



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

(Period: 4<sup>th</sup> to 8<sup>th</sup> August, 2018)

**No: AMFU-Basar/2018/62**

**Dated: Fri, 3<sup>rd</sup> August, 2018**



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 8 <sup>th</sup> August 2018
Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 51.4 mm; Kalaktang: 54.2 mm	<b>Mostly cloudy with possibility of light/moderate rain.</b> Daily maximum and minimum temperature for the following period is predicted to be 19-21°C and 15-16°C respectively. Expected morning and evening relative humidity will be 97-100% and 51-77% respectively. Wind direction is mainly WNW & E with average wind speed range of 2-5 kmph.
<b>Warning:</b>	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"><li>Go for fertilizer/manure applications during dry/clear days</li><li>Manual weeding advocated</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Carry out interculture operation and top dressing of urea in without delay</li><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li><li>❖ Foliar spray of urea</li></ul>
VEGETABLES			
Ladies Finger	Fruiting/ Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Dust ash powder against aphids</li><li>❖ Spraying of Imidacloprid 17.5 SL @ 1ml/ 10 litres of water is advised,</li><li>❖ Do weeding &amp; keep the crop free from weeds,</li></ul>
HORTICULTURAL CROPS			
Apple	Fruit stage		<ul style="list-style-type: none"><li>❖ Make arrangements for effective drainage of water in apple orchards. Also remove the grass in tree basins.</li><li>❖ In orchards where there are symptoms of Apple scab, give a spray of Myclobutanil @ 80g/200l of water.</li></ul>
Kiwi	Fruiting		<ul style="list-style-type: none"><li>❖ Weeding</li><li>❖ Avoid water stagnation around the crop,</li></ul>
Banana	Planting		<ul style="list-style-type: none"><li>❖ Macro-propagation technique in banana plant can be followed for quick multiplication of planting materials where the whole corn are cut into smaller bits after harvest of crops and planted in the nursery for regeneration.</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul style="list-style-type: none"><li>❖ Pig shed/stay should keep dry and avoid dampness,</li><li>❖ Avoid stagnant water near the shed,</li><li>❖ Vaccinate of healthy pigs with swine fever vaccine,</li><li>❖ Avoid contact with disease pigs,</li><li>❖ Quarantine new purchase piglets/pigs for atleast 1 month,</li><li>❖ Avoid of eating human excreta,</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: 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 8 <sup>th</sup> August 2018
Rainfall: 23.6 mm, Max. T: 28.3°C, Min. T: 20.4°C, Wind Speed: 3-6 km/h, RH: 74-91%, Wind Direction: Variable	<b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 28-31°C and 23°C respectively. Expected morning and evening relative humidity will be 83-97% and 49-72% respectively. Wind direction is mainly E & ESE with average wind speed range of 2-4 kmph.
Warning:	

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC normal sown)	Transplanting/ leaf elongation	Stem borer, gall midge and hoppers	<ul style="list-style-type: none"><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ <b>Donot delay weeding in WRC in order to enhance tillering and growth for higher yield.</b></li></ul>
Pulses	Vegetative	Blister beetle	<ul style="list-style-type: none"><li>❖ Go for manual picking of Blister beetle without delay, because the incidence of the past during flowering stage cause a huge lose leading to no harvest.</li></ul>
<b>VEGETABLES</b>			
Vegetables	Flowering/ Mature		<ul style="list-style-type: none"><li>❖ Basal dose application of fertilizers in vegetable crops, tuber-crops and Rhizomatous crops like ginger/turmeric followed by earthing up.</li></ul>
<b>HONEY BEES</b>			
Honey bees	All stages		<ul style="list-style-type: none"><li>❖ Good season for trapping/catching of local honey-bee colonies as this is the peak swarming season.</li><li>❖ Harvesting could be done or highly populated colonies should be divided.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Banana	Bunching		<ul style="list-style-type: none"><li>❖ Desuckering of banana to be done leaving one suckers per plant to maintain the health of mother plant.</li><li>❖ Remove the male flower in banana bunches to attain better finger/fruit size.</li></ul>
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>❖ Remove diseased part &amp; keep inflorescence clean.</li><li>❖ Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water.</li><li>❖ Uproot &amp; burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</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: ANJAW**

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

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
No weather summary available	<b>Mostly/partly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 19-21°C and 15-16°C respectively. Expected morning and evening relative humidity will be 99-100% and 58-64% respectively. Wind direction is mainly E & ESE with average wind speed range of 2-4 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Carry out interculture operation and top dressing of urea in without delay</li><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrphos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li><li>❖ Foliar spray of urea</li></ul>
<b>VEGETABLES</b>			
Ladies Finger	Fruiting/ Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Dust ash powder against aphids</li><li>❖ Spraying of Imidacloprid 17.5 SL @ 1ml/ 10 litres of water is advised,</li><li>❖ Do weeding &amp; keep the crop free from weeds,</li></ul>
<b>HORTICULTURAL CROPS</b>			
Apple	Fruit stage		<ul style="list-style-type: none"><li>❖ Make arrangements for effective drainage of water in apple orchards. Also remove the grass in tree basins.</li><li>❖ In orchards where there are symptoms of Apple scab, give a spray of Myclobutanil @ 80g/200l of water.</li></ul>
Kiwi	Fruiting		<ul style="list-style-type: none"><li>❖ Weeding</li><li>❖ Avoid water stagnation around the crop,</li></ul>
Banana	Planting		<ul style="list-style-type: none"><li>❖ Macro-propagation technique in banana plant can be followed for quick multiplication of planting materials where the whole corn are cut into smaller bits after harvest of crops and planted in the nursery for regeneration.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul style="list-style-type: none"><li>❖ Pig shed/stay should keep dry and avoid dampness,</li><li>❖ Avoid stagnant water near the shed,</li><li>❖ Vaccinate of healthy pigs with swine fever vaccine,</li><li>❖ Avoid contact with disease pigs,</li><li>❖ Quarantine new purchase piglets/pigs for atleast 1 month,</li><li>❖ Avoid of eating human excreta,</li></ul>
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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 8 <sup>th</sup> August 2018
Rainfall = Changlang: NA Miao: 5.2 mm	<b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 23°C respectively. Expected morning and evening relative humidity will be 96-100% and 52-72% respectively. Wind direction is mainly ESE & E with average wind speed range of 2-3 kmph.
<b>Warning:</b>	•

GENERAL RECOMMENDATIONS			
<b>On anticipation of heavy rainfall:</b>			
<ul style="list-style-type: none"><li>• Suspend all spray operations</li><li>• Do not go for fertilizer/manure applications</li><li>• Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (WRC normal sown)	Transplanting/ leaf elongation	Stem borer, gall midge and hoppers	<ul style="list-style-type: none"><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ <b>Donot delay weeding in WRC in order to enhance tillering and growth for higher yield.</b></li></ul>
Pulses	Vegetative	Blister beetle	<ul style="list-style-type: none"><li>❖ Go for manual picking of Blister beetle without delay, because the incidence of the past during flowering stage cause a huge lose leading to no harvest.</li></ul>
VEGETABLES			
Vegetables	Flowering/ Mature		<ul style="list-style-type: none"><li>❖ Basal dose application of fertilizers in vegetable crops, tuber-crops and Rhizomatous crops like ginger/turmeric followed by earthing up.</li></ul>
HONEY BEES			
Honey bees	All stages		<ul style="list-style-type: none"><li>❖ Good season for trapping/catching of local honey-bee colonies as this is the peak swarming season.</li><li>❖ Harvesting could be done or highly populated colonies should be divided.</li></ul>
HORTICULTURAL CROPS			
Banana	Bunching		<ul style="list-style-type: none"><li>❖ Desuckering of banana to be done leaving one suckers per plant to maintain the health of mother plant.</li><li>❖ Remove the male flower in banana bunches to attain better finger/fruit size.</li></ul>
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>❖ Remove diseased part &amp; keep inflorescence clean.</li><li>❖ Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water.</li><li>❖ Uproot &amp; burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li></ul>
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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 8 <sup>th</sup> August 2018
Rainfall = 3.0 mm (Anini)	<b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 20-21°C and 15-16°C respectively. Expected morning and evening relative humidity will be 97-99% and 57-75% respectively. Wind direction is mainly E & S with average wind speed range of 2-4 kmph.
<b>Warning:</b>	•

GENERAL RECOMMENDATIONS			
<b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>• Suspend all spray operations</li><li>• Do not go for fertilizer/manure applications</li><li>• Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Carry out interculture operation and top dressing of urea in without delay</li><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li><li>❖ Foliar spray of urea</li></ul>
VEGETABLES			
Ladies Finger	Fruiting/ Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Dust ash powder against aphids</li><li>❖ Spraying of Imidacloprid 17.5 SL @ 1ml/ 10 litres of water is advised,</li><li>❖ Do weeding &amp; keep the crop free from weeds,</li></ul>
HORTICULTURAL CROPS			
Apple	Fruit stage		<ul style="list-style-type: none"><li>❖ Make arrangements for effective drainage of water in apple orchards. Also remove the grass in tree basins.</li><li>❖ In orchards where there are symptoms of Apple scab, give a spray of Myclobutanil @ 80g/200l of water.</li></ul>
Kiwi	Fruiting		<ul style="list-style-type: none"><li>❖ Weeding</li><li>❖ Avoid water stagnation around the crop,</li></ul>
Banana	Planting		<ul style="list-style-type: none"><li>❖ Macro-propagation technique in banana plant can be followed for quick multiplication of planting materials where the whole corn are cut into smaller bits after harvest of crops and planted in the nursery for regeneration.</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul style="list-style-type: none"><li>❖ Pig shed/stay should keep dry and avoid dampness,</li><li>❖ Avoid stagnant water near the shed,</li><li>❖ Vaccinate of healthy pigs with swine fever vaccine,</li><li>❖ Avoid contact with disease pigs,</li><li>❖ Quarantine new purchase piglets/pigs for atleast 1 month,</li><li>❖ Avoid of eating human excreta,</li></ul>
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**ADVISORY FOR DISTRICT: EAST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
Rainfall = 51.6 mm	<b>Mostly cloudy with possibility of rather heavy to very heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 21°C respectively. Expected morning and evening relative humidity will be 97-100% and 57-70% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li></ul>
<b>VEGETABLES</b>			
Cucurbits	Mature		<ul style="list-style-type: none"><li>❖ On clear day apply basal dose of fertilizers followed by earthing up.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	All stages	Phytophthore disease/ citrus canker	<ul style="list-style-type: none"><li>❖ Removal of water shoots,</li><li>❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li><li>❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area,</li></ul>
Banana	All stages		<ul style="list-style-type: none"><li>❖ Removal of side suckers,</li><li>❖ Planting of new saplings may be done in present weather,</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li></ul>
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none"><li>❖ Vaccination is advocated against FMD</li><li>❖ Deworming with anthelmintic drugs like oxclozanide or pyrantel.</li></ul>
Fishery	All stages		<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
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**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 8 <sup>th</sup> August 2018
Rainfall: 45.1 mm; T. Max: 33.0°C; T. Min: 24.0°C ; RH: 89-100%	<b>Mostly cloudy with possibility of light to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 29-31°C and 23-24°C respectively. Expected morning and evening relative humidity will be 96-99% and 50-81% respectively. Wind direction is mainly variable with average wind speed range of 2 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC normal sown)	Transplanting/ leaf elongation	Stem borer, gall midge and hoppers	<ul style="list-style-type: none"><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ <b>Donot delay weeding in WRC in order to enhance tillering and growth for higher yield.</b></li></ul>
Pulses	Vegetative	Blister beetle	<ul style="list-style-type: none"><li>❖ Go for manual picking of Blister beetle without delay, because the incidence of the past during flowering stage cause a huge lose leading to no harvest.</li></ul>
<b>VEGETABLES</b>			
Vegetables	Flowering/ Mature		<ul style="list-style-type: none"><li>❖ Basal dose application of fertilizers in vegetable crops, tuber-crops and Rhizomatous crops like ginger/turmeric followed by earthing up.</li></ul>
<b>HONEY BEES</b>			
Honey bees	All stages		<ul style="list-style-type: none"><li>❖ Good season for trapping/catching of local honey-bee colonies as this is the peak swarming season.</li><li>❖ Harvesting could be done or highly populated colonies should be divided.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Banana	Bunching		<ul style="list-style-type: none"><li>❖ Desuckering of banana to be done leaving one suckers per plant to maintain the health of mother plant.</li><li>❖ Remove the male flower in banana bunches to attain better finger/fruit size.</li></ul>
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>❖ Remove diseased part &amp; keep inflorescence clean.</li><li>❖ Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water.</li><li>❖ Uproot &amp; burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</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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**District Level Agro-met Advisory Bulletin**  
**Arunachal Pradesh**



(Period: 4<sup>th</sup> to 8<sup>th</sup> August, 2018)

No: AMFU-Basar/2018/62

Dated: Fri, 3<sup>rd</sup> August, 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 8 <sup>th</sup> August 2018
Rainfall (Koloriang): 82.8 mm	<b>Mostly cloudy with possibility moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 19-21°C and 15-16°C respectively. Expected morning and evening relative humidity will be 85-94% and 60-74% respectively. Wind direction is mainly S & SE with average wind speed range of 3-5 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Carry out interculture operation and top dressing of urea in without delay</li><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li><li>❖ Foliar spray of urea</li></ul>
<b>VEGETABLES</b>			
Ladies Finger	Fruiting/ Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Dust ash powder against aphids</li><li>❖ Spraying of Imidacloprid 17.5 SL @ 1ml/ 10 litres of water is advised,</li><li>❖ Do weeding &amp; keep the crop free from weeds,</li></ul>
<b>HORTICULTURAL CROPS</b>			
Apple	Fruit stage		<ul style="list-style-type: none"><li>❖ Make arrangements for effective drainage of water in apple orchards. Also remove the grass in tree basins.</li><li>❖ In orchards where there are symptoms of Apple scab, give a spray of Myclobutanil @ 80g/200l of water.</li></ul>
Kiwi	Fruiting		<ul style="list-style-type: none"><li>❖ Weeding</li><li>❖ Avoid water stagnation around the crop,</li></ul>
Banana	Planting		<ul style="list-style-type: none"><li>❖ Macro-propagation technique in banana plant can be followed for quick multiplication of planting materials where the whole corn are cut into smaller bits after harvest of crops and planted in the nursery for regeneration.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul style="list-style-type: none"><li>❖ Pig shed/stay should keep dry and avoid dampness,</li><li>❖ Avoid stagnant water near the shed,</li><li>❖ Vaccinate of healthy pigs with swine fever vaccine,</li><li>❖ Avoid contact with disease pigs,</li><li>❖ Quarantine new purchase piglets/pigs for atleast 1 month,</li><li>❖ Avoid of eating human excreta,</li></ul>
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**ADVISORY FOR DISTRICT: LOHIT**

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
Rainfall: 8.4 mm (Tezu)	<b>Mostly cloudy with possibility of rather heavy to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 21°C respectively. Expected morning and evening relative humidity will be 99% and 64-74% respectively. Wind direction is mainly ENE & E with average wind speed range of 2-4 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC normal sown)	Transplanting/ leaf elongation	Stem borer, gall midge and hoppers	<ul style="list-style-type: none"><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ <b>Donot delay weeding in WRC in order to enhance tillering and growth for higher yield.</b></li></ul>
Pulses	Vegetative	Blister beetle	<ul style="list-style-type: none"><li>❖ Go for manual picking of Blister beetle without delay, because the incidence of the past during flowering stage cause a huge lose leading to no harvest.</li></ul>
<b>VEGETABLES</b>			
Vegetables	Flowering/ Mature		<ul style="list-style-type: none"><li>❖ Basal dose application of fertilizers in vegetable crops, tuber-crops and Rhizomatous crops like ginger/turmeric followed by earthing up.</li></ul>
<b>HONEY BEES</b>			
Honey bees	All stages		<ul style="list-style-type: none"><li>❖ Good season for trapping/catching of local honey-bee colonies as this is the peak swarming season.</li><li>❖ Harvesting could be done or highly populated colonies should be divided.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Banana	Bunching		<ul style="list-style-type: none"><li>❖ Desuckering of banana to be done leaving one suckers per plant to maintain the health of mother plant.</li><li>❖ Remove the male flower in banana bunches to attain better finger/fruit size.</li></ul>
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>❖ Remove diseased part &amp; keep inflorescence clean.</li><li>❖ Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water.</li><li>❖ Uproot &amp; burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li></ul>
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**ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY**

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
Rainfall (Roing): 0.0 mm	<b>Mostly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 21°C respectively. Expected morning and evening relative humidity will be 98-100% and 64-81% respectively. Wind direction is mainly ENE & ESE with average wind speed range of 2-4 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC normal sown)	Transplanting/ leaf elongation	Stem borer, gall midge and hoppers	<ul style="list-style-type: none"><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ <b>Donot delay weeding in WRC in order to enhance tillering and growth for higher yield.</b></li></ul>
Pulses	Vegetative	Blister beetle	<ul style="list-style-type: none"><li>❖ Go for manual picking of Blister beetle without delay, because the incidence of the past during flowering stage cause a huge lose leading to no harvest.</li></ul>
<b>VEGETABLES</b>			
Vegetables	Flowering/ Mature		<ul style="list-style-type: none"><li>❖ Basal dose application of fertilizers in vegetable crops, tuber-crops and Rhizomatous crops like ginger/turmeric followed by earthing up.</li></ul>
<b>HONEY BEES</b>			
Honey bees	All stages		<ul style="list-style-type: none"><li>❖ Good season for trapping/catching of local honey-bee colonies as this is the peak swarming season.</li><li>❖ Harvesting could be done or highly populated colonies should be divided.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Banana	Bunching		<ul style="list-style-type: none"><li>❖ Desuckering of banana to be done leaving one suckers per plant to maintain the health of mother plant.</li><li>❖ Remove the male flower in banana bunches to attain better finger/fruit size.</li></ul>
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>❖ Remove diseased part &amp; keep inflorescence clean.</li><li>❖ Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water.</li><li>❖ Uproot &amp; burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li></ul>

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**ADVISORY FOR DISTRICT: LOWER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
NA	Mostly cloudy with possibility of rather heavy to very heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 21°C respectively. Expected morning and evening relative humidity will be 92-98% and 54-73% respectively. Wind direction is mainly S & SSE with average wind speed range of 2-3 kmph.
Warning:	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Carry out interculture operation and top dressing of urea in without delay</li><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li></ul>
<b>VEGETABLES</b>			
Ladies Finger	Fruiting/ Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Dust ash powder against aphids</li><li>❖ Do weeding &amp; keep the crop free from weeds,</li></ul>
<b>HORTICULTURAL CROPS</b>			
Apple	Fruit stage		<ul style="list-style-type: none"><li>❖ Make arrangements for effective drainage of water in apple orchards. Also remove the grass in tree basins.</li><li>❖ In orchards where there are symptoms of Apple scab, give a spray of Myclobutanil @ 80g/200l of water during clear/dry days if infestation is high.</li></ul>
Kiwi	Fruiting		<ul style="list-style-type: none"><li>❖ Avoid weeding</li><li>❖ Avoid water stagnation around the crop,</li></ul>
Banana	Planting		<ul style="list-style-type: none"><li>❖ Macro-propagation technique in banana plant can be followed for quick multiplication of planting materials where the whole corn are cut into smaller bits after harvest of crops and planted in the nursery for regeneration.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul style="list-style-type: none"><li>❖ Pig shed/stay should keep dry and avoid dampness,</li><li>❖ Avoid stagnant water near the shed,</li><li>❖ Vaccinate of healthy pigs with swine fever vaccine,</li><li>❖ Avoid contact with disease pigs,</li><li>❖ Quarantine new purchase piglets/pigs for atleast 1 month,</li><li>❖ Avoid of eating human excreta,</li></ul>
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**ADVISORY FOR DISTRICT: PAPUM PARE**

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
Rainfall: 99.4 mm; T. Max: 32.0°C; T. Min: 22.0°C ; RH: 76-100%	<b>Mostly cloudy with possibility of moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 23°C respectively. Expected morning and evening relative humidity will be 95-99% and 54-88% respectively. Wind direction is mainly variable with average wind speed range of 2-3 kmph.
<b>Warning:</b>	•

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC normal sown)	Transplanting/ leaf elongation	Stem borer, gall midge and hoppers	<ul style="list-style-type: none"><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ <b>Donot delay weeding in WRC in order to enhance tillering and growth for higher yield.</b></li></ul>
Pulses	Vegetative	Blister beetle	<ul style="list-style-type: none"><li>❖ Go for manual picking of Blister beetle without delay, because the incidence of the past during flowering stage cause a huge lose leading to no harvest.</li></ul>
<b>VEGETABLES</b>			
Vegetables	Flowering/ Mature		<ul style="list-style-type: none"><li>❖ Basal dose application of fertilizers in vegetable crops, tuber-crops and Rhizomatous crops like ginger/turmeric followed by earthing up.</li></ul>
<b>HONEY BEES</b>			
Honey bees	All stages		<ul style="list-style-type: none"><li>❖ Good season for trapping/catching of local honey-bee colonies as this is the peak swarming season.</li><li>❖ Harvesting could be done or highly populated colonies should be divided.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Banana	Bunching		<ul style="list-style-type: none"><li>❖ Desuckering of banana to be done leaving one suckers per plant to maintain the health of mother plant.</li><li>❖ Remove the male flower in banana bunches to attain better finger/fruit size.</li></ul>
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>❖ Remove diseased part &amp; keep inflorescence clean.</li><li>❖ Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water.</li><li>❖ Uproot &amp; burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li></ul>
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**ADVISORY FOR DISTRICT: TAWANG**

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
Rainfall: 79.0 mm	<b>Mostly/partly cloudy with possibility of light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 15-17°C and 08-11°C respectively. Expected morning and evening relative humidity will be 82-90% and 44-69% respectively. Wind direction is mainly variable with average wind speed range of 2-4 kmph.
<b>Warning:</b>	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"><li>Go for fertilizer/manure applications during dry/clear days</li><li>Manual weeding advocated</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Carry out interculture operation and top dressing of urea in without delay</li><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li><li>❖ Foliar spray of urea</li></ul>
VEGETABLES			
Ladies Finger	Fruiting/ Harvesting	Aphid	<ul style="list-style-type: none"><li>❖ Dust ash powder against aphids</li><li>❖ Spraying of Imidacloprid 17.5 SL @ 1ml/ 10 litres of water is advised,</li><li>❖ Do weeding &amp; keep the crop free from weeds,</li></ul>
HORTICULTURAL CROPS			
Apple	Fruit stage		<ul style="list-style-type: none"><li>❖ Make arrangements for effective drainage of water in apple orchards. Also remove the grass in tree basins.</li><li>❖ In orchards where there are symptoms of Apple scab, give a spray of Myclobutanil @ 80g/200l of water.</li></ul>
Kiwi	Fruiting		<ul style="list-style-type: none"><li>❖ Weeding</li><li>❖ Avoid water stagnation around the crop,</li></ul>
Banana	Planting		<ul style="list-style-type: none"><li>❖ Macro-propagation technique in banana plant can be followed for quick multiplication of planting materials where the whole corn are cut into smaller bits after harvest of crops and planted in the nursery for regeneration.</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine Fever	<ul style="list-style-type: none"><li>❖ Pig shed/stay should keep dry and avoid dampness,</li><li>❖ Avoid stagnant water near the shed,</li><li>❖ Vaccinate of healthy pigs with swine fever vaccine,</li><li>❖ Avoid contact with disease pigs,</li><li>❖ Quarantine new purchase piglets/pigs for atleast 1 month,</li><li>❖ Avoid of eating human excreta,</li></ul>
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**ADVISORY FOR DISTRICT: TIRAP**

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
Rainfall: 0.0 mm	<b>Mostly cloudy with possibility light/moderate rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 23°C respectively. Expected morning and evening relative humidity will be 97-100% and 52-71% respectively. Wind direction is mainly SE & SSE with average wind speed range of 2-6 kmph.
<b>Warning:</b>	•

<b>GENERAL RECOMMENDATIONS</b>			
<ul style="list-style-type: none"><li>Go for fertilizer/manure applications during dry/clear days</li><li>Manual weeding advocated</li><li>Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Carry out interculture operation and top dressing of urea in without delay</li><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li><li>❖ Foliar spray of urea</li></ul>
Pulses/Ground nut	Flowering	Epicauta Bettle	<ul style="list-style-type: none"><li>❖ On clear sunny day, spray azadirachtin 0.15 EC@ 1 ml/lit against Epicauta settle in soybean</li></ul>
<b>VEGETABLES</b>			
Cucurbits	Mature		<ul style="list-style-type: none"><li>❖ On clear day apply basal dose of fertilizers followed by earthing up.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruiting	Fruit drop	<ul style="list-style-type: none"><li>❖ Spray carbendazim @ 1ml/lit of water</li><li>❖ Nutrient management to be followed along with foliar application of micronutrient / multiplex @0.2% to prevent fruit drop.</li></ul>
Banana	Bunching		<ul style="list-style-type: none"><li>❖ Desuckering of banana to be done leaving one suckers per plant to maintain the health of mother plant.</li><li>❖ Remove the male flower in banana bunches to attain better finger/fruit size.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li></ul>
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none"><li>❖ Vaccination is advocated against FMD</li><li>❖ Deworming with antihelmintic drugs like oxclozanide or pyrantel.</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: 4<sup>th</sup> to 8<sup>th</sup> August, 2018)

No: AMFU-Basar/2018/62

Dated: Fri, 3<sup>rd</sup> August, 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 8 <sup>th</sup> August 2018
Rainfall: 22.0 mm	<b>Mostly/partly cloudy with possibility of moderate to heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 19-21°C and 15-16°C respectively. Expected morning and evening relative humidity will be 84-97% and 50-71% respectively. Wind direction is mainly SSE & SE with average wind speed range of 2-3 kmph.
Warning:	

**GENERAL RECOMMENDATIONS**

**On anticipation of heavy rainfall:**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC normal sown)	Transplanting/ leaf elongation	Stem borer, gall midge and hoppers	<ul style="list-style-type: none"><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ <b>Donot delay weeding in WRC in order to enhance tillering and growth for higher yield.</b></li></ul>
Pulses	Vegetative	Blister beetle	<ul style="list-style-type: none"><li>❖ Go for manual picking of Blister beetle without delay, because the incidence of the past during flowering stage cause a huge lose leading to no harvest.</li></ul>
<b>VEGETABLES</b>			
Vegetables	Flowering/ Mature		<ul style="list-style-type: none"><li>❖ Basal dose application of fertilizers in vegetable crops, tuber-crops and Rhizomatous crops like ginger/turmeric followed by earthing up.</li></ul>
<b>HONEY BEES</b>			
Honey bees	All stages		<ul style="list-style-type: none"><li>❖ Good season for trapping/catching of local honey-bee colonies as this is the peak swarming season.</li><li>❖ Harvesting could be done or highly populated colonies should be divided.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Banana	Bunching		<ul style="list-style-type: none"><li>❖ Desuckering of banana to be done leaving one suckers per plant to maintain the health of mother plant.</li><li>❖ Remove the male flower in banana bunches to attain better finger/fruit size.</li></ul>
Large Cardamom	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	<ul style="list-style-type: none"><li>❖ Remove diseased part &amp; keep inflorescence clean.</li><li>❖ Need based spray of broad spectrum fungicide like carbendazim @2g/lit of water.</li><li>❖ Uproot &amp; burn virus infected plants / Spray Imidacloprid 17.8% SL @ 2ml/10 lit at 10-15 days interval.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li></ul>
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

**ADVISORY FOR DISTRICT: UPPER SUBANSIRI**

Weather summery of the previous week	Weather forecast valid up to 8 <sup>th</sup> August 2018
Daporijo: 6.0 mm	<b>Mostly/partly cloudy with possibility of moderate to rather heavy rainfall.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 21°C respectively. Expected morning and evening relative humidity will be 88-97% and 52-74% respectively. Wind direction is mainly E & ESE with average wind speed range of 2-3 kmph.
<b>Warning:</b>	•

<b>GENERAL RECOMMENDATIONS</b> <b>On anticipation of heavy rainfall:</b> <ul style="list-style-type: none"><li>• Suspend all spray operations</li><li>• Do not go for fertilizer/manure applications</li><li>• Proper drainage to all crop to avoid runoff</li></ul>			
<b>DETAILS OF ADVISORIES FOR THE PERIOD</b>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Rice (WRC)	Transplanting/ Active tillering	Gundhi bug/ stem borer/ gall midge/ hoppers	<ul style="list-style-type: none"><li>❖ Hang dead frog trap against Gundhi Bug in rice.</li><li>❖ Continue transplantation of rice from nursery bed to the main field. The uprooted seedlings should be washed and then the root portion is to be dipped in 0.02% solution of chlorpyrifos (1 ml/lit of water) along with 1% urea (10g/lit of water) for 3 hours to protect the seedlings from stem borer, gall midge and hoppers.</li><li>❖ Old seedling of 21-25 days with transplanting spacing of 15 cm X15 cm may be followed for late sown seedlings</li></ul>
Jhum rice (normal sown)	Flowering		<ul style="list-style-type: none"><li>❖ Maintain periphery of nursery field weed free and clean to prevent disease and pest harboring in weeds.</li></ul>
<b>VEGETABLES</b>			
Cucurbits	Mature		<ul style="list-style-type: none"><li>❖ On clear day apply basal dose of fertilizers followed by earthing up.</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	All stages	Phytophthore disease/ citrus canker	<ul style="list-style-type: none"><li>❖ Removal of water shoots,</li><li>❖ Intercropping of pulse (Soybean, rice bean etc) crop in the orchard,</li><li>❖ To protect the crop against attack of Phytophthora wilt, avoid stagnation of water in the cropped area,</li></ul>
Banana	All stages		<ul style="list-style-type: none"><li>❖ Removal of side suckers,</li><li>❖ Planting of new saplings may be done in present weather,</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"><li>❖ Vaccination in DOC against RD(F1) at 4-6 days old followed by booster dose after month.</li><li>❖ Deworm at regular interval</li><li>❖ Disinfecting the animal sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li></ul>
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none"><li>❖ Deworming with anthelmintic drugs like oxcyclozanide or pyrantel.</li></ul>
Fishery	All stages		<ul style="list-style-type: none"><li>❖ Application of quick lime is highly recommended in order to rectify water pH.</li><li>❖ Application of fish feed (mustard oil cake) is essential for achieving higher yield</li></ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			