list-style-type: none"><li>❖ <b>Diseased and senile branches should be removed.</b></li><li>❖ <b>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</b></li><li>❖ <b>Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation</b></li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>❖ Vaccination against Ranikhet at 4 days of birth &amp; booster dose after 1 month of age.</li></ul>
Goat	All		<ul style="list-style-type: none"><li>❖ Deworming</li><li>❖ Provide dry bedding</li></ul>
Fish	-		<ul style="list-style-type: none"><li>❖ Fingerlings - keep ready for introducing to the ponds,</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			



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



(Period: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: EAST KAMENG**

Weather summary of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall = 0.0 mm	<b>Mostly sunny with possibility of very light rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 28.0-30.0°C and 18.0-21.0°C respectively. Expected morning and evening relative humidity will be 67-77% and 40-46% respectively. Wind direction is mainly SE & ENE with average wind speed range of 5.0-6.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</li></ul>

**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 Rice	Land preparation		<ul style="list-style-type: none"><li>❖ Arrangement of quality seeds,</li><li>❖ Make structures to avoid runoff in the slope,</li><li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li></ul>
Maize	Sowing/germination		<ul style="list-style-type: none"><li>❖ Procure good quality certified seeds,</li><li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li><li>❖ <b>Sowing recommended</b></li><li>❖ <b>Provide proper arrangement for drainage</b></li></ul>
Toria/ Mustard	Mature/Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Harvesting of mature crop,</li><li>❖ Proper sun-drying of harvested crop</li><li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li></ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"><li>❖ <b>Prepare nursery in shaded area</b></li><li>❖ <b>Procure quality seed from certified agency.</b></li><li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li></ul>
French Bean	Sowing		<ul style="list-style-type: none"><li>❖ In present weather conditions, sowing of quality seeds may be done,</li><li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"><li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li><li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li><li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"><li>❖ Provide less ventilation to avoid heat loss</li><li>❖ Keep cattle clean and dry so that they stay warm,</li><li>❖ Deworming</li></ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"><li>❖ The bedding is always dry and that there is plenty.</li><li>❖ If possible wooden sleeping box should be provided.</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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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 20 <sup>th</sup> March 2019
Rainfall: 0.2 mm; T. Max: 31.0°C; T. Min: 18.0°C ; RH: 61-68%	<b>Mostly/partly cloudy with possibility of light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 25.0-30.0°C and 17.0-20.0°C respectively. Expected morning and evening relative humidity will be 73-90% and 37-52% respectively. Wind direction is mainly W with average wind speed range of 4.0-6.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</b></li></ul>

**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 Rice	Land preparation		<ul style="list-style-type: none"><li>❖ Arrangement of quality seeds,</li><li>❖ Make structures to avoid runoff in the slope,</li><li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li></ul>
Maize	Sowing/germination		<ul style="list-style-type: none"><li>❖ Procure good quality certified seeds,</li><li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li><li>❖ <b>Sowing recommended</b></li><li>❖ <b>Provide proper arrangement for drainage</b></li></ul>
Toria/ Mustard	Mature/Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Harvesting of mature crop,</li><li>❖ Proper sun-drying of harvested crop</li><li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li></ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"><li>❖ <b>Prepare nursery in shaded area</b></li><li>❖ <b>Procure quality seed from certified agency.</b></li><li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li></ul>
French Bean	Sowing		<ul style="list-style-type: none"><li>❖ In present weather conditions, sowing of quality seeds may be done,</li><li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"><li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li><li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li><li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"><li>❖ Provide less ventilation to avoid heat loss</li><li>❖ Keep cattle clean and dry so that they stay warm,</li><li>❖ Deworming</li></ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"><li>❖ The bedding is always dry and that there is plenty.</li><li>❖ If possible wooden sleeping box should be provided.</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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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 20 <sup>th</sup> March 2019
Rainfall (Koloriang): 5.4 mm	<b>Partly cloudy with possibility of light rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 17.0-19.0°C respectively. Expected morning and evening relative humidity will be 83-88% and 47-64% respectively. Wind direction is mainly variable with average wind speed range of 2.0-6.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</b></li></ul>

<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>			
Toria/ Mustard	Seed formation/harvesting	Aphids	<ul style="list-style-type: none"><li>❖ In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker.</li><li>❖ Harvest during clear/dry days</li></ul>
Soybean	Sowing		<ul style="list-style-type: none"><li>❖ Sowing of treated quality seeds may be done,</li></ul>
Black gram	Sowing		<ul style="list-style-type: none"><li>❖ Sowing of treated quality seeds may be done</li></ul>
<b>VEGETABLES</b>			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	<ul style="list-style-type: none"><li>❖ <b>Avoid harvesting</b></li><li>❖ <b>Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.</b></li><li>❖ Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves</li><li>❖ Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall..</li></ul>
Cabbage/ Cauliflower	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Harvest mature crop.</b></li><li>❖ <b>Constantly monitor against attack of insects pests/mole.</b></li></ul>
<b>HORTICULTURAL CROPS</b>			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	<ul style="list-style-type: none"><li>❖ Remove water sprouts in Khasi mandarin.</li><li>❖ During sunny days, spray Metalaxyl MZ <a href="#">72@2.75g/lit</a> or fosetyl <a href="#">A1@2.5g/lit</a> fungicide on the tree covering the whole plant canopy against Phytophthora.</li><li>❖ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.</li></ul>
Kiwi	Pruning/Training		<ul style="list-style-type: none"><li>❖ <b>Diseased and senile branches should be removed.</b></li><li>❖ <b>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</b></li><li>❖ <b>Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation</b></li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>❖ Vaccination against Ranikhet at 4 days of birth &amp; booster dose after 1 month of age.</li></ul>
Goat	All		<ul style="list-style-type: none"><li>❖ Deworming</li><li>❖ Provide dry bedding</li></ul>
Fish	-		<ul style="list-style-type: none"><li>❖ Fingerlings - keep ready for introducing to the ponds,</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			



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



(Period: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: LOHIT**

Weather summery of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall: 0.0 mm (Tezu)	<b>Partly cloudy with possibility of light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 21.0-29.0°C and 16.0-20.0°C respectively. Expected morning and evening relative humidity will be 71-79% and 37-48% respectively. Wind direction is mainly ENE average wind speed range of 5.0-7.0 kmph.
<b>Warning</b>	<ul style="list-style-type: none"> <li><b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</b></li> </ul>

<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>			
Jhum Rice	Land preparation		<ul style="list-style-type: none"> <li>❖ Arrangement of quality seeds,</li> <li>❖ Make structures to avoid runoff in the slope,</li> <li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li> </ul>
Maize	Sowing/germination		<ul style="list-style-type: none"> <li>❖ Procure good quality certified seeds,</li> <li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li> <li>❖ <b>Sowing recommended</b></li> <li>❖ <b>Provide proper arrangement for drainage</b></li> </ul>
Toria/ Mustard	Mature/Harvesting	Aphid	<ul style="list-style-type: none"> <li>❖ Harvesting of mature crop,</li> <li>❖ Proper sun-drying of harvested crop</li> <li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li> </ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"> <li>❖ <b>Prepare nursery in shaded area</b></li> <li>❖ <b>Procure quality seed from certified agency.</b></li> <li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li> </ul>
French Bean	Sowing		<ul style="list-style-type: none"> <li>❖ In present weather conditions, sowing of quality seeds may be done,</li> <li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li> </ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> <li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li> <li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li> <li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"> <li>❖ Provide less ventilation to avoid heat loss</li> <li>❖ Keep cattle clean and dry so that they stay warm,</li> <li>❖ Deworming</li> </ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"> <li>❖ The bedding is always dry and that there is plenty.</li> <li>❖ If possible wooden sleeping box should be provided.</li> </ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			



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



(Period: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY**

Weather summary of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall (Roing): 0.7 mm	<b>Mostly/partly cloudy with possibility of light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 26.0-28.0°C and 17.0-18.0°C respectively. Expected morning and evening relative humidity will be 62-81% and 36-48% respectively. Wind direction is mainly E with average wind speed range of 6.0-8.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</b></li></ul>

**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 Rice	Land preparation		<ul style="list-style-type: none"><li>❖ Arrangement of quality seeds,</li><li>❖ Make structures to avoid runoff in the slope,</li><li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li></ul>
Maize	Sowing/germination		<ul style="list-style-type: none"><li>❖ Procure good quality certified seeds,</li><li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li><li>❖ <b>Sowing recommended</b></li><li>❖ <b>Provide proper arrangement for drainage</b></li></ul>
Toria/ Mustard	Mature/Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Harvesting of mature crop,</li><li>❖ Proper sun-drying of harvested crop</li><li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li></ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"><li>❖ <b>Prepare nursery in shaded area</b></li><li>❖ <b>Procure quality seed from certified agency.</b></li><li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li></ul>
French Bean	Sowing		<ul style="list-style-type: none"><li>❖ In present weather conditions, sowing of quality seeds may be done,</li><li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"><li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li><li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li><li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"><li>❖ Provide less ventilation to avoid heat loss</li><li>❖ Keep cattle clean and dry so that they stay warm,</li><li>❖ Deworming</li></ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"><li>❖ The bedding is always dry and that there is plenty.</li><li>❖ If possible wooden sleeping box should be provided.</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			





जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका  
**District Level Agro-met Advisory Bulletin**  
(Period: 16<sup>th</sup> to 20<sup>th</sup> March 2019)



No: AMFU-Basar/2019/22

Dated: Friday, 15<sup>th</sup> March 2019



Gramin Krishi Mausam Sewa  
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 20 <sup>th</sup> March 2019
NA	Partly cloudy with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 26.0-28.0°C and 18.0-21.0°C respectively. Expected morning and evening relative humidity will be 75-82% and 48-63% respectively. Wind direction is mainly variable with average wind speed range of 3.0-6.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</li></ul>

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			
Toria/ Mustard	Seed formation/harvesting	Aphids	<ul style="list-style-type: none"><li>In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker.</li><li>Harvest during clear/dry days</li></ul>
Soybean	Sowing		<ul style="list-style-type: none"><li>Sowing of treated quality seeds may be done,</li></ul>
Black gram	Sowing		<ul style="list-style-type: none"><li>Sowing of treated quality seeds may be done</li></ul>
VEGETABLES			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	<ul style="list-style-type: none"><li>Avoid harvesting</li><li>Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.</li><li>Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves</li><li>Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall..</li></ul>
Cabbage/ Cauliflower	Harvesting		<ul style="list-style-type: none"><li>Harvest mature crop.</li><li>Constantly monitor against attack of insects pests/mole.</li></ul>
HORTICULTURAL CROPS			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	<ul style="list-style-type: none"><li>Remove water sprouts in Khasi mandarin.</li><li>During sunny days, spray Metalaxyl MZ <a href="#">72@2.75g/lit</a> or fosetyl <a href="#">A1@2.5g/lit</a> fungicide on the tree covering the whole plant canopy against Phytophthora.</li><li>During clear/dry days, spray Dimethoate 30EC@1ml/l of water.</li></ul>
Kiwi	Pruning/Training		<ul style="list-style-type: none"><li>Diseased and senile branches should be removed.</li><li>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</li><li>Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>Vaccination against Ranikhet at 4 days of birth &amp; booster dose after 1 month of age.</li></ul>
Goat	All		<ul style="list-style-type: none"><li>Deworming</li><li>Provide dry bedding</li></ul>
Fish	-		<ul style="list-style-type: none"><li>Fingerlings - keep ready for introducing to the ponds,</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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: PAPUM PARE**

Weather summery of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall: 0.7 mm; T. Max: 31.0°C; T. Min: 18.0°C ; RH: 67-81%	<b>Mostly sunny with possibility of light rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 29.0-31.0°C and 18.0-21.0°C respectively. Expected morning and evening relative humidity will be 69-76% and 40-47% respectively. Wind direction is mainly E & ESE with average wind speed range of 4.0-9.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"> <li>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</li> </ul>

**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 Rice	Land preparation		<ul style="list-style-type: none"> <li>❖ Arrangement of quality seeds,</li> <li>❖ Make structures to avoid runoff in the slope,</li> <li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li> </ul>
Maize	Sowing/germination		<ul style="list-style-type: none"> <li>❖ Procure good quality certified seeds,</li> <li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li> <li>❖ <b>Sowing recommended</b></li> <li>❖ <b>Provide proper arrangement for drainage</b></li> </ul>
Toria/ Mustard	Mature/ Harvesting	Aphid	<ul style="list-style-type: none"> <li>❖ Harvesting of mature crop,</li> <li>❖ Proper sun-drying of harvested crop</li> <li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li> </ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"> <li>❖ <b>Prepare nursery in shaded area</b></li> <li>❖ <b>Procure quality seed from certified agency.</b></li> <li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li> </ul>
French Bean	Sowing		<ul style="list-style-type: none"> <li>❖ In present weather conditions, sowing of quality seeds may be done,</li> <li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li> </ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> <li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li> <li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li> <li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"> <li>❖ Provide less ventilation to avoid heat loss</li> <li>❖ Keep cattle clean and dry so that they stay warm,</li> <li>❖ Deworming</li> </ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"> <li>❖ The bedding is always dry and that there is plenty.</li> <li>❖ If possible wooden sleeping box should be provided.</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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: TAWANG**

Weather summary of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall: 1.0 mm	<b>Mostly sunny/partly cloudy with possibility of light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 16.0-17.0°C and 3.0-4.0°C respectively. Expected morning and evening relative humidity will be 61-65% and 41-48% respectively. Wind direction is mainly WSW & SW with average wind speed range of 6-10 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li><b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</b></li></ul>

<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>			
<b>FIELD CROPS</b>			
Toria/ Mustard	Seed formation/harvesting	Aphids	<ul style="list-style-type: none"><li>❖ In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker.</li><li>❖ Harvest during clear/dry days</li></ul>
Soybean	Sowing		❖ Sowing of treated quality seeds may be done,
Black gram	Sowing		❖ Sowing of treated quality seeds may be done
<b>VEGETABLES</b>			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	<ul style="list-style-type: none"><li>❖ <b>Avoid harvesting</b></li><li>❖ <b>Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.</b></li><li>❖ Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves</li><li>❖ Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall..</li></ul>
Cabbage/ Cauliflower	Harvesting		<ul style="list-style-type: none"><li>❖ <b>Harvest mature crop.</b></li><li>❖ <b>Constantly monitor against attack of insects pests/mole.</b></li></ul>
<b>HORTICULTURAL CROPS</b>			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	<ul style="list-style-type: none"><li>❖ Remove water sprouts in Khasi mandarin.</li><li>❖ During sunny days, spray Metalaxyl MZ <a href="#">72@2.75g/lit</a> or fosetyl <a href="#">A1@2.5g/lit</a> fungicide on the tree covering the whole plant canopy against Phytophthora.</li><li>❖ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.</li></ul>
Kiwi	Pruning/Training		<ul style="list-style-type: none"><li>❖ <b>Diseased and senile branches should be removed.</b></li><li>❖ <b>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</b></li><li>❖ <b>Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation</b></li></ul>
<b>LIVESTOCKS</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>Precautionary Practices to be followed</b>
Poultry	All stages		❖ Vaccination against Ranikhet at 4 days of birth & booster dose after 1 month of age.
Goat	All		<ul style="list-style-type: none"><li>❖ Deworming</li><li>❖ Provide dry bedding</li></ul>
Fish	-		❖ Fingerlings - keep ready for introducing to the ponds,
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			



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



(Period: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: TIRAP**

Weather summary of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall: 0.0 mm	Mostly sunny/partly cloudy with possibility of light rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-31.0°C and 17.0-20.0°C respectively. Expected morning and evening relative humidity will be 78-92% and 46-68% respectively. Wind direction is mainly SSE & S with average wind speed range of 2.0-4.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"> <li><b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</b></li> </ul>

**GENERAL RECOMMENDATIONS**

- Avoid all spray operations
- Application of fertilizers/manure may be avoided
- 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 Rice	Land preparation		<ul style="list-style-type: none"> <li>❖ Arrangement of quality seeds,</li> <li>❖ Make structures to avoid runoff in the slope,</li> <li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li> </ul>
Maize	Sowing/germination		<ul style="list-style-type: none"> <li>❖ Procure good quality certified seeds,</li> <li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li> <li>❖ <b>Sowing recommended</b></li> <li>❖ <b>Provide proper arrangement for drainage</b></li> </ul>
Toria/ Mustard	Mature/Harvesting	Aphid	<ul style="list-style-type: none"> <li>❖ Harvesting of mature crop,</li> <li>❖ Proper sun-drying of harvested crop</li> <li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li> </ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"> <li>❖ <b>Prepare nursery in shaded area</b></li> <li>❖ <b>Procure quality seed from certified agency.</b></li> <li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li> </ul>
French Bean	Sowing		<ul style="list-style-type: none"> <li>❖ In present weather conditions, sowing of quality seeds may be done,</li> <li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li> </ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> <li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li> <li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li> <li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"> <li>❖ Provide less ventilation to avoid heat loss</li> <li>❖ Keep cattle clean and dry so that they stay warm,</li> <li>❖ Deworming</li> </ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"> <li>❖ The bedding is always dry and that there is plenty.</li> <li>❖ If possible wooden sleeping box should be provided.</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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: UPPER SIANG**

Weather summary of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall: 4.2 mm	<b>Mostly sunny/partly cloudy with possibility of light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.0-27.0°C and 16.0-20.0°C respectively. Expected morning and evening relative humidity will be 73-85% and 40-58% respectively. Wind direction is mainly SSE with average wind speed range of 4.0-6.0 kmph.
Warning:	<b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</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>			
Toria/ Mustard	Seed formation/harvesting	Aphids	❖ In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker. ❖ Harvest during clear/dry days
Soybean	Sowing		❖ Sowing of treated quality seeds may be done,
Black gram	Sowing		❖ Sowing of treated quality seeds may be done
<b>VEGETABLES</b>			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	❖ <b>Avoid harvesting</b> ❖ <b>Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.</b> ❖ Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves ❖ Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall..
Cabbage/ Cauliflower	Harvesting		❖ <b>Harvest mature crop.</b> ❖ <b>Constantly monitor against attack of insects pests/mole.</b>
<b>HORTICULTURAL CROPS</b>			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	❖ Remove water sprouts in Khasi mandarin. ❖ During sunny days, spray Metalaxyl MZ <a href="#">72@2.75g/lit</a> or fosetyl <a href="#">A1@2.5g/lit</a> fungicide on the tree covering the whole plant canopy against Phytophthora. ❖ During clear/dry days, spray Dimethoate 30EC@1ml/l of water.
Kiwi	Pruning/Training		❖ <b>Diseased and senile branches should be removed.</b> ❖ <b>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</b> ❖ <b>Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation</b>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		❖ Vaccination against Ranikhet at 4 days of birth & booster dose after 1 month of age.
Goat	All		❖ Deworming ❖ Provide dry bedding
Fish	-		❖ Fingerlings - keep ready for introducing to the ponds,
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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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 20 <sup>th</sup> March 2019
Daporijo: 1.2 mm	<b>Mostly/partly cloudy with possibility of moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.0-27.0°C and 17.0-21.0°C respectively. Expected morning and evening relative humidity will be 82-89% and 53-76% respectively. Wind direction is mainly WNW & NW with average wind speed range of 3.0 -6.0 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 Rice	Land preparation		<ul style="list-style-type: none"><li>❖ Arrangement of quality seeds,</li><li>❖ Make structures to avoid runoff in the slope,</li><li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li></ul>
Maize	Sowing/ germination		<ul style="list-style-type: none"><li>❖ Procure good quality certified seeds,</li><li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li><li>❖ <b>Sowing recommended</b></li><li>❖ <b>Provide proper arrangement for drainage</b></li></ul>
Toria/ Mustard	Mature/ Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Harvesting of mature crop,</li><li>❖ Proper sun-drying of harvested crop</li><li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li></ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"><li>❖ <b>Prepare nursery in shaded area</b></li><li>❖ <b>Procure quality seed from certified agency.</b></li><li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li></ul>
French Bean	Sowing		<ul style="list-style-type: none"><li>❖ In present weather conditions, sowing of quality seeds may be done,</li><li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"><li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li><li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li><li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"><li>❖ Provide less ventilation to avoid heat loss</li><li>❖ Keep cattle clean and dry so that they stay warm,</li><li>❖ Deworming</li></ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"><li>❖ The bedding is always dry and that there is plenty.</li><li>❖ If possible wooden sleeping box should be provided.</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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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

**ADVISORY FOR DISTRICT: WEST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm; Kalaktang: 0.0 mm	<b>Mostly sunny/partly cloudy with possibility of light rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 12.0-14.0°C respectively. Expected morning and evening relative humidity will be 63-69% and 36-44% respectively. Wind direction is mainly SSE & S wind speed range of 6.0-7.0 kmph.
<b>Warning:</b>	<ul style="list-style-type: none"><li>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</li></ul>

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			
Toria/ Mustard	Seed formation/harvesting	Aphids	<ul style="list-style-type: none"><li>In case of heavy infestation, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker.</li><li>Harvest during clear/dry days</li></ul>
Soybean	Sowing		<ul style="list-style-type: none"><li>Sowing of treated quality seeds may be done,</li></ul>
Black gram	Sowing		<ul style="list-style-type: none"><li>Sowing of treated quality seeds may be done</li></ul>
VEGETABLES			
Potato	Vegetative stage/ Harvesting stage	Late blight/ Red ant	<ul style="list-style-type: none"><li><b>Avoid harvesting</b></li><li><b>Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.</b></li><li>Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves</li><li>Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall..</li></ul>
Cabbage/ Cauliflower	Harvesting		<ul style="list-style-type: none"><li><b>Harvest mature crop.</b></li><li><b>Constantly monitor against attack of insects pests/mole.</b></li></ul>
HORTICULTURAL CROPS			
Khasi Mandarin	After harvesting/ transplanting	Phytophthora/ Leaf eating caterpillar	<ul style="list-style-type: none"><li>Remove water sprouts in Khasi mandarin.</li><li>During sunny days, spray Metalaxyl MZ <a href="#">72@2.75g/lit</a> or fosetyl <a href="#">A1@2.5g/lit</a> fungicide on the tree covering the whole plant canopy against Phytophthora.</li><li>During clear/dry days, spray Dimethoate 30EC@1ml/l of water.</li></ul>
Kiwi	Pruning/Training		<ul style="list-style-type: none"><li><b>Diseased and senile branches should be removed.</b></li><li><b>Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.</b></li><li><b>Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation</b></li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>Vaccination against Ranikhet at 4 days of birth &amp; booster dose after 1 month of age.</li></ul>
Goat	All		<ul style="list-style-type: none"><li>Deworming</li><li>Provide dry bedding</li></ul>
Fish	-		<ul style="list-style-type: none"><li>Fingerlings - keep ready for introducing to the ponds,</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: 16<sup>th</sup> to 20<sup>th</sup> March 2019)

**No: AMFU-Basar/2019/22**

**Dated: Friday, 15<sup>th</sup> March 2019**



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 summary of the previous week	Weather forecast valid up to 20 <sup>th</sup> March 2019
Rainfall: 1.8 mm, Max. T: 26.3°C, Min. T: 11.3°C, Wind Speed: 4-6 km/h, RH: 49-95%, Wind Direction: NE & NNE	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-28.0°C and 17.0-20.0°C respectively. Expected morning and evening relative humidity will be 84-93% and 47-70% respectively. Wind direction is mainly WNW & NW with average wind speed range of 4.0-5.0 kmph.
Warning:	<b>Thunderstorm accompanied with gusty wind and lightning is very likely to occur at isolated places over Arunachal Pradesh.</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 Rice	Land preparation		<ul style="list-style-type: none"><li>❖ Arrangement of quality seeds,</li><li>❖ Make structures to avoid runoff in the slope,</li><li>❖ ICAR Basar recommends procuring quality seeds of Bhalum1,2,3 &amp; 4 in Jhum apart from the local varieties.</li></ul>
Maize	Sowing/ germination		<ul style="list-style-type: none"><li>❖ Procure good quality certified seeds,</li><li>❖ Seed treatment of early maize with Imidichloropid @ 1-2g/10kg is recommended before sowing.</li><li>❖ <b>Sowing recommended</b></li><li>❖ <b>Provide proper arrangement for drainage</b></li></ul>
Toria/ Mustard	Mature/ Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Harvesting of mature crop,</li><li>❖ Proper sun-drying of harvested crop</li><li>❖ <b>Spraying of dimethoate @ 2 ml per litre of water is advise during clear/dry days or using stickers</b></li></ul>
<b>EGETABLES</b>			
Cucurbits	Nursery/Sowing		<ul style="list-style-type: none"><li>❖ <b>Prepare nursery in shaded area</b></li><li>❖ <b>Procure quality seed from certified agency.</b></li><li>❖ <b>Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</b></li></ul>
French Bean	Sowing		<ul style="list-style-type: none"><li>❖ In present weather conditions, sowing of quality seeds may be done,</li><li>❖ Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"><li>❖ <b>Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days.</b></li><li>❖ <b>On clear weather or using sticker, against Blue &amp; Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.</b></li><li>❖ In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All Growth		<ul style="list-style-type: none"><li>❖ Provide less ventilation to avoid heat loss</li><li>❖ Keep cattle clean and dry so that they stay warm,</li><li>❖ Deworming</li></ul>
Pig	Pigs/ Piglets		<ul style="list-style-type: none"><li>❖ The bedding is always dry and that there is plenty.</li><li>❖ If possible wooden sleeping box should be provided.</li></ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			