



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



(Period: 26th to 30th January 2019)

No: AMFU-Basar/2019/8

Dated: Fri, 25th January 2019



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

ADVISORY FOR DISTRICT: ANJAW

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

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
No weather summary available	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-29.0°C and 9.0-14.0°C respectively. Expected morning and evening relative humidity will be 58-71% and 30-42% respectively. Wind direction is mainly SSE with average wind speed range of 7.6-8.9 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			
Mustard	Vegetative	White Rust	<ul style="list-style-type: none"> ❖ Symptoms: - yellowing of margins of upper leave surface which gradually spread to flower which get distorted with no seed formation. Treatment- Rouging up of infected plants, Spraying of Bavistin @ 1 gm per litre of water, ❖ Light irrigation is beneficial, ❖ In grown up crops, remove dry and yellow leaves
Pea	Pod formation Maturity/ Harvest	Rat/ Powdery mildew/ Rust	<ul style="list-style-type: none"> ❖ Use of local method of rat control may be followed, ❖ If damage is high, use Zinc phosphide bait in wheat floor, ❖ Spraying of Sulfax @ 3gram per litre of water is advised, ❖ Spraying of Thiovit @ 3 ml/litre of water,
Rice	Harvesting/ Drying		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
VEGETABLES			
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of good quality treated seeds may be done. ❖ Monitor seedlings against attack of cut worm. ❖ Soil drenching with Chlorpyriphos 20EC@2 ml/litre of water ❖ Manual picking of larvae in the dusk hours,
Potato	Vegetative stage	Late blight 	<ul style="list-style-type: none"> ❖ Apply Neem-based granular insecticides in soil against ants and other soil inhabiting insect pests. ❖ Prophylactic spraying of Mancozeb@ 2 gram per 4 litres of water is advised.
HORTICULTURAL CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> ❖ Base drenching with Dichlorvos @ 4ml/litre of water, ❖ Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, ❖ In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, ❖ Cleaning of lichens/mosses using gunny bag gently,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide vitamin C and glucose in feed and water, ❖ Provide dry bedding material, ❖ Preventive dose of anti-coccidial drugs to poultry is advocated.

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247



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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 summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall = Changlang: 0.0 mm Miao: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-30.0°C and 10.0-12.0°C respectively. Expected morning and evening relative humidity will be 46-58% and 19-26% respectively. Wind direction is mainly SE & SSE with average wind speed range of 4.6-4.9 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	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> ❖ Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> ❖ Land preparation for sowing of upland early crop of maize may be done, ❖ Deep ploughing, ❖ Apply well decomposed FYM or dung ❖ Procure good quality certified seeds,
EGETABLES			
Tomato	Vegetative/ Fruiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> ❖ Harvest mature crop, ❖ For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, ❖ For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyriphos may also be applied.
HORTICULTURAL CROPS			
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> ❖ Swabbing with Malathion/Chlorpyriphos,
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> ❖ Deworming/vaccinations ❖ As green feeds supply will decrease, provide quality feeds, ❖ Check poisonous weeds in collected fodder ❖ Cook the feed,

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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 summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall = 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-29.0°C and 9.0-14.0°C respectively. Expected morning and evening relative humidity will be 61-81% and 37-55% respectively. Wind direction is mainly variable with average wind speed range of 8.9-10.4 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			
Early maize	Sowing		<ul style="list-style-type: none"> ❖ Right time for sowing early/local maize and cowpea ❖ Seed treatment with Imidichloropid @ 1-2g/10kg recommended before sowing.
Mustard	Vegetative	White Rust	<ul style="list-style-type: none"> ❖ Symptoms: - yellowing of margins of upper leave surface which gradually spread to flower which get distorted with no seed formation. Treatment- Rouging up of infected plants, Spraying of Bavistin @ 1 gm per litre of water, ❖ Light irrigation is beneficial, ❖ In grown up crops, remove dry and yellow leaves
Pea	Pod formation Maturity/ Harvest	Rat/ Powdery mildew/ Rust	<ul style="list-style-type: none"> ❖ Use of local method of rat control may be followed, ❖ If damage is high, use Zinc phosphide bait in wheat floor, ❖ Spraying of Sulfax @ 3gram per litre of water is advised, ❖ Spraying of Thiovit @ 3 ml/litre of water,
VEGETABLES			
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of good quality treated seeds may be done. ❖ Monitor seedlings against attack of cut worm. ❖ Soil drenching with Chlorpyriphos 20EC @2 ml/litre of water ❖ Manual picking of larvae in the dusk hours,
Potato	Vegetative stage	Late blight 	<ul style="list-style-type: none"> ❖ Apply Neem-based granular insecticides in soil against ants and other soil inhabiting insect pests. ❖ Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised.
HORTICULTURAL CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> ❖ Base drenching with Dichlorvos @ 4ml/litre of water, ❖ Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, ❖ In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, ❖ Cleaning of lichens/mosses using gunny bag gently,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide vitamin C and glucose in feed and water, ❖ Provide dry bedding material, ❖ Preventive dose of anti-coccidial drugs to poultry is advocated.

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 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 30 th January 2019
Rainfall = 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-30.0°C and 9.0-14.0°C respectively. Expected morning and evening relative humidity will be 57-75% and 23-40% respectively. Wind direction is mainly S with average wind speed range of 6.1-7.8 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	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> ❖ Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> ❖ Land preparation for sowing of upland early crop of maize may be done, ❖ Deep ploughing, ❖ Apply well decomposed FYM or dung ❖ Procure good quality certified seeds,
EGETABLES			
Tomato	Vegetative/ Fruiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> ❖ Harvest mature crop, ❖ For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, ❖ For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyriphos may also be applied.
HORTICULTURAL CROPS			
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> ❖ Swabbing with Malathion/Chlorpyriphos,
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> ❖ Deworming/vaccinations ❖ As green feeds supply will decrease, provide quality feeds, ❖ Check poisonous weeds in collected fodder ❖ Cook the feed,

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ADVISORY FOR DISTRICT: EAST SIANG

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

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall: 0.0 mm; T. Max: 27.0°C; T. Min: 13.0°C ; RH: 57-64%	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-30.0°C and 11.0-14.0°C respectively. Expected morning and evening relative humidity will be 57-63% and 23-27% respectively. Wind direction is mainly WNW with average wind speed range of 5.5-6.3 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> ❖ Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> ❖ Land preparation for sowing of upland early crop of maize may be done, ❖ Deep ploughing, ❖ Apply well decomposed FYM or dung ❖ Procure good quality certified seeds,
EGETABLES			
Tomato	Vegetative/ Fruiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> ❖ Harvest mature crop, ❖ For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, ❖ For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
HORTICULTURAL CROPS			
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> ❖ Swabbing with Malathion/Chlorpyrifos,
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> ❖ Deworming/vaccinations ❖ As green feeds supply will decrease, provide quality feeds, ❖ Check poisonous weeds in collected fodder ❖ Cook the feed,

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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 30 th January 2019
Rainfall (Koloriang): 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-29.0°C and 9.0-14.0°C respectively. Expected morning and evening relative humidity will be 69-85% and 29-48% respectively. Wind direction is mainly WNW & NW with average wind speed range of 6.9-8.1 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			
Mustard	Vegetative	White Rust	<ul style="list-style-type: none"> ❖ Symptoms: - yellowing of margins of upper leave surface which gradually spread to flower which get distorted with no seed formation. Treatment- Rouging up of infected plants, Spraying of Bavistin @ 1 gm per litre of water, ❖ Light irrigation is beneficial, ❖ In grown up crops, remove dry and yellow leaves
Pea	Pod formation Maturity/ Harvest	Rat/ Powdery mildew/ Rust	<ul style="list-style-type: none"> ❖ Use of local method of rat control may be followed, ❖ If damage is high, use Zinc phosphide bait in wheat floor, ❖ Spraying of Sulfax @ 3gram per litre of water is advised, ❖ Spraying of Thiovit @ 3 ml/litre of water,
Rice	Harvesting/ Drying		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
VEGETABLES			
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of good quality treated seeds may be done. ❖ Monitor seedlings against attack of cut worm. ❖ Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water ❖ Manual picking of larvae in the dusk hours,
Potato	Vegetative stage	Late blight 	<ul style="list-style-type: none"> ❖ Apply Neem-based granular insecticides in soil against ants and other soil inhabiting insect pests. ❖ Prophylactic spraying of Mancozeb@ 2 gram per 4 litres of water is advised.
HORTICULTURAL CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> ❖ Base drenching with Dichlorvos @ 4ml/litre of water, ❖ Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, ❖ In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, ❖ Cleaning of lichens/mosses using gunny bag gently,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide vitamin C and glucose in feed and water, ❖ Provide dry bedding material, ❖ Preventive dose of anti-coccidial drugs to poultry is advocated.



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

ADVISORY FOR DISTRICT: LOHIT

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall: 0.0 mm (Tezu)	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-30.0°C and 9.0-12.0°C respectively. Expected morning and evening relative humidity will be 34-52% and 20-30% respectively. Wind direction is mainly ENE average wind speed range of 6.4-7.3 kmph.
Warning	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> ❖ Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> ❖ Land preparation for sowing of upland early crop of maize may be done, ❖ Deep ploughing, ❖ Apply well decomposed FYM or dung ❖ Procure good quality certified seeds,
EGETABLES			
Tomato	Vegetative/ Fruiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> ❖ Harvest mature crop, ❖ For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, ❖ For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyriphos may also be applied.
HORTICULTURAL CROPS			
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> ❖ Swabbing with Malathion/Chlorpyriphos,
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> ❖ Deworming/vaccinations ❖ As green feeds supply will decrease, provide quality feeds, ❖ Check poisonous weeds in collected fodder ❖ Cook the feed,

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ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall (Roing): 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29.0-30.0°C and 10-13.0°C respectively. Expected morning and evening relative humidity will be 45-62% and 23-34% respectively. Wind direction is mainly SE with average wind speed range of 7.3-8.2 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			
Maize/cowpea	Sowing		<ul style="list-style-type: none"> ❖ Right time for sowing early/local maize and cowpea. ❖ Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing.
Pea	Pod formation/maturity	Powdery mildew	<ul style="list-style-type: none"> ❖ Pick/harvest green pods at 4/5 days interval to stimulate new flowers. ❖ Need based foliar spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.
Rice	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
VEGETABLES			
Tomato	Vegetative/ Frutiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Early kharif vegetables	Sowing		<ul style="list-style-type: none"> ❖ Primary tillage advocated for early kharif crops. ❖ Early sowing of summer vegetables like cucumber, bottle gourd, sponge gourd, ladies finger etc were advocated in low-lands.
Potato	Maturity/ Harvesting		<ul style="list-style-type: none"> ❖ Store in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
HORTICULTURAL CROPS			
Banana	Bunching	Cold	<ul style="list-style-type: none"> ❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ Timely/regular removal of extra suckers, dry leaves & pseudostem.
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide adequate bedding material (paddy straw, rice husk), potable drinking water and additional feed and multi-vitamins, ❖ Preventive dose of anti-coccidial drugs to poultry is advocated.
Pig	All stages		<ul style="list-style-type: none"> ❖ In case of frost, make adequate arrangements for artificial heating for piglets/poultry. ❖ All animals should be tethered in a covered shelter. ❖ Keep the houses dry and clean.

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 ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
NA	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-29.0°C and 08.0-13.0°C respectively. Expected morning and evening relative humidity will be 72-79% and 33-39% respectively. Wind direction is mainly WNW with average wind speed range of 6.0-7.0 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			
Mustard	Vegetative	White Rust	<ul style="list-style-type: none"> ❖ Symptoms: - yellowing of margins of upper leaf surface which gradually spread to flower which get distorted with no seed formation. Treatment- Rouging up of infected plants, Spraying of Bavistin @ 1 gm per litre of water, ❖ Light irrigation is beneficial, ❖ In grown up crops, remove dry and yellow leaves
Pea	Pod formation Maturity/ Harvest	Rat/ Powdery mildew/ Rust	<ul style="list-style-type: none"> ❖ Use of local method of rat control may be followed, ❖ If damage is high, use Zinc phosphide bait in wheat floor, ❖ Spraying of Sulfax @ 3gram per litre of water is advised, ❖ Spraying of Thiovit @ 3 ml/litre of water,
Rice	Harvesting/ Drying		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
VEGETABLES			
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of good quality treated seeds may be done. ❖ Monitor seedlings against attack of cut worm. ❖ Soil drenching with Chlorpyrifos 20EC @ 2 ml/litre of water ❖ Manual picking of larvae in the dusk hours,
Potato	Vegetative stage	Late blight 	<ul style="list-style-type: none"> ❖ Apply Neem-based granular insecticides in soil against ants and other soil inhabiting insect pests. ❖ Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised.
HORTICULTURAL CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> ❖ Base drenching with Dichlorvos @ 4ml/litre of water, ❖ Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, ❖ In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, ❖ Cleaning of lichens/mosses using gunny bag gently,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide vitamin C and glucose in feed and water, ❖ Provide dry bedding material, ❖ Preventive dose of anti-coccidial drugs to poultry is advocated.

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ADVISORY FOR DISTRICT: PAPUM PARE

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall: 0.0 mm; T. Max: 28.0°C; T. Min: 10.0°C ; RH: 53-75%	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-30.0°C and 11.0-14.0°C respectively. Expected morning and evening relative humidity will be 66-72% and 34-43% respectively. Wind direction is mainly variable with average wind speed range of 5.1-6.5 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	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> ❖ Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> ❖ Land preparation for sowing of upland early crop of maize may be done, ❖ Deep ploughing, ❖ Apply well decomposed FYM or dung ❖ Procure good quality certified seeds,
EGETABLES			
Tomato	Vegetative/ Fruiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> ❖ Harvest mature crop, ❖ For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, ❖ For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyriphos may also be applied.
HORTICULTURAL CROPS			
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> ❖ Swabbing with Malathion/Chlorpyriphos,
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> ❖ Deworming/vaccinations ❖ As green feeds supply will decrease, provide quality feeds, ❖ Check poisonous weeds in collected fodder ❖ Cook the feed,

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ADVISORY FOR DISTRICT: TAWANG

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 23.0-27.0°C and 6.0-14.0-°C respectively. Expected morning and evening relative humidity will be 57-90% and 27-61% respectively. Wind direction is mainly E with average wind speed range of 6.4-11.9 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

FIELD CROPS

Mustard	Vegetative	White Rust	<ul style="list-style-type: none"> ❖ Symptoms: - yellowing of margins of upper leave surface which gradually spread to flower which get distorted with no seed formation. Treatment- Rouging up of infected plants, Spraying of Bavistin @ 1 gm per litre of water, ❖ Light irrigation is beneficial, ❖ In grown up crops, remove dry and yellow leaves
Pea	Pod formation Maturity/ Harvest	Rat/ Powdery mildew/ Rust	<ul style="list-style-type: none"> ❖ Use of local method of rat control may be followed, ❖ If damage is high, use Zinc phosphide bait in wheat floor, ❖ Spraying of Sulfax @ 3gram per litre of water is advised, ❖ Spraying of Thiovit @ 3 ml/litre of water,
Rice	Harvesting/ Drying		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.

VEGETABLES

French bean	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of good quality treated seeds may be done. ❖ Monitor seedlings against attack of cut worm. ❖ Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water ❖ Manual picking of larvae in the dusk hours,
Potato	Vegetative stage	Late blight 	<ul style="list-style-type: none"> ❖ Apply Neem-based granular insecticides in soil against ants and other soil inhabiting insect pests. ❖ Prophylactic spraying of Mancozeb@ 2 gram per 4 litres of water is advised.

HORTICULTURAL CROPS

Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> ❖ Base drenching with Dichlorvos @ 4ml/litre of water, ❖ Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, ❖ In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, ❖ Cleaning of lichens/mosses using gunny bag gently,
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LIVESTOCKS

Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide vitamin C and glucose in feed and water, ❖ Provide dry bedding material, ❖ Preventive dose of anti-coccidial drugs to poultry is advocated.

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ADVISORY FOR DISTRICT: TIRAP

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-29.0°C and 10.0-13.0°C respectively. Expected morning and evening relative humidity will be 52-68% and 27-34% respectively. Wind direction is mainly ESE with average wind speed range of 3.9-4.4 kmph.
Warning:	•

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	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> ❖ Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> ❖ Land preparation for sowing of upland early crop of maize may be done, ❖ Deep ploughing, ❖ Apply well decomposed FYM or dung ❖ Procure good quality certified seeds,
EGETABLES			
Tomato	Vegetative/ Fruiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> ❖ Harvest mature crop, ❖ For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, ❖ For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
HORTICULTURAL CROPS			
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> ❖ Swabbing with Malathion/Chlorpyrifos,
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> ❖ Deworming/vaccinations ❖ As green feeds supply will decrease, provide quality feeds, ❖ Check poisonous weeds in collected fodder ❖ Cook the feed,

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ADVISORY FOR DISTRICT: UPPER SIANG

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-29.0°C and 10.0-16.0°C respectively. Expected morning and evening relative humidity will be 69-81% and 39-51% respectively. Wind direction is mainly variable with average wind speed range of 6.4-7.7 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			
Mustard	Vegetative	White Rust	<ul style="list-style-type: none"> ❖ Symptoms: - yellowing of margins of upper leave surface which gradually spread to flower which get distorted with no seed formation. Treatment- Rouging up of infected plants, Spraying of Bavistin @ 1 gm per litre of water, ❖ Light irrigation is beneficial, ❖ In grown up crops, remove dry and yellow leaves
Pea	Pod formation Maturity/ Harvest	Rat/ Powdery mildew/ Rust	<ul style="list-style-type: none"> ❖ Use of local method of rat control may be followed, ❖ If damage is high, use Zinc phosphide bait in wheat floor, ❖ Spraying of Sulfax @ 3gram per litre of water is advised, ❖ Spraying of Thiovit @ 3 ml/litre of water,
Rice	Harvesting/ Drying		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
VEGETABLES			
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of good quality treated seeds may be done. ❖ Monitor seedlings against attack of cut worm. ❖ Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water ❖ Manual picking of larvae in the dusk hours,
Potato	Vegetative stage	Late blight 	<ul style="list-style-type: none"> ❖ Apply Neem-based granular insecticides in soil against ants and other soil inhabiting insect pests. ❖ Prophylactic spraying of Mancozeb@ 2 gram per 4 litres of water is advised.
HORTICULTURAL CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> ❖ Base drenching with Dichlorvos @ 4ml/litre of water, ❖ Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, ❖ In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, ❖ Cleaning of lichens/mosses using gunny bag gently,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide vitamin C and glucose in feed and water, ❖ Provide dry bedding material, ❖ Preventive dose of anti-coccidial drugs to poultry is advocated.

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ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Daporijo: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-29.0°C and 9.0-13.0°C respectively. Expected morning and evening relative humidity will be 69-85% and 30-45% respectively. Wind direction is mainly NNW with average wind speed range of 6.2-7.7 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	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> ❖ Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> ❖ Land preparation for sowing of upland early crop of maize may be done, ❖ Deep ploughing, ❖ Apply well decomposed FYM or dung ❖ Procure good quality certified seeds,
EGETABLES			
Tomato	Vegetative/ Fruiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> ❖ Harvest mature crop, ❖ For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, ❖ For ret ant, soil drenching with Chlorpyriphos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyriphos may also be applied.
HORTICULTURAL CROPS			
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> ❖ Swabbing with Malathion/Chlorpyriphos,
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> ❖ Deworming/vaccinations ❖ As green feeds supply will decrease, provide quality feeds, ❖ Check poisonous weeds in collected fodder ❖ Cook the feed,

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ADVISORY FOR DISTRICT: WEST KAMENG

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm; Kalaktang: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 26.0-30.0°C and 9.0-14.0°C respectively. Expected morning and evening relative humidity will be 64-81 and 24-51% respectively. Wind direction is mainly WNW & NW wind speed range of 6.6-9.3 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Vegetative	White Rust	<ul style="list-style-type: none"> ❖ Symptoms: - yellowing of margins of upper leave surface which gradually spread to flower which get distorted with no seed formation. Treatment- Rouging up of infected plants, Spraying of Bavistin @ 1 gm per litre of water, ❖ Light irrigation is beneficial, ❖ In grown up crops, remove dry and yellow leaves
Pea	Pod formation Maturity/ Harvest	Rat/ Powdery mildew/ Rust	<ul style="list-style-type: none"> ❖ Use of local method of rat control may be followed, ❖ If damage is high, use Zinc phosphide bait in wheat floor, ❖ Spraying of Sulfax @ 3gram per litre of water is advised, ❖ Spraying of Thiovit @ 3 ml/litre of water,
Rice	Harvesting/ Drying		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
VEGETABLES			
French bean	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of good quality treated seeds may be done. ❖ Monitor seedlings against attack of cut worm. ❖ Soil drenching with Chlorpyrifos 20EC@2 ml/litre of water ❖ Manual picking of larvae in the dusk hours,
Potato	Vegetative stage	Late blight 	<ul style="list-style-type: none"> ❖ Apply Neem-based granular insecticides in soil against ants and other soil inhabiting insect pests. ❖ Prophylactic spraying of Mancozeb@ 2 gram per 4 litres of water is advised.
HORTICULTURAL CROPS			
Khasi Mandarin	Harvest/ Post harvest	Trunk borer	<ul style="list-style-type: none"> ❖ Base drenching with Dichlorvos @ 4ml/litre of water, ❖ Prune the diseased portion of the plant and thereafter apply Blitox (50WP)/Bordeaux paste, ❖ In present weather conditions regularly collect and dispose off fallen fruits to reduce fruit fly population, ❖ Cleaning of lichens/mosses using gunny bag gently,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide vitamin C and glucose in feed and water, ❖ Provide dry bedding material, ❖ Preventive dose of anti-coccidial drugs to poultry 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: 26th to 30th January 2019)

No: AMFU-Basar/2019/8

Dated: Fri, 25th January 2019



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

ADVISORY FOR DISTRICT: WEST SIANG

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

Weather summary of the previous week	Weather forecast valid up to 30 th January 2019
Rainfall: 0.0 mm, Max. T: 21.8°C, Min. T: 4.5°C, Wind Speed: 4-7 km/h, RH: 49-98%, Wind Direction: ENE & WNW	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-30.0°C and 10.0-17.0°C respectively. Expected morning and evening relative humidity will be 72-81% and 40-49% respectively. Wind direction is mainly NW & NNW with average wind speed range of 5.7-7.1 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	Drying / storage		<ul style="list-style-type: none"> ❖ Clean the grains before drying to avoid uneven drying and wet spots. ❖ It is recommended that rice for food purposes be stored in paddy form rather than milled rice as the husk provides some protection against insects and helps prevent quality deterioration.
Mustard	Flowering/ Pod formation	Aphid	<ul style="list-style-type: none"> ❖ Spray Dimethoate 30EC @ 3ml/litre of water during the afternoon hours is advised so that pollinators are not harmed.
Maize	Land preparation		<ul style="list-style-type: none"> ❖ Land preparation for sowing of upland early crop of maize may be done, ❖ Deep ploughing, ❖ Apply well decomposed FYM or dung ❖ Procure good quality certified seeds,
EGETABLES			
Tomato	Vegetative/ Fruiting	Cold/ Frost	<ul style="list-style-type: none"> ❖ Cover tomato plants during night with polyethene/cloths and place 2-3 inch crop residue mulch around the base of the plant.
Potato/ Tomato	Tuber formation/ Maturity/ Harvest	Aphid Ret Ant	<ul style="list-style-type: none"> ❖ Harvest mature crop, ❖ For aphid management, spray Dimethoate 30EC @ 3ml/litre of water, ❖ For ret ant, soil drenching with Chlorpyrifos 20 EC @ 2ml/litre of water is advised. Granular Chlorpyrifos may also be applied.
HORTICULTURAL CROPS			
Banana	All stages	Banana Pseudostem borer	<ul style="list-style-type: none"> ❖ Swabbing with Malathion/Chlorpyrifos,
Citrus/ Oranges	Maturity/ Harvesting	Trunk borer/ blue-green mould	<ul style="list-style-type: none"> ❖ (Only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. ❖ Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Cattle	All stages	Poisonous weeds	<ul style="list-style-type: none"> ❖ Deworming/vaccinations ❖ As green feeds supply will decrease, provide quality feeds, ❖ Check poisonous weeds in collected fodder ❖ Cook the feed,

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