



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



(Period: 12th to 16th December, 2018)

No: AMFU-Basar/2018/98

Dated: Tue, 11th December, 2018



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 16 th December 2018
No weather summary available	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 22.5-23.0°C and 4.0-5.0°C respectively. Expected morning and evening relative humidity will be 60-62% and 21-30% respectively. Wind direction is mainly SSE with average wind speed range of 7.9-8.8 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			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none"> ❖ Harvesting of the standing crop is advised in a priority basis. ❖ Sun-dry the harvested crop before storage. ❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul style="list-style-type: none"> ❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of late crop should be done immediately, ❖ Go for light irrigation in vegetative or germination stage ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none"> ❖ Light irrigation is essential, ❖ Regular monitoring against DBM and Cabbage caterpillar. ❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none"> ❖ Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none"> ❖ In present weather conditions regularly collect and dispose off fallen fruits, ❖ Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none"> ❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth. ❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts. ❖ Apply Bordeaux paste
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none"> ❖ Deworming at regular interval
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



Gramin Krishi Mausam Sewa

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

ADVISORY FOR BLOCK: BASAR

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

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall: 0.0 mm, Max. T: 22.1°C, Min. T: 5.0°C, Wind Speed: 3-6 km/h, RH: 49-98%, Wind Direction: SW & NNE	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 10-11°C respectively. Expected morning and evening relative humidity will be 48-55% and 22-26% respectively. Wind direction is mainly NNW with average wind speed range of 4-5 kmph.
Warning:	•

GENERAL RECOMMENDATIONS <ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.• Application of fertilizers/manure can be done during clear/dry days• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		<ul style="list-style-type: none">❖ Harvesting of the standing crop is advised in a priority basis.❖ Sun-dry the harvested crop before storage.❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul style="list-style-type: none">❖ Spraying of Dimethoate @ 2 ml per litre of water❖ Collect and dispose off the heavily infested twigs,❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none">❖ Sowing of late crop should be done immediately,❖ Go for light irrigation in vegetative or germination stage❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Regular monitoring against DBM and Cabbage caterpillar.❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none">❖ Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none">❖ In present weather conditions regularly collect and dispose off fallen fruits,❖ Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.❖ Apply Bordeaux paste
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.❖ Vaccination of birds as per the recommended age,❖ Avoid dampness, litter should be periodically changed.❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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

ADVISORY FOR DISTRICT: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall = Changlang: NA Miao: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28.0-28.3°C and 8.9-9.5°C respectively. Expected morning and evening relative humidity will be 60-62% and 22-24% respectively. Wind direction is mainly SSE with average wind speed range of 4.3-4.7 kmph.


Warning:

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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/flowering	White rust/Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



Gramin Krishi Mausam Sewa

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

ADVISORY FOR BLOCK: DARING

{Latitude: 28°11.651'/ Longitude: 94°45.712'/Altitude: 350-450 amsl}

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 09-11°C respectively. Expected morning and evening relative humidity will be 52-58% and 22-26% respectively. Wind direction is mainly NNW with average wind speed range of 4 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- **Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended**
- 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/flowering	White rust/ Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/ Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY

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

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall = 0.0 mm	Mostly sunny with possibility of very light rain. Daily maximum and minimum temperature for the following period is predicted to be 22.8-23.0°C and 4.6-5.0°C respectively. Expected morning and evening relative humidity will be 60-62% and 27-36% respectively. Wind direction is mainly SSE with average wind speed range of 9.1-10.7 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			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none">❖ Harvesting of the standing crop is advised in a priority basis.❖ Sun-dry the harvested crop before storage.❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul style="list-style-type: none">❖ Spraying of Dimethoate @ 2 ml per litre of water❖ Collect and dispose off the heavily infested twigs,❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none">❖ Sowing of late crop should be done immediately,❖ Go for light irrigation in vegetative or germination stage❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Regular monitoring against DBM and Cabbage caterpillar.❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none">❖ Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none">❖ In present weather conditions regularly collect and dispose off fallen fruits,❖ Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.❖ Apply Bordeaux paste
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.❖ Vaccination of birds as per the recommended age,❖ Avoid dampness, litter should be periodically changed.❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	<ul style="list-style-type: none">❖ Maintain warmth in the shed,

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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 16 th December 2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.0-27.0°C and 8.0-8.5°C respectively. Expected morning and evening relative humidity will be 60-61% and 23-29% respectively. Wind direction is mainly S with average wind speed range of 7.6-7.9 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/flowering	White rust/Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry
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: EAST SIANG


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

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall: 0.0 mm; T. Max: 25.0°C; T. Min: 14.0°C ; RH: 57-76%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28.0-28.3°C and 8.9-9.5°C respectively. Expected morning and evening relative humidity will be 60-62% and 23-26% respectively. Wind direction is mainly W with average wind speed range of 6.0-6.3 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			
Mustard	Vegetative/flowering	White rust/Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



Block Level Experimental Agro-met Advisory Bulletin

(Period: 12th to 16th December, 2018)

No: AMFU-Basar/2018/47

Dated: Tue, 11th December, 2018



Gramin Krishi Mausam Sewa

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

ADVISORY FOR BLOCK: GENSI

{Latitude: 27°48.044'/ Longitude: 94°43.409'/Altitude: 750-850 amsl}

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 09-11°C respectively. Expected morning and evening relative humidity will be 56-60% and 24-28% respectively. Wind direction is mainly NNW with average wind speed range of 5 kmph.
Warning:	•

GENERAL RECOMMENDATIONS <ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		<ul style="list-style-type: none">❖ Harvesting of the standing crop is advised in a priority basis.❖ Sun-dry the harvested crop before storage.❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul style="list-style-type: none">❖ Spraying of Dimethoate @ 2 ml per litre of water❖ Collect and dispose off the heavily infested twigs,❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none">❖ Sowing of late crop should be done immediately,❖ Go for light irrigation in vegetative or germination stage❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Regular monitoring against DBM and Cabbage caterpillar.❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none">❖ Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none">❖ In present weather conditions regularly collect and dispose off fallen fruits,❖ Spray Dicofol @1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.❖ Apply Bordeaux paste
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.❖ Vaccination of birds as per the recommended age,❖ Avoid dampness, litter should be periodically changed.❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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District Level Agro-met Advisory Bulletin
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(Period: 12th to 16th December, 2018)

No: AMFU-Basar/2018/98

Dated: Tue, 11th December, 2018



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

ADVISORY FOR DISTRICT: KURUNG KUMEY

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

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall (Koloriang): 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 20.0-20.3°C and 1.6-2.0°C respectively. Expected morning and evening relative humidity will be 62-63% and 22-34% respectively. Wind direction is mainly S with average wind speed range of 8.1-8.8 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			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		<ul style="list-style-type: none">❖ Harvesting of the standing crop is advised in a priority basis.❖ Sun-dry the harvested crop before storage.❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul style="list-style-type: none">❖ Spraying of Dimethoate @ 2 ml per litre of water❖ Collect and dispose off the heavily infested twigs,❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none">❖ Sowing of late crop should be done immediately,❖ Go for light irrigation in vegetative or germination stage❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Regular monitoring against DBM and Cabbage caterpillar.❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none">❖ Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none">❖ In present weather conditions regularly collect and dispose off fallen fruits,❖ Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.❖ Apply Bordeaux paste
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.❖ Vaccination of birds as per the recommended age,❖ Avoid dampness, litter should be periodically changed.❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	<ul style="list-style-type: none">❖ Maintain warmth in the shed,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



ब्लॉक स्तर प्रयोगात्मक कृषि मौसम सलाहकार सेवा पत्रिका

Block Level Experimental Agro-met Advisory Bulletin

(Period: 12th to 16th December, 2018)

No: AMFU-Basar/2018/47

Dated: Tue, 11th December, 2018




Gramin Krishi Mausam Sewa

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

ADVISORY FOR BLOCK: LIKABALI-KANGKU

{Latitude: 27°59.56' / Longitude: 94°76.79' / Altitude: 150-250 amsl}

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 09-11°C respectively. Expected morning and evening relative humidity will be 49-54% and 25-29% respectively. Wind direction is mainly NNW with average wind speed range of 4 kmph.
Warning:	•

GENERAL RECOMMENDATIONS <ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Do not go for fertilizer/manure applications• 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/flowering	White rust/Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry
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: LOHIT

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall: 0.0 mm (Tezu)	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.0-26.5°C and 7.9-8.3°C respectively. Expected morning and evening relative humidity will be 60-61% and 20-25% respectively. Wind direction is mainly NE average wind speed range of 6.8-7.1 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			
Mustard	Vegetative/flowering	White rust/Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry
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: LOWER DIBANG VALLEY

Weather summary of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall (Roing): 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.0-26.3°C and 7.0-7.3°C respectively. Expected morning and evening relative humidity will be 61-62% and 22-26% respectively. Wind direction is mainly SE with average wind speed range of 7.9-8.5 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			
Mustard	Vegetative/ flowering	White rust/ Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug Rat	❖ Harvesting of the standing crop is advised only during clear/dry days, ❖ Threshing and proper sun-drying is important ❖ Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cabbage/ cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Spinach	Vegetative Harvesting		❖ Sowing of certified/locally available seeds in well prepared nursery may be done,
Potato	Vegetative		❖ Light irrigation followed by earthing-up, ❖ Monitor the crop against attack of Cutworm,
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus	Fruiting/ maturity		❖ Harvest the fruits ❖ If delay anticipated in harvesting, two spray of Giberellic acid 15 ppm + urea 1% may be given at 15 days interval. ❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages		❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. ❖ Provide adequate potable drinking water
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: LOWER SUBANSIRI

Weather summary of the previous week	Weather forecast valid up to 16 th December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.0-27.0°C and 8.0-8.5°C respectively. Expected morning and evening relative humidity will be 60-61% and 26-33% respectively. Wind direction is mainly NW & WNW with average wind speed range of 7.7-8.0 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			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		<ul style="list-style-type: none">❖ Harvesting of the standing crop is advised in a priority basis.❖ Sun-dry the harvested crop before storage.❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/Flowering	Aphid/ Painted bug	<ul style="list-style-type: none">❖ Spraying of Dimethoate @ 2 ml per litre of water❖ Collect and dispose off the heavily infested twigs,❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/germination/vegetative	Cut worm	<ul style="list-style-type: none">❖ Sowing of late crop should be done immediately,❖ Go for light irrigation in vegetative or germination stage❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cauliflower/Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Regular monitoring against DBM and Cabbage caterpillar.❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none">❖ Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none">❖ In present weather conditions regularly collect and dispose off fallen fruits,❖ Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.❖ Apply Bordeaux paste
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.❖ Vaccination of birds as per the recommended age,❖ Avoid dampness, litter should be periodically changed.❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	<ul style="list-style-type: none">❖ Maintain warmth in the shed,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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ADVISORY FOR DISTRICT: PAPUM PARE

Weather summary of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall: 0.0 mm; T. Max: 29.0°C; T. Min: 11.0°C ; RH: 47-79%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28.0-28.3°C and 8.9-9.3°C respectively. Expected morning and evening relative humidity will be 60-62% and 29-36% respectively. Wind direction is mainly SSW with average wind speed range of 6.4-6.7 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/flowering	White rust/Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry
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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 16 th December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 12.9-13.0°C and -6.0—5.7°C respectively. Expected morning and evening relative humidity will be 59-60% and 4-21% respectively. Wind direction is mainly variable with average wind speed range of 8.8-9.7 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

FIELD CROPS

Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none"> ❖ Harvesting of the standing crop is advised in a priority basis. ❖ Sun-dry the harvested crop before storage. ❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul style="list-style-type: none"> ❖ Spraying of Dimethoate @ 2 ml per litre of water ❖ Collect and dispose off the heavily infested twigs, ❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of late crop should be done immediately, ❖ Go for light irrigation in vegetative or germination stage ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,

VEGETABLES

Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none"> ❖ Light irrigation is essential, ❖ Regular monitoring against DBM and Cabbage caterpillar. ❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none"> ❖ Periodical hand picking of dead shoots and fruits and its destruction,

HORTICULTURAL CROPS

Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none"> ❖ In present weather conditions regularly collect and dispose off fallen fruits, ❖ Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none"> ❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth. ❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts. ❖ Apply Bordeaux paste

LIVESTOCKS

Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> ❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. ❖ Vaccination of birds as per the recommended age, ❖ Avoid dampness, litter should be periodically changed. ❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none"> ❖ Deworming at regular interval
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	<ul style="list-style-type: none"> ❖ Maintain warmth in the shed,

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



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District Level Agro-met Advisory Bulletin
Arunachal Pradesh

(Period: 12th to 16th December, 2018)

No: AMFU-Basar/2018/98

Dated: Tue, 11th December, 2018



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 16 th December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28.3-28.7°C and 9.0-9.2°C respectively. Expected morning and evening relative humidity will be 61-62% and 32-35% respectively. Wind direction is mainly ESE with average wind speed range of 3.8-4.4 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			
Mustard	Vegetative/flowering	White rust/Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry
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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 16 th December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 23.0-23.3°C and 5.0-5.5°C respectively. Expected morning and evening relative humidity will be 60-61% and 30-39% respectively. Wind direction is mainly SW & WSW with average wind speed range of 7.7-8.0 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			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none">❖ Harvesting of the standing crop is advised in a priority basis.❖ Sun-dry the harvested crop before storage.❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul style="list-style-type: none">❖ Spraying of Dimethoate @ 2 ml per litre of water❖ Collect and dispose off the heavily infested twigs,❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none">❖ Sowing of late crop should be done immediately,❖ Go for light irrigation in vegetative or germination stage❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Regular monitoring against DBM and Cabbage caterpillar.❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none">❖ Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none">❖ In present weather conditions regularly collect and dispose off fallen fruits,❖ Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.❖ Apply Bordeaux paste
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.❖ Vaccination of birds as per the recommended age,❖ Avoid dampness, litter should be periodically changed.❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	<ul style="list-style-type: none">❖ Maintain warmth in the shed,
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ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
Daporijo: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 8.0-8.5°C respectively. Expected morning and evening relative humidity will be 60-61% and 27-35% respectively. Wind direction is mainly NNW with average wind speed range of 7.7-8.4 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			
Mustard	Vegetative/flowering	White rust/Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry

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

ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 16 th December 2018
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm; Kalaktang: 2.8 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 23.0-23.3°C and 5.0-5.5°C respectively. Expected morning and evening relative humidity will be 60-61% and 18-29% respectively. Wind direction is mainly NW & NNW wind speed range of 8.8-9.4 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			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none">❖ Harvesting of the standing crop is advised in a priority basis.❖ Sun-dry the harvested crop before storage.❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity & improve harvesting condition. This would also enable early & easy preparation of field for next crop(Rabi),
Mustard	Vegetative/ Flowering	Aphid/ Painted bug	<ul style="list-style-type: none">❖ Spraying of Dimethoate @ 2 ml per litre of water❖ Collect and dispose off the heavily infested twigs,❖ For painted bug dusting with wood ash is advised,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none">❖ Sowing of late crop should be done immediately,❖ Go for light irrigation in vegetative or germination stage❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Cauliflower/ Cabbage/ Broccoli/ Knolkhol	Vegetative/ Maturing/	Diamond Back moth (DBM)/ Cabbage caterpillar	<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Regular monitoring against DBM and Cabbage caterpillar.❖ Manual removal of egg mass/caterpillars is advised,
Brinjal	Fruiting/ Maturity	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none">❖ Periodical hand picking of dead shoots and fruits and its destruction,
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	<ul style="list-style-type: none">❖ In present weather conditions regularly collect and dispose off fallen fruits,❖ Spray Dicofol @ 1.5ml or wettable sulphur@3g per litre of water at the interval of 15 days if the infestation persists.
Peach/kiwi/apple / pears	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.❖ Maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.❖ Apply Bordeaux paste
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none">❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.❖ Vaccination of birds as per the recommended age,❖ Avoid dampness, litter should be periodically changed.❖ Provide clean and fresh water daily.
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval
Pig/Cattle/ Yak	Pigs/ Piglets	Cold	<ul style="list-style-type: none">❖ Maintain warmth in the shed,
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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 16 th December 2018
Rainfall: 0.0 mm, Max. T: 22.1°C, Min. T: 5.0°C, Wind Speed: 3-6 km/h, RH: 49-98%, Wind Direction: SW & NNE	Mostly sunny with possibility of light rain. Daily maximum and minimum temperature for the following period is predicted to be 28.0-28.3°C and 8.9-9.5°C respectively. Expected morning and evening relative humidity will be 60-62% and 29-38% respectively. Wind direction is mainly NW & WNW with average wind speed range of 7.2-7.5 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			
Mustard	Vegetative/ flowering	White rust/ Downy mildew	❖ Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days interval against White rust/Downy mildew.
Pea	Sowing	Cut worm	❖ Sowing of quality seed should not be prolonged further, ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
Kharif Rice	Harvesting		❖ Dry & properly winnow the grains for safe storage.
VEGETABLES			
Cabbage/ cauliflower	Vegetative	Leaf eating insects	❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea
Carrot	Vegetative		❖ Light irrigation is essential, ❖ Light interculture operations should be done,
Potato	Vegetative	Early Blight/ Aphid	❖ Monitor the crop for symptoms of blight. ❖ Foliar spraying with DithaneM45 @2.5grams per litre of water on detection of blight. ❖ Earthing up is advised, ❖ Apply fertilizer
HORTICULTURAL CROPS			
Banana	All stages		❖ Cleaning around the crop, ❖ Mulching with straw/crop residue at root zone to avoid frost injury.
Citrus crop	Harvesting	Fruit Fly 	❖ Racking of soil to disturb pupating flies, ❖ Collection of fallen fruit in polythene bags and burying in deep soil is advise, ❖ Harvest the fruit by keeping a stalk is advised as it increase the self-life of the fruit, ❖ After harvesting grade the fruits.
Orchards (guava, apple, pears etc)			❖ If harvesting is over, maintain proper framework of the plant & remove the unnecessary branches & diseased plant parts.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals, ❖ Provide proper bedding materials and close all the ventilations in the house to avoid cold waves at night.
Poultry	All stages	Coccidiosis	❖ Provide anti-coccidial drugs for poultry

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