



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



(Period: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: TIRAP

Weather summery of the previous week	Weather forecast valid up to 15 th 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 24.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 85-88% and 47-57% respectively. Wind direction is mainly SSE & SE with average wind speed range of 3.5-4.8 kmph.
Warning:	<ul style="list-style-type: none"> Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing. ❖ 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 field	Sowing/germination		<ul style="list-style-type: none"> ❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. ❖ Adequate arrangement to avoid runoff. ❖ Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none"> ❖ Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated ❖ Earthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none"> ❖ Planting of new seedlings procured from certified source, ❖ Pruning of water suckers, ❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, ❖ Constant monitoring of new buds of the crop for probable attack of aphid, ❖ Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none"> ❖ Deworming of animals under supervision of registered practitioner, ❖ Iron supplements to piglets,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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 15 th May 2019
Rainfall: 58.6 mm	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-26.0°C and 19.0-20.0°C respectively. Expected morning and evening relative humidity will be 91-92% and 50-71% respectively. Wind direction is mainly variable with average wind speed range of 5.6-6.6 kmph.
Warning:	<ul style="list-style-type: none">Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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			
<i>Jhum</i> field			<ul style="list-style-type: none">Avoid sowing in case of heavy rain.Proper arrangement to avoid run-off
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	<ul style="list-style-type: none">Provide proper drainage facility in the crop fieldLight interculture operations in case of no rainSowing of treated seeds may be done,Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	<ul style="list-style-type: none">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,
VEGETABLES			
French Bean, black gram, green gram.	Sowing and germination	Cut worm	<ul style="list-style-type: none">In view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in <i>Jhum</i> areas at recommended spacing may be done,Earthing up of already sown crop,Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source
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,
HORTICULTURAL CROPS			
Orange	Fruiting		<ul style="list-style-type: none">Manual removal of lichens, mosses and any epiphytes from tree trunkConstant monitoring of new buds for probable attack of aphids
Pineapple	Planting	---	<ul style="list-style-type: none">Planting of new suckers may be done during the week,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Rabit	All stages		<ul style="list-style-type: none">Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">Vaccination with foot and mouth disease (FMD),Provide fodder supplement,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th 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 15 th May 2019
Daporijo: 9.8 mm	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-27.0°C and 19.0-20.0°C respectively. Expected morning and evening relative humidity will be 91-94% and 50-70% respectively. Wind direction is mainly S & NW with average wind speed range of 5.3 -6.1 kmph.
Warning:	<ul style="list-style-type: none"> Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing. ❖ 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 field	Sowing/germination		<ul style="list-style-type: none"> ❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. ❖ Adequate arrangement to avoid runoff. ❖ Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none"> ❖ Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated ❖ Earthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none"> ❖ Planting of new seedlings procured from certified source, ❖ Pruning of water suckers, ❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, ❖ Constant monitoring of new buds of the crop for probable attack of aphid, ❖ Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none"> ❖ Deworming of animals under supervision of registered practitioner, ❖ Iron supplements to piglets,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall = Bomdila: NA ; Bhalukpong: 12.0 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 24.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 89-92% and 54-63% respectively. Wind direction is mainly NNW & NW wind speed range of 6.6-8.4 kmph.
WARNING:	Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• 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			
<i>Jhum</i> field			<ul style="list-style-type: none">❖ Avoid sowing in case of heavy rain.❖ Proper arrangement to avoid run-off
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	<ul style="list-style-type: none">❖ Provide proper drainage facility in the crop field❖ Light interculture operations in case of no rain❖ Sowing of treated seeds may be done,❖ Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	<ul style="list-style-type: none">❖ 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,
VEGETABLES			
French Bean, black gram, green gram.	Sowing and germination	Cut worm	<ul style="list-style-type: none">❖ In view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in <i>Jhum</i> areas at recommended spacing may be done,❖ Earthing up of already sown crop,❖ Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source
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,
HORTICULTURAL CROPS			
Banana	---	---	<ul style="list-style-type: none">❖ New planting may be done during the week,❖ Earthing up followed by fertilizer application,
Orange	Fruiting		<ul style="list-style-type: none">❖ Manual removal of lichens, mosses and any epiphytes from tree trunk❖ Constant monitoring of new buds for probable attack of aphids
Pineapple	Planting	---	<ul style="list-style-type: none">❖ Planting of new suckers may be done during the week,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Rabit	All stages		<ul style="list-style-type: none">❖ Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: WEST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall: 18.8 mm, Max. T: 21.5°C, Min. T: 16.0°C, Wind Speed: 3-4 km/h, RH: 75-98%, Wind Direction: WSW & SSE	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 92-95% and 47-70% respectively. Wind direction is mainly WNW & NW with average wind speed range of 5.3-6.2 kmph.
Warning:	Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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">❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing.❖ 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 field	Sowing/germination		<ul style="list-style-type: none">❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.❖ Adequate arrangement to avoid runoff.❖ Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none">❖ Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated❖ Earthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none">❖ Planting of new seedlings procured from certified source,❖ Pruning of water suckers,❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches,❖ Constant monitoring of new buds of the crop for probable attack of aphid,❖ Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none">❖ Deworming of animals under supervision of registered practitioner,❖ Iron supplements to piglets,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: ANJAW

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

Weather summery of the previous week	Weather forecast valid up to 1 th May 2019
No weather summary available	Partly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 67-87% and 41-62% respectively. Wind direction is mainly SE & SSE with average wind speed range of 6.3-9.3 kmph.
Warning:	❖ Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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			
Jhum field			<ul style="list-style-type: none">❖ Avoid sowing in case of heavy rain.❖ Proper arrangement to avoid run-off
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	<ul style="list-style-type: none">❖ Provide proper drainage facility in the crop field❖ Light interculture operations in case of no rain❖ Sowing of treated seeds may be done,❖ Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	<ul style="list-style-type: none">❖ 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,
VEGETABLES			
French Bean, black gram, green gram.	Sowing and germination	Cut worm	<ul style="list-style-type: none">❖ In view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in Jhum areas at recommended spacing may be done,❖ Earthing up of already sown crop,❖ Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source
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,
HORTICULTURAL CROPS			
Banana	---	---	<ul style="list-style-type: none">❖ New planting may be done during the week,❖ Earthing up followed by fertilizer application,
Orange	Fruiting		<ul style="list-style-type: none">❖ Manual removal of lichens, mosses and any epiphytes from tree trunk❖ Constant monitoring of new buds for probable attack of aphids
Pineapple	Planting	---	<ul style="list-style-type: none">❖ Planting of new suckers may be done during the week,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Rabit	All stages		<ul style="list-style-type: none">❖ Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall = Changlang: 9.2 mm Miao: 19.0 mm	Partly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 24.0-26.0°C and 19.0-20.0°C respectively. Expected morning and evening relative humidity will be 79-85% and 40-48% respectively. Wind direction is mainly SE & SSE with average wind speed range of 4.0-5.5 kmph.

Warning:

- Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh**

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">❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing.❖ 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 field	Sowing/germination		<ul style="list-style-type: none">❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.❖ Adequate arrangement to avoid runoff.❖ Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none">❖ Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated❖ Earthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none">❖ Planting of new seedlings procured from certified source,❖ Pruning of water suckers,❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches,❖ Constant monitoring of new buds of the crop for probable attack of aphid,❖ Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none">❖ Deworming of animals under supervision of registered practitioner,❖ Iron supplements to piglets,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY

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

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall = 66.0 mm	Mostly/partly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 92-95% and 58-81% respectively. Wind direction is mainly E & ESE with average wind speed range of 6.7-8.1 kmph.
Warning:	<ul style="list-style-type: none">Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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			
<i>Jhum</i> field			<ul style="list-style-type: none">❖ Avoid sowing in case of heavy rain.❖ Proper arrangement to avoid run-off
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	<ul style="list-style-type: none">❖ Provide proper drainage facility in the crop field❖ Light interculture operations in case of no rain❖ Sowing of treated seeds may be done,❖ Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	<ul style="list-style-type: none">❖ 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,
VEGETABLES			
French Bean, black gram, green gram.	Sowing and germination	Cut worm	<ul style="list-style-type: none">❖ In view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in <i>Jhum</i> areas at recommended spacing may be done,❖ Earthing up of already sown crop,❖ Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source
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,
HORTICULTURAL CROPS			
Orange	Fruiting		<ul style="list-style-type: none">❖ Manual removal of lichens, mosses and any epiphytes from tree trunk❖ Constant monitoring of new buds for probable attack of aphids
Pineapple	Planting	---	<ul style="list-style-type: none">❖ Planting of new suckers may be done during the week,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Rabit	All stages		<ul style="list-style-type: none">❖ Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: EAST KAMENG

Weather summary of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall =0.4 mm	Partly/mostly cloudy with possibility of moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 20.0°C respectively. Expected morning and evening relative humidity will be 89-93% and 52-63% respectively. Wind direction is mainly S & SSE with average wind speed range of 5.8-6.7 kmph.
Warning:	<ul style="list-style-type: none">Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

GENERAL RECOMMENDATIONS⁶

- 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">Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing.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 field	Sowing/germination		<ul style="list-style-type: none">Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.Adequate arrangement to avoid runoff.Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none">Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocatedEarthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none">Planting of new seedlings procured from certified source,Pruning of water suckers,Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches,Constant monitoring of new buds of the crop for probable attack of aphid,Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none">Deworming of animals under supervision of registered practitioner,Iron supplements to piglets,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: EAST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall: 40.0 mm; T. Max: 23.0°C; T. Min: 20.0°C ; RH: 67-96%	Partly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-25.0°C and 19.0-20.0°C respectively. Expected morning and evening relative humidity will be 86-93% and 47-67% respectively. Wind direction is mainly WSW & SW with average wind speed range of 5.1-6.9 kmph.
Warning:	<ul style="list-style-type: none">Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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">❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing.❖ 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 field	Sowing/germination		<ul style="list-style-type: none">❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.❖ Adequate arrangement to avoid runoff.❖ Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none">❖ Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated❖ Earthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none">❖ Planting of new seedlings procured from certified source,❖ Pruning of water suckers,❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches,❖ Constant monitoring of new buds of the crop for probable attack of aphid,❖ Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none">❖ Deworming of animals under supervision of registered practitioner,❖ Iron supplements to piglets,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: KURUNG KUMEY

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

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall (Koloriang): NA	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 90-94% and 54-71% respectively. Wind direction is mainly W & SW with average wind speed range of 5.7-6.4 kmph.
Warning:	<ul style="list-style-type: none">Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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			
<i>Jhum</i> field			<ul style="list-style-type: none">❖ Avoid sowing in case of heavy rain.❖ Proper arrangement to avoid run-off
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	<ul style="list-style-type: none">❖ Provide proper drainage facility in the crop field❖ Light interculture operations in case of no rain❖ Sowing of treated seeds may be done,❖ <u>Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups</u>
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	<ul style="list-style-type: none">❖ 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,
VEGETABLES			
French Bean, black gram, green gram.	Sowing and germination	Cut worm	<ul style="list-style-type: none">❖ In view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in <i>Jhum</i> areas at recommended spacing may be done,❖ Earthing up of already sown crop,❖ Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source
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,
HORTICULTURAL CROPS			
Orange	Fruiting		<ul style="list-style-type: none">❖ Manual removal of lichens, mosses and any epiphytes from tree trunk❖ Constant monitoring of new buds for probable attack of aphids
Pineapple	Planting	---	<ul style="list-style-type: none">❖ Planting of new suckers may be done during the week,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Rabit	All stages		<ul style="list-style-type: none">❖ Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: LOHIT

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall: 44.2 mm (Tezu)	Partly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 65-82% and 44-57% respectively. Wind direction is mainly E & NE average wind speed range of 6.1-7.7 kmph.
Warning	<ul style="list-style-type: none"> Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing. ❖ 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 field	Sowing/germination		<ul style="list-style-type: none"> ❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. ❖ Adequate arrangement to avoid runoff. ❖ Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none"> ❖ Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated ❖ Earthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none"> ❖ Planting of new seedlings procured from certified source, ❖ Pruning of water suckers, ❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, ❖ Constant monitoring of new buds of the crop for probable attack of aphid, ❖ Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none"> ❖ Deworming of animals under supervision of registered practitioner, ❖ Iron supplements to piglets,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summary of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall (Roing): 64.5 mm	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 83-92% and 52-68% respectively. Wind direction is mainly variable with average wind speed range of 6.4-7.6 kmph.
Warning:	<ul style="list-style-type: none">Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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">❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing.❖ 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 field	Sowing/germination		<ul style="list-style-type: none">❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility.❖ Adequate arrangement to avoid runoff.❖ Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none">❖ Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated❖ Earthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none">❖ Planting of new seedlings procured from certified source,❖ Pruning of water suckers,❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches,❖ Constant monitoring of new buds of the crop for probable attack of aphid,❖ Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none">❖ Deworming of animals under supervision of registered practitioner,❖ Iron supplements to piglets,
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
(Period: 11th to 15th May 2019)



No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Ziro: 17.8 mm	Partly/mostly cloudy with possibility moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-24.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 91-97% and 56-82% respectively. Wind direction is mainly NW with average wind speed range of 4.3-6.1 kmph.
Warning:	<ul style="list-style-type: none">Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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			
Jhum field			<ul style="list-style-type: none">❖ Avoid sowing in case of heavy rain.❖ Proper arrangement to avoid run-off
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	<ul style="list-style-type: none">❖ Provide proper drainage facility in the crop field❖ Light interculture operations in case of no rain❖ Sowing of treated seeds may be done,❖ Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	<ul style="list-style-type: none">❖ 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,
VEGETABLES			
French Bean, black gram, green gram.	Sowing and germination	Cut worm	<ul style="list-style-type: none">❖ In view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in Jhum areas at recommended spacing may be done,❖ Earthing up of already sown crop,❖ Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source
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,
HORTICULTURAL CROPS			
Banana	---	---	<ul style="list-style-type: none">❖ New planting may be done during the week,❖ Earthing up followed by fertilizer application,
Orange	Fruiting		<ul style="list-style-type: none">❖ Manual removal of lichens, mosses and any epiphytes from tree trunk❖ Constant monitoring of new buds for probable attack of aphids
Pineapple	Planting	---	<ul style="list-style-type: none">❖ Planting of new suckers may be done during the week,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Rabit	All stages		<ul style="list-style-type: none">❖ Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall: 84.2 mm; T. Max: 25.0°C; T. Min: 20.0°C ; RH: 84-94%	Partly/mostly cloudy with possibility of moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 20.0°C respectively. Expected morning and evening relative humidity will be 85-95% and 59-72% respectively. Wind direction is mainly SSE & SSW with average wind speed range of 5.0-5.8 kmph.
Warning:	<ul style="list-style-type: none"> Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyrifos 20% EC (2ml in 10 litres of water) solution before sowing. ❖ 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 field	Sowing/germination		<ul style="list-style-type: none"> ❖ Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. ❖ Adequate arrangement to avoid runoff. ❖ Check the already sown site of vegetables and re-sowing is advocated in case of failure due to heavy rain last week.
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,
French bean/black gram/green gram	Sowing/Vegetative		<ul style="list-style-type: none"> ❖ Sowing of treated seed @ 2 seed per hill in traces and in Jhum field at recommended spacing advocated ❖ Earthing up of already sown or germinated crop recommended.
HORTICULTURAL CROPS			
Orange	Fruiting	Aphid	<ul style="list-style-type: none"> ❖ Planting of new seedlings procured from certified source, ❖ Pruning of water suckers, ❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, ❖ Constant monitoring of new buds of the crop for probable attack of aphid, ❖ Basin cleaning,
LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Pigs/ Piglets		<ul style="list-style-type: none"> ❖ Deworming of animals under supervision of registered practitioner, ❖ Iron supplements to piglets,
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: 11th to 15th May 2019)

No: AMFU-Basar/2019/37

Dated: Friday, 10th May 2019



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

ADVISORY FOR DISTRICT: TAWANG

Weather summery of the previous week	Weather forecast valid up to 15 th May 2019
Rainfall: 19.0 mm	Partly cloudy with possibility of light rain. Daily maximum and minimum temperature for the following period is predicted to be 14.0-15.0°C and 5.0-6.0°C respectively. Expected morning and evening relative humidity will be 68-92% and 34-47% respectively. Wind direction is mainly S & SSW with average wind speed range of 7.8-10.4 kmph.
Warning:	<ul style="list-style-type: none">Heavy rainfall is likely to occur at isolated places over Arunachal Pradesh

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			
Jhum field			<ul style="list-style-type: none">❖ Avoid sowing in case of heavy rain.❖ Proper arrangement to avoid run-off
Maize	Sowing/ Vegetative	Leaf feeding caterpillars	<ul style="list-style-type: none">❖ Provide proper drainage facility in the crop field❖ Light interculture operations in case of no rain❖ Sowing of treated seeds may be done,❖ Monitor against leaf feeding caterpillars. These are the army worm which feeds in groups
Rice (WRC) Early sown crop	Nursery Preparation and transplanting	Yellow stem borer	<ul style="list-style-type: none">❖ 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,
VEGETABLES			
French Bean, black gram, green gram.	Sowing and germination	Cut worm	<ul style="list-style-type: none">❖ In view of clear weather ahead sowing of treated seeds @ 2 seeds per hill in traces and in Jhum areas at recommended spacing may be done,❖ Earthing up of already sown crop,❖ Protection of seeds from cut worm by application of Carbofuran. Also caterpillars may be manually collected in the dusk hours in the crop field using a light source
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,
HORTICULTURAL CROPS			
Banana	---	---	<ul style="list-style-type: none">❖ New planting may be done during the week,❖ Earthing up followed by fertilizer application,
Orange	Fruiting		<ul style="list-style-type: none">❖ Manual removal of lichens, mosses and any epiphytes from tree trunk❖ Constant monitoring of new buds for probable attack of aphids
Pineapple	Planting	---	<ul style="list-style-type: none">❖ Planting of new suckers may be done during the week,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Rabit	All stages		<ul style="list-style-type: none">❖ Deworming with anti-coccidiosis drugs,
Cattle/ Mithun	All Growth		<ul style="list-style-type: none">❖ Vaccination with foot and mouth disease (FMD),❖ Provide fodder supplement,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			