



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



(Period: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Daporijo: 6.6 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 33.0-34.0°C and 25.0-26.0°C respectively. Expected morning and evening relative humidity will be 93-97% and 57-81% respectively. Wind direction is mainly variable with average wind speed range of 3.7 -5.4 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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. ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. ❖ Spray chlorpyrifos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Follow seedling root-dip treatment in chlorpyrifos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none"> ❖ In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields ❖ Make structures to avoid runoff in the slope, ❖ Install yellow stem borer pheromone traps to trap the adults, ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none"> ❖ Monitor the crop against attack of insect pests, ❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, ❖ Make proper drainage in the crop field,

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

Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	<ul style="list-style-type: none"> ❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. ❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus. ❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
---------------------------	----------	----------------------------------	---

❖ **LIVESTOCK and POULTRY**

Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none"> ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	❖ External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Rainfall = Bomdila: NA ; Bhalukpong: 14.8 mm; Kalaktang: 5.5 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 24.0-25.0°C and 18.0-19.0°C respectively. Expected morning and evening relative humidity will be 92-97% and 56-86% respectively. Wind direction is mainly variable wind speed range of 4.9-6.2 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	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	<ul style="list-style-type: none">❖ Follow seedling root-dip treatment in chlorpyrifos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice❖ 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❖ 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/ tillering	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ 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			
Tomato, Chilli	Vegetative/ Harvesting	Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,❖ Do not irrigate on the leaves of the plant grown under protected environment
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">❖ Collection and deep burying of infected fruit. Installation of pheromone traps.
HORTICULTURAL CROPS			
Citrus	Fruiting	Citrus canker	<ul style="list-style-type: none">❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
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.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		<ul style="list-style-type: none">❖ Lamb/kid survival may be increased by adopting a sound pre-breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Rainfall: 5.8 mm, Max. T: 31.4°C, Min. T: 19.3°C, Wind Speed: 2-4 km/h, RH: 56-98%, Wind Direction: WNW	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-26.0°C and 18.0-20.0°C respectively. Expected morning and evening relative humidity will be 94-96% and 57-79% respectively. Wind direction is mainly W & WSW with average wind speed range of 4.0-4.8 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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.❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ Spray chlorpyriphos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none">❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to trap the adults,❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none">❖ Monitor the crop against attack of insect pests,❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,❖ Make proper drainage in the crop field,
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			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	<ul style="list-style-type: none">❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water.❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus.❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
❖ LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none">❖ Vaccinate against swine fever,❖ Avoid of eating human excreta,❖ Provide ad libitum water,❖ Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	<ul style="list-style-type: none">❖ External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 2019



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

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 12 th June 2019
No weather summary available	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-26.0°C and 19-20.0°C respectively. Expected morning and evening relative humidity will be 89-91% and 58-72% respectively. Wind direction is mainly ESE & E with average wind speed range of 4.4-6.2 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	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	<ul style="list-style-type: none"> ❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice ❖ 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 ❖ 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/ tillering	Leaf blast/ leaf spot	<ul style="list-style-type: none"> ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. ❖ 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			
Tomato, Chilli	Vegetative/ Harvesting	Late blight	<ul style="list-style-type: none"> ❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water, ❖ Do not irrigate on the leaves of the plant grown under protected environment
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	❖ Collection and deep burying of infected fruit. Installation of pheromone traps.
HORTICULTURAL CROPS			
Citrus	Fruiting	Citrus canker	❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
Orchards			❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		❖ Lamb/kid survival may be increased by adopting a sound pre-breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Rainfall = Changlang: 0.0 mm Miao: 41.2 mm	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 31.0-33.0°C and 24.0-26.0°C respectively. Expected morning and evening relative humidity will be 93-98% and 55-92% respectively. Wind direction is mainly SSE & ESE with average wind speed range of 2.5-4.2 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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.❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ Spray chlorpyriphos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none">❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to trap the adults,❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none">❖ Monitor the crop against attack of insect pests,❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,❖ Make proper drainage in the crop field,
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			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests	<ul style="list-style-type: none">❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water.❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus.
❖ LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none">❖ Vaccinate against swine fever,❖ Avoid of eating human excreta,❖ Provide ad libitum water,❖ Deworming of piglets after 2 months,
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Rainfall = 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 28.0-30.0°C and 23.0-24.0°C respectively. Expected morning and evening relative humidity will be 93-96% and 59-83% respectively. Wind direction is mainly ESE & E with average wind speed range of 4.6-7.0 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	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	<ul style="list-style-type: none">❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice❖ Maintain adequate moisture level in the transplanted rice field,❖ Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer❖ 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/ tillering	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ 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			
Tomato, Chilli	Vegetative/ Harvesting	Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,❖ Do not irrigate on the leaves of the plant grown under protected environment
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">❖ Collection and deep burying of infected fruit. Installation of pheromone traps.
HORTICULTURAL CROPS			
Citrus	Fruiting	Citrus canker	<ul style="list-style-type: none">❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
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.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		<ul style="list-style-type: none">❖ Lamb/kid survival may be increased by adopting a sound pre-breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Rainfall =25.9 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 18.0-19.0°C respectively. Expected morning and evening relative humidity will be 91-95% and 53-81% respectively. Wind direction is mainly SSE & SE with average wind speed range of 4.3-5.7 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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. On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Spray chlorpyrifos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none"> Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. Follow seedling root-dip treatment in chlorpyrifos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none"> In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none"> Monitor the crop against attack of insect pests, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, Make proper drainage in the crop field,
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			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	<ul style="list-style-type: none"> For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. Spray Carbendazim 1ml/lit water against fruit drop in citrus. During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
❖ LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none"> Vaccinate against swine fever, Avoid of eating human excreta, Provide ad libitum water, Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	<ul style="list-style-type: none"> External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 2019



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

ADVISORY FOR DISTRICT: EAST SIANG

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

Weather summary of the previous week	Weather forecast valid up to 12 th June 2019
Rainfall: 6.3 mm; T. Max: 34.0°C; T. Min: 23.0°C ; RH: 65-91%	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-33.0°C and 24.0-26.0°C respectively. Expected morning and evening relative humidity will be 91-96% and 48-86% respectively. Wind direction is mainly SW & WSW with average wind speed range of 3.6-5.2 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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. ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. ❖ Spray chlorpyrifos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Follow seedling root-dip treatment in chlorpyrifos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none"> ❖ In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields ❖ Make structures to avoid runoff in the slope, ❖ Install yellow stem borer pheromone traps to trap the adults, ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none"> ❖ Monitor the crop against attack of insect pests, ❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, ❖ Make proper drainage in the crop field,

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

Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	<ul style="list-style-type: none"> ❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. ❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus. ❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
---------------------------	----------	----------------------------------	---

❖ **LIVESTOCK and POULTRY**

Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none"> ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	❖ External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 summary of the previous week	Weather forecast valid up to 12 th June 2019
Rainfall (Koloriang): 8.8 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-25.0°C and 17.0-18.0°C respectively. Expected morning and evening relative humidity will be 91-97% and 59-88% respectively. Wind direction is mainly SW & WSW with average wind speed range of 4.4-5.9 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	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	<ul style="list-style-type: none">❖ Follow seedling root-dip treatment in chlorpyrifos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice❖ Maintain adequate moisture level in the transplanted rice field,❖ Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer❖ 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/ tillering	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ 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			
Tomato, Chilli	Vegetative/ Harvesting	Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,❖ Do not irrigate on the leaves of the plant grown under protected environment
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">❖ Collection and deep burying of infected fruit. Installation of pheromone traps.
HORTICULTURAL CROPS			
Citrus	Fruiting	Citrus canker	<ul style="list-style-type: none">❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
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.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		<ul style="list-style-type: none">❖ Lamb/kid survival may be increased by adopting a sound pre-breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Rainfall: 3.2 mm (Tezu)	Mostly 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 23.0-24.0°C respectively. Expected morning and evening relative humidity will be 82-96% and 47-76% respectively. Wind direction is mainly E & ENE average wind speed range of 3.7-5.8 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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. ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. ❖ Spray chlorpyriphos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none"> ❖ In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields ❖ Make structures to avoid runoff in the slope, ❖ Install yellow stem borer pheromone traps to trap the adults, ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none"> ❖ Monitor the crop against attack of insect pests, ❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, ❖ Make proper drainage in the crop field,

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

Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	<ul style="list-style-type: none"> ❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. ❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus. ❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.
---------------------------	----------	----------------------------------	--

❖ **LIVESTOCK and POULTRY**

Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none"> ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	❖ External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Rainfall (Roing): 3.2 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-30.0°C and 23.0-24.0°C respectively. Expected morning and evening relative humidity will be 87-94% and 50-79% respectively. Wind direction is mainly variable with average wind speed range of 3.8-5.9 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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.❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ Spray chlorpyrifos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none">❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.❖ Follow seedling root-dip treatment in chlorpyrifos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields❖ Make structures to avoid runoff in the slope,❖ Install yellow stem borer pheromone traps to trap the adults,❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none">❖ Monitor the crop against attack of insect pests,❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,❖ Make proper drainage in the crop field,
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			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	<ul style="list-style-type: none">❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water.❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus.❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.
❖ LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none">❖ Vaccinate against swine fever,❖ Avoid of eating human excreta,❖ Provide ad libitum water,❖ Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	<ul style="list-style-type: none">❖ External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Ziro: 2.2 mm	Mostly cloudy with possibility moderate to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-36.0°C and 23.0-25.0°C respectively. Expected morning and evening relative humidity will be 92-96% and 56-86% respectively. Wind direction is mainly NW with average wind speed range of 3.9-6.3 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	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	<ul style="list-style-type: none">❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice❖ 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❖ 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/ tillering	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ 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			
Tomato, Chilli	Vegetative/ Harvesting	Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,❖ Do not irrigate on the leaves of the plant grown under protected environment
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">❖ Collection and deep burying of infected fruit. Installation of pheromone traps.
HORTICULTURAL CROPS			
Citrus	Fruiting	Citrus canker	<ul style="list-style-type: none">❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
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.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		<ul style="list-style-type: none">❖ Lamb/kid survival may be increased by adopting a sound pre-breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 2019



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

ADVISORY FOR DISTRICT: PAPUM PARE

Weather summary of the previous week	Weather forecast valid up to 12 th June 2019
Rainfall: 5.0 mm; T. Max: 36.0°C; T. Min: 28.0°C ; RH: 71-90%	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 31.0-33.0°C and 24.0-26.0°C respectively. Expected morning and evening relative humidity will be 88-95% and 61-84% respectively. Wind direction is mainly SE & SSE with average wind speed range of 4.3-6.5 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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. ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. ❖ Spray chlorpyriphos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none"> ❖ In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields ❖ Make structures to avoid runoff in the slope, ❖ Install yellow stem borer pheromone traps to trap the adults, ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none"> ❖ Monitor the crop against attack of insect pests, ❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, ❖ Make proper drainage in the crop field,
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			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	<ul style="list-style-type: none"> ❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. ❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus. ❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with steptocycline 6 gm in 60 lits of water before the onset of the monsoon.
❖ LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none"> ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	<ul style="list-style-type: none"> ❖ External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 2019



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

ADVISORY FOR DISTRICT: TAWANG

Weather summary of the previous week	Weather forecast valid up to 12 th June 2019
Rainfall: 17.6 mm	Partly/mostly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 15.0-16.0°C and 8.0-9.0°C respectively. Expected morning and evening relative humidity will be 90-95% and 51-76% respectively. Wind direction is mainly E & ENE with average wind speed range of 5.1-7.5 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

FIELD CROPS

Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	<ul style="list-style-type: none">❖ Follow seedling root-dip treatment in chlorpyrifos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice❖ 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❖ 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/ tillering	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ 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

Tomato, Chilli	Vegetative/ Harvesting	Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,❖ Do not irrigate on the leaves of the plant grown under protected environment
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	❖ Collection and deep burying of infected fruit. Installation of pheromone traps.

HORTICULTURAL CROPS

Citrus	Fruiting	Citrus canker	❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
Orchards			❖ Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.

LIVESTOCKS

Livestock	Stage	Disease	Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		❖ Lamb/kid survival may be increased by adopting a sound pre-breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.

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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 2019



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

ADVISORY FOR DISTRICT: TIRAP

Weather summary of the previous week	Weather forecast valid up to 12 th June 2019
Rainfall: NA	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 31.0-33.0°C and 24.0-26.0°C respectively. Expected morning and evening relative humidity will be 86-98% and 53-90% respectively. Wind direction is mainly variable with average wind speed range of 2.4-3.9 kmph.
Warning:	• 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 (early sown)	leaf elongation	Leaf blast/ leaf spot	<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. ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. ❖ Spray chlorpyrifos 20EC @ 2ml/lit water at 15th, 30th & 50th day after transplanting in rice.
Rice (normal sown)	Nursery/ transplanting		<ul style="list-style-type: none"> ❖ Rice: Weed free & clean nursery periphery to prevent disease/pest harboring. ❖ Follow seedling root-dip treatment in chlorpyrifos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice
Jhum Rice	Leaf elongation/ active tillering stage	Leaf blast/ leaf spot	<ul style="list-style-type: none"> ❖ In upland rice, spraying of 1% DAP on clear/dry days recommended to increase the numbers of effective tillers and yields ❖ Make structures to avoid runoff in the slope, ❖ Install yellow stem borer pheromone traps to trap the adults, ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.
Maize	Tasseling stage	Soybean looper/Stem borer	<ul style="list-style-type: none"> ❖ Monitor the crop against attack of insect pests, ❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, ❖ Make proper drainage in the crop field,
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			
Lemon/other citrus fruits	Fruiting	Fruit drop/ insect pests/ canker	<ul style="list-style-type: none"> ❖ For insect pert, spray Monocrotophos 36 SL @ 7 ml or Dimethoate 30 EC @ 10 ml in 10 lits of water. ❖ Spray Carbendazim 1ml/lit water against fruit drop in citrus. ❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
❖ LIVESTOCK and POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	New born/ All stages	Swine fever	<ul style="list-style-type: none"> ❖ Vaccinate against swine fever, ❖ Avoid of eating human excreta, ❖ Provide ad libitum water, ❖ Deworming of piglets after 2 months,
Goat/sheep	All stages	External parasite	<ul style="list-style-type: none"> ❖ External parasite free rearing will lead to reduction in infection and increase in production. So timely deworming is advocated.
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: 8th to 12th June 2019)

No: AMFU-Basar/2019/45

Dated: Friday, 7th June 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 12 th June 2019
Rainfall: 15.2 mm	Partly/mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 25.0-26.0°C and 18.0-20.0°C respectively. Expected morning and evening relative humidity will be 93-94% and 59-78% respectively. Wind direction is mainly variable with average wind speed range of 3.8-5.3 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	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	<ul style="list-style-type: none">❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice❖ 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❖ 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/ tillering	Leaf blast/ leaf spot	<ul style="list-style-type: none">❖ On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.❖ 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			
Tomato, Chilli	Vegetative/ Harvesting	Late blight	<ul style="list-style-type: none">❖ Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,❖ Do not irrigate on the leaves of the plant grown under protected environment
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly	<ul style="list-style-type: none">❖ Collection and deep burying of infected fruit. Installation of pheromone traps.
HORTICULTURAL CROPS			
Citrus	Fruiting	Citrus canker	<ul style="list-style-type: none">❖ During this month there is rapid spread of citrus canker hence the affected leaves, branch should be pruned and burnt. Spray copper oxychloride 200 gm with streptocycline 6 gm in 60 lits of water before the onset of the monsoon.
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.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Sheep/ Goat	Lamb/kid		<ul style="list-style-type: none">❖ Lamb/kid survival may be increased by adopting a sound pre-breeding management program, close attention to ewes/does nutritional and health status during late gestation, keeping housing facilities clean and well ventilated, adequate colostrum intake by lambs/kids, selection of sheep/goat that are easy lambing/kidding, good mothers, heavy milking and vigorous at birth.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			