



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



(Period: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39

Dated: Friday, 17th May 2019



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

ADVISORY FOR DISTRICT: WEST KAMENG

Weather summary of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall = Bomdila: 2.0 mm ; Bhalukpong: 1.8 mm; Kalaktang: 0.0 mm	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-27.0°C and 17.0-18.0°C respectively. Expected morning and evening relative humidity will be 87-92% and 52-59% respectively. Wind direction is mainly NW wind speed range of 7.0-7.3 kmph.
WARNING:	

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	<ul style="list-style-type: none">❖ Maintain adequate moisture level in the transplanted rice field,❖ Transplanting of seedlings may be done in well puddled WRC field,❖ Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer❖ Installation of Stem borer specific pheromone traps,❖ Manually collect and destruct any butterfly/moth found in the rice field,❖ For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,❖ Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation		<ul style="list-style-type: none">❖ On anticipation of rain, provide proper drainage❖ Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.❖ Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	<ul style="list-style-type: none">❖ Earthing up of germinated plants,❖ Sowing of certified seeds in well prepared hills may be done.❖ Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source❖ Seed treatment with copper fungicides to control damping off
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,
HORTICULTURAL CROPS			
Peach	Fruit maturing	Fruit Fly	<ul style="list-style-type: none">❖ Install fruit fly pheromone traps,❖ Collect and dispose off the fallen fruits.❖ Clean basin,
Orchards			<ul style="list-style-type: none">❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Guava	Bud initiation stage	--	<ul style="list-style-type: none">❖ Basin cleaning,❖ Water stagnation should be avoided,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.❖ Day old chick-Maintain warmth by lighting,
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 22 nd May 2019
Rainfall: 19.8 mm, Max. T: 27.2°C, Min. T: 16.7°C, Wind Speed: 3-4 km/h, RH: 85-98%, Wind Direction: SSW & WSW	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative humidity will be 93-94% and 51-60% respectively. Wind direction is mainly W & WNW with average wind speed range of 5.4-6.0 kmph.
Warning:	NIL

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
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none">❖ Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field.❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Knee height		<ul style="list-style-type: none">❖ Field should be weed free❖ Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none">❖ In terraces, bunding should be done to reduce nutrient losses in case of heavy rain.❖ On anticipation of rain, provide proper drainage❖ Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/brinjal	Vegetative/fruiting	Blight	<ul style="list-style-type: none">❖ Keep weed free and avoid water stagnation❖ Spraying of COC @ 2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none">❖ Keep orchard weed-free❖ terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/vegetative		<ul style="list-style-type: none">❖ Apply bio-mulch @ 10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none">❖ A two year old nursery suckers should be planted in the main field❖ Spacing of 1.8X1.8 m² to be maintained.❖ Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none">❖ Maintain strict hygiene and sanitation measure in the poultry farm
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,❖ Provide green grass to the animals as far as possible
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: ANJAW

{Hawai: Latitude: 28.22/ Longitude: 94.72/Altitude: 1296 m amsl}

Weather summary of the previous week	Weather forecast valid up to 22 nd May 2019
No weather summary available	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 26.0-27.0°C and 17-18.0°C respectively. Expected morning and evening relative humidity will be 80-88% and 44-57% respectively. Wind direction is mainly variable with average wind speed range of 7.0-8.1 kmph.
Warning:	❖ NIL

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
FIELD CROPS			
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	<ul style="list-style-type: none">❖ Maintain adequate moisture level in the transplanted rice field,❖ Transplanting of seedlings may be done in well puddled WRC field,❖ Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer❖ Installation of Stem borer specific pheromone traps,❖ Manually collect and destruct any butterfly/moth found in the rice field,❖ For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,❖ Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation		<ul style="list-style-type: none">❖ On anticipation of rain, provide proper drainage❖ Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.❖ Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	<ul style="list-style-type: none">❖ Earthing up of germinated plants,❖ Sowing of certified seeds in well prepared hills may be done.❖ Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source❖ Seed treatment with copper fungicides to control damping off❖ Application of raw cow dung should be avoided,
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,
HORTICULTURAL CROPS			
Peach	Fruit maturing	Fruit Fly	<ul style="list-style-type: none">❖ Install fruit fly pheromone traps,❖ Collect and dispose off the fallen fruits.❖ Clean basin,
Orchards			<ul style="list-style-type: none">❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Guava	Bud initiation stage	--	<ul style="list-style-type: none">❖ Basin cleaning,❖ Water stagnation should be avoided,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.❖ Day old chick-Maintain warmth by lighting,
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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 22 nd May 2019
Rainfall = Changlang: 32.4 mm Miao: 5.2 mm	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-29.0°C and 20.0-22.0°C respectively. Expected morning and evening relative humidity will be 77-91% and 37-52% respectively. Wind direction is mainly SSE with average wind speed range of 4.8-5.3 kmph.

Warning:

• **NIL**

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
- Right time for digging Jalkunds to harvest rainwater.

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none">❖ Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field.❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none">❖ In terraces, bunding should be done to reduce nutrient losses in case of heavy rain.❖ On anticipation of rain, provide proper drainage❖ Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	<ul style="list-style-type: none">❖ Keep weed free and avoid water stagnation❖ Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none">❖ Keep orchard weed-free❖ terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		<ul style="list-style-type: none">❖ Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none">❖ A two year old nursery suckers should be planted in the main field❖ Spacing of 1.8X1.8 m² to be maintained.❖ Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none">❖ Maintain strict hygiene and sanitation measure in the poultry farm❖ Deworming against coccidiosis,❖ Vaccination of new born chicks for Rani khet disease
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,❖ Provide green grass to the animals as far as possible
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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 22 nd May 2019
Rainfall = NA	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative humidity will be 91-94% and 53-57% respectively. Wind direction is mainly SE & ESE with average wind speed range of 7.3-8.1 kmph.
Warning:	<ul style="list-style-type: none">NIL

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
FIELD CROPS			
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	<ul style="list-style-type: none">❖ Maintain adequate moisture level in the transplanted rice field,❖ Transplanting of seedlings may be done in well puddled WRC field,❖ Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer❖ Installation of Stem borer specific pheromone traps,❖ Manually collect and destruct any butterfly/moth found in the rice field,❖ For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,❖ Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation		<ul style="list-style-type: none">❖ On anticipation of rain, provide proper drainage❖ Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.❖ Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	<ul style="list-style-type: none">❖ Earthing up of germinated plants,❖ Sowing of certified seeds in well prepared hills may be done.❖ Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source❖ Seed treatment with copper fungicides to control damping off
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,
HORTICULTURAL CROPS			
Peach	Fruit maturing	Fruit Fly	<ul style="list-style-type: none">❖ Install fruit fly pheromone traps,❖ Collect and dispose off the fallen fruits.❖ Clean basin,
Orchards			<ul style="list-style-type: none">❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Guava	Bud initiation stage	--	<ul style="list-style-type: none">❖ Basin cleaning,❖ Water stagnation should be avoided,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.❖ Day old chick-Maintain warmth by lighting,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: EAST KAMENG

Weather summary of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall =0.0 mm	Partly with possibility of moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 19.0-20.0°C respectively. Expected morning and evening relative humidity will be 83-90% and 50-55% respectively. Wind direction is mainly S & SSW with average wind speed range of 6.0-6.2 kmph.
Warning:	<ul style="list-style-type: none"> NIL

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
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Knee height		<ul style="list-style-type: none"> Field should be weed free Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none"> In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. On anticipation of rain, provide proper drainage Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	<ul style="list-style-type: none"> Keep weed free and avoid water stagnation Spraying of COC @ 2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none"> Keep orchard weed-free terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		<ul style="list-style-type: none"> Apply bio-mulch @ 10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none"> A two year old nursery suckers should be planted in the main field Spacing of 1.8X1.8 m² to be maintained. Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none"> Maintain strict hygiene and sanitation measure in the poultry farm Deworming against coccidiosis, Vaccination of new born chicks for Rani khet disease
Cattle/ Mithun	All Growth		<ul style="list-style-type: none"> Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Provide green grass to the animals as far as possible
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: EAST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall: 17.4 mm; T. Max: 31.0°C; T. Min: 20.0°C ; RH: 71-94%	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative humidity will be 84-90% and 42-51% respectively. Wind direction is mainly WSW & WNW with average wind speed range of 5.5-5.9 kmph.
Warning:	<ul style="list-style-type: none"> NIL

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
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> ❖ Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Knee height		<ul style="list-style-type: none"> ❖ Field should be weed free ❖ Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none"> ❖ In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. ❖ On anticipation of rain, provide proper drainage ❖ Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	<ul style="list-style-type: none"> ❖ Keep weed free and avoid water stagnation ❖ Spraying of COC @ 2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none"> ❖ Keep orchard weed-free ❖ terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		<ul style="list-style-type: none"> ❖ Apply bio-mulch @ 10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none"> ❖ A two year old nursery suckers should be planted in the main field ❖ Spacing of 1.8X1.8 m² to be maintained. ❖ Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none"> ❖ Maintain strict hygiene and sanitation measure in the poultry farm ❖ Deworming against coccidiosis, ❖ Vaccination of new born chicks for <i>Rani khet</i> disease
Cattle/ Mithun	All Growth		<ul style="list-style-type: none"> ❖ Vaccination with foot and mouth disease (FMD), ❖ Provide fodder supplement, ❖ Provide green grass to the animals as far as possible

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ADVISORY FOR DISTRICT: KURUNG KUMEY

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

Weather summery of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall (Koloriang): 14.1 mm	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 26.0-29.0°C and 18.0-21.0°C respectively. Expected morning and evening relative humidity will be 90-93% and 51-60% respectively. Wind direction is mainly W & WNW with average wind speed range of 5.9-6.6 kmph.
Warning:	<ul style="list-style-type: none">NIL

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">Monitor for possible attack of insects/pestsApplication of fertilizers/manure can be done during clear/dry daysProper drainage to all crop to avoid runoffCheck of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	<ul style="list-style-type: none">❖ Maintain adequate moisture level in the transplanted rice field,❖ Transplanting of seedlings may be done in well puddled WRC field,❖ Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer❖ Installation of Stem borer specific pheromone traps,❖ Manually collect and destruct any butterfly/moth found in the rice field,❖ For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,❖ Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation		<ul style="list-style-type: none">❖ On anticipation of rain, provide proper drainage❖ Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.❖ Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	<ul style="list-style-type: none">❖ Earthing up of germinated plants,❖ Sowing of certified seeds in well prepared hills may be done.❖ Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source❖ Seed treatment with copper fungicides to control damping off
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,
HORTICULTURAL CROPS			
Peach	Fruit maturing	Fruit Fly	<ul style="list-style-type: none">❖ Install fruit fly pheromone traps,❖ Collect and dispose off the fallen fruits.❖ Clean basin,
Orchards			<ul style="list-style-type: none">❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Guava	Bud initiation stage	--	<ul style="list-style-type: none">❖ Basin cleaning,❖ Water stagnation should be avoided,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.❖ Day old chick-Maintain warmth by lighting,
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
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Arunachal Pradesh



(Period: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39

Dated: Friday, 17th May 2019



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

ADVISORY FOR DISTRICT: LOHIT

Weather summary of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall: 16.4 mm (Tezu)	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-29.0°C and 21.0-22.0°C respectively. Expected morning and evening relative humidity will be 70-85% and 40-51% respectively. Wind direction is mainly NE & ENE average wind speed range of 6.5-7.3 kmph.
Warning	<ul style="list-style-type: none"> NIL

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
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> ❖ Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Knee height		<ul style="list-style-type: none"> ❖ Field should be weed free ❖ Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none"> ❖ In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. ❖ On anticipation of rain, provide proper drainage ❖ Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	<ul style="list-style-type: none"> ❖ Keep weed free and avoid water stagnation ❖ Spraying of COC @ 2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none"> ❖ Keep orchard weed-free ❖ terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		<ul style="list-style-type: none"> ❖ Apply bio-mulch @ 10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none"> ❖ A two year old nursery suckers should be planted in the main field ❖ Spacing of 1.8X1.8 m² to be maintained. ❖ Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none"> ❖ Maintain strict hygiene and sanitation measure in the poultry farm ❖ Deworming against coccidiosis, ❖ Vaccination of new born chicks for <i>Rani khet</i> disease
Cattle/ Mithun	All Growth		<ul style="list-style-type: none"> ❖ Vaccination with foot and mouth disease (FMD), ❖ Provide fodder supplement, ❖ Provide green grass to the animals as far as possible
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summary of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall (Roing): 64.9 mm	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative humidity will be 82-87% and 45-51% respectively. Wind direction is mainly SE & SSE with average wind speed range of 6.8-7.4 kmph.
Warning:	<ul style="list-style-type: none">NIL

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
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none">❖ Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field.❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Knee height		<ul style="list-style-type: none">❖ Field should be weed free❖ Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none">❖ In terraces, bunding should be done to reduce nutrient losses in case of heavy rain.❖ On anticipation of rain, provide proper drainage❖ Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	<ul style="list-style-type: none">❖ Keep weed free and avoid water stagnation❖ Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none">❖ Keep orchard weed-free❖ terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		<ul style="list-style-type: none">❖ Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none">❖ A two year old nursery suckers should be planted in the main field❖ Spacing of 1.8X1.8 m² to be maintained.❖ Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none">❖ Maintain strict hygiene and sanitation measure in the poultry farm❖ Deworming against coccidiosis,❖ Vaccination of new born chicks for <i>Rani khet</i> disease
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,❖ Provide green grass to the animals as far as possible
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 22 nd May 2019
Ziro: 11.2 mm	Mostly sunny/ Partly cloudy with possibility moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative humidity will be 91-94% and 53-65% respectively. Wind direction is mainly WNW & NW with average wind speed range of 4.8-5.6 kmph.
Warning:	<ul style="list-style-type: none">NIL

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
FIELD CROPS			
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	<ul style="list-style-type: none">Maintain adequate moisture level in the transplanted rice field,Transplanting of seedlings may be done in well puddled WRC field,Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borerInstallation of Stem borer specific pheromone traps,Manually collect and destruct any butterfly/moth found in the rice field,For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation		<ul style="list-style-type: none">On anticipation of rain, provide proper drainageFollow proper runoff management system to avoid loss of top soil due to heavy rainfall.Keep the surrounding clean/ weed-free to avoid disease/pest harboring

VEGETABLES

Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	<ul style="list-style-type: none">Earthing up of germinated plants,Sowing of certified seeds in well prepared hills may be done.Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light sourceSeed treatment with copper fungicides to control damping offApplication of raw cow dung should be avoided,
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	<ul style="list-style-type: none">Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,

HORTICULTURAL CROPS

Peach	Fruit maturing	Fruit Fly	<ul style="list-style-type: none">Install fruit fly pheromone traps,Collect and dispose off the fallen fruits.Clean basin,
Orchards			<ul style="list-style-type: none">Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Guava	Bud initiation stage	--	<ul style="list-style-type: none">Basin cleaning,Water stagnation should be avoided,

LIVESTOCKS

Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.Day old chick-Maintain warmth by lighting,

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ADVISORY FOR DISTRICT: PAPUM PARE

Weather summary of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall: 16.1 mm; T. Max: 30.0°C; T. Min: 21.0°C ; RH: 74-91%	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-30.0°C and 21.0-22.0°C respectively. Expected morning and evening relative humidity will be 87-95% and 60-68% respectively. Wind direction is mainly S with average wind speed range of 5.4-5.9 kmph.
Warning:	<ul style="list-style-type: none"> NIL

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
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> ❖ Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Knee height		<ul style="list-style-type: none"> ❖ Field should be weed free ❖ Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none"> ❖ In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. ❖ On anticipation of rain, provide proper drainage ❖ Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	<ul style="list-style-type: none"> ❖ Keep weed free and avoid water stagnation ❖ Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none"> ❖ Keep orchard weed-free ❖ terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		<ul style="list-style-type: none"> ❖ Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none"> ❖ A two year old nursery suckers should be planted in the main field ❖ Spacing of 1.8X1.8 m² to be maintained. ❖ Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none"> ❖ Maintain strict hygiene and sanitation measure in the poultry farm ❖ Deworming against coccidiosis, ❖ Vaccination of new born chicks for <i>Rani khet</i> disease
Cattle/ Mithun	All Growth		<ul style="list-style-type: none"> ❖ Vaccination with foot and mouth disease (FMD), ❖ Provide fodder supplement, ❖ Provide green grass to the animals as far as possible
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall: 18.0 mm	Mostly sunny with possibility of light rain. Daily maximum and minimum temperature for the following period is predicted to be 15.0-16.0°C and 6.0-7.0°C respectively. Expected morning and evening relative humidity will be 86-91% and 31-47% respectively. Wind direction is mainly SE & E with average wind speed range of 8.2-8.8 kmph.
Warning:	<ul style="list-style-type: none">NIL

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">Monitor for possible attack of insects/pestsApplication of fertilizers/manure can be done during clear/dry daysProper drainage to all crop to avoid runoffCheck of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
FIELD CROPS			
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	<ul style="list-style-type: none">❖ Maintain adequate moisture level in the transplanted rice field,❖ Transplanting of seedlings may be done in well puddled WRC field,❖ Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer❖ Installation of Stem borer specific pheromone traps,❖ Manually collect and destruct any butterfly/moth found in the rice field,❖ For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,❖ Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation		<ul style="list-style-type: none">❖ On anticipation of rain, provide proper drainage❖ Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.❖ Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	<ul style="list-style-type: none">❖ Earthing up of germinated plants,❖ Sowing of certified seeds in well prepared hills may be done.❖ Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source❖ Seed treatment with copper fungicides to control damping off❖ Application of raw cow dung should be avoided,
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,
HORTICULTURAL CROPS			
Peach	Fruit maturing	Fruit Fly	<ul style="list-style-type: none">❖ Install fruit fly pheromone traps,❖ Collect and dispose off the fallen fruits.❖ Clean basin,
Orchards			<ul style="list-style-type: none">❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Guava	Bud initiation stage	--	<ul style="list-style-type: none">❖ Basin cleaning,❖ Water stagnation should be avoided,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.❖ Day old chick-Maintain warmth by lighting,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: TIRAP

Weather summery of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall: NA	Partly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative humidity will be 83-87% and 48-60% respectively. Wind direction is mainly SSE & S with average wind speed range of 4.1-4.7 kmph.
Warning:	<ul style="list-style-type: none">NIL

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
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none">❖ Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field.❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Knee height		<ul style="list-style-type: none">❖ Field should be weed free❖ Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none">❖ In terraces, bunding should be done to reduce nutrient losses in case of heavy rain.❖ On anticipation of rain, provide proper drainage❖ Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	<ul style="list-style-type: none">❖ Keep weed free and avoid water stagnation❖ Spraying of COC @ 2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none">❖ Keep orchard weed-free❖ terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		<ul style="list-style-type: none">❖ Apply bio-mulch @ 10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none">❖ A two year old nursery suckers should be planted in the main field❖ Spacing of 1.8X1.8 m² to be maintained.❖ Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none">❖ Maintain strict hygiene and sanitation measure in the poultry farm
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,❖ Provide green grass to the animals as far as possible
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 22 nd May 2019
Rainfall: 0.0 mm	Mostly sunny with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 26.0-27.0°C and 18.0-19.0°C respectively. Expected morning and evening relative humidity will be 91-93% and 50-57% respectively. Wind direction is mainly S & SSW with average wind speed range of 6.0-6.6 kmph.
Warning:	<ul style="list-style-type: none">NIL

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">Monitor for possible attack of insects/pestsApplication of fertilizers/manure can be done during clear/dry daysProper drainage to all crop to avoid runoffCheck of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	<ul style="list-style-type: none">❖ Maintain adequate moisture level in the transplanted rice field,❖ Transplanting of seedlings may be done in well puddled WRC field,❖ Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer❖ Installation of Stem borer specific pheromone traps,❖ Manually collect and destruct any butterfly/moth found in the rice field,❖ For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval,❖ Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation		<ul style="list-style-type: none">❖ On anticipation of rain, provide proper drainage❖ Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.❖ Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	<ul style="list-style-type: none">❖ Earthing up of germinated plants,❖ Sowing of certified seeds in well prepared hills may be done.❖ Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source❖ Seed treatment with copper fungicides to control damping off❖ Application of raw cow dung should be avoided,
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,
HORTICULTURAL CROPS			
Peach	Fruit maturing	Fruit Fly	<ul style="list-style-type: none">❖ Install fruit fly pheromone traps,❖ Collect and dispose off the fallen fruits.❖ Clean basin,
Orchards			<ul style="list-style-type: none">❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Guava	Bud initiation stage	--	<ul style="list-style-type: none">❖ Basin cleaning,❖ Water stagnation should be avoided,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.❖ Day old chick-Maintain warmth by lighting,
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: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39

Dated: Friday, 17th May 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 22 nd May 2019
Daporijo: 12.4 mm	Partly cloudy with possibility of moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-29.0°C and 19.0-20.0°C respectively. Expected morning and evening relative humidity will be 91-94% and 53-62% respectively. Wind direction is mainly WNW & NW with average wind speed range of 5.8 -6.5 kmph.
Warning:	<ul style="list-style-type: none"> NIL

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
FIELD CROPS			
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> ❖ Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Maize	Knee height		<ul style="list-style-type: none"> ❖ Field should be weed free ❖ Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/upland rice	Leaf elongation		<ul style="list-style-type: none"> ❖ In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. ❖ On anticipation of rain, provide proper drainage ❖ Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLES			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	<ul style="list-style-type: none"> ❖ Keep weed free and avoid water stagnation ❖ Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULTURAL CROPS			
Citrus	Flowering		<ul style="list-style-type: none"> ❖ Keep orchard weed-free ❖ terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		<ul style="list-style-type: none"> ❖ Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		<ul style="list-style-type: none"> ❖ A two year old nursery suckers should be planted in the main field ❖ Spacing of 1.8X1.8 m² to be maintained. ❖ Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		<ul style="list-style-type: none"> ❖ Maintain strict hygiene and sanitation measure in the poultry farm ❖ Deworming against coccidiosis,
Cattle/ Mithun	All Growth		<ul style="list-style-type: none"> ❖ Vaccination with foot and mouth disease (FMD), ❖ Provide fodder supplement, ❖ Provide green grass to the animals as far as possible
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			