



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



(Period: 8th to 12th December, 2018)

No: AMFU-Basar/2018/97

Dated: Fri, 7th 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 12 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 16.0°C and 8.0°C respectively. Expected morning and evening relative humidity will be 86-93% and 21-30% respectively. Wind direction is mainly SSE with average wind speed range of 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	Germination Vegetative	Ants	<ul style="list-style-type: none">❖ Light irrigation recommended❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/germination/vegetative	Cut worm	<ul style="list-style-type: none">❖ 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/		<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	<ul style="list-style-type: none">❖ Spray Indofil <u>m-45 @2.5ml/lit</u> covering both above/under surfaces for prevention against late blight in tomato and potato.
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.
Fish	-		<ul style="list-style-type: none">❖ Partial harvesting,❖ Frequent stirring of pond water and keep pond free of weeds and others
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 12 th December 2018
Rainfall: 0.0 mm, Max. T: 23.1°C, Min. T: 6.8°C, Wind Speed: 3-6 km/h, RH: 51-97%, Wind Direction: WS & NNW	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 50-62% and 20-31% 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/pestsSoil 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 daysCheck 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	Germination Vegetative	Ants	<ul style="list-style-type: none">❖ Light irrigation recommended❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/germination/vegetative	Cut worm	<ul style="list-style-type: none">❖ 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/		<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	<ul style="list-style-type: none">❖ Spray Indofilm-45 @2.5ml/lit covering both above/under surfaces for prevention against late blight in tomato and potato.
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.
Fish	-		<ul style="list-style-type: none">❖ Partial harvesting,❖ Frequent stirring of pond water and keep pond free of weeds and others
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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Dated: Fri, 7th December, 2018



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

ADVISORY FOR DISTRICT: CHANGLANG

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

Weather summery of the previous week	Weather forecast valid up to 12 th 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 26-27°C and 11.0°C respectively. Expected morning and evening relative humidity will be 48-58% and 20-26% respectively. Wind direction is mainly WSW with average wind speed range of 4-5 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.
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			



Block Level Experimental Agro-met Advisory Bulletin

(Period: 8th to 12th December, 2018)

No: AMFU-Basar/2018/46

Dated: Fri, 7th December, 2018



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 12 th December 2018
NA	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 52-65% and 21-31% 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• 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.
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: UPPER DIBANG VALLEY

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

Weather summary of the previous week	Weather forecast valid up to 12 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 16°C and 8°C respectively. Expected morning and evening relative humidity will be 86-93% and 22-46% respectively. Wind direction is mainly E & SE with average wind speed range of 8-10 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	Germination Vegetative	Ants	<ul style="list-style-type: none">❖ Light irrigation recommended❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/germination/vegetative	Cut worm	<ul style="list-style-type: none">❖ 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		<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	<ul style="list-style-type: none">❖ Spray Indofil m-45 @2.5ml/lit covering both above/under surfaces for prevention against late blight in tomato and potato.
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.
Fish	-		<ul style="list-style-type: none">❖ Partial harvesting,❖ Frequent stirring of pond water and keep pond free of weeds and others
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval

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

ADVISORY FOR DISTRICT: EAST KAMENG

Weather summary of the previous week	Weather forecast valid up to 12 th December 2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 22°C and 11°C respectively. Expected morning and evening relative humidity will be 85-93% and 25-46% respectively. Wind direction is mainly SSW with average wind speed range of 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			
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: EAST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 12 th December 2018
Rainfall: 0.0 mm; T. Max: 26.0°C; T. Min: 15.0°C ; RH: 66-80%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 12-13.0°C respectively. Expected morning and evening relative humidity will be 83-92% and 25-35% respectively. Wind direction is mainly W with average wind speed range of 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.
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 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 12 th December 2018
NA	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 51-67% and 25-34% 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• 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	Germination Vegetative	Ants	<ul style="list-style-type: none">❖ Light irrigation recommended❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/germination/vegetative	Cut worm	<ul style="list-style-type: none">❖ 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/		<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	<ul style="list-style-type: none">❖ Spray Indofilm-45 @2.5ml/lit covering both above/under surfaces for prevention against late blight in tomato and potato.
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.
Fish	-		<ul style="list-style-type: none">❖ Partial harvesting,❖ Frequent stirring of pond water and keep pond free of weeds and others
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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No: AMFU-Basar/2018/97

Dated: Fri, 7th 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 12 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 16°C and 8°C respectively. Expected morning and evening relative humidity will be 86-93% and 27-54% respectively. Wind direction is mainly WNW with average wind speed range of 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			
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	Germination Vegetative	Ants	<ul style="list-style-type: none">❖ Light irrigation recommended❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/germination/vegetative	Cut worm	<ul style="list-style-type: none">❖ 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/		<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	<ul style="list-style-type: none">❖ Spray Indofil m-45 @2.5ml/lit covering both above/under surfaces for prevention against late blight in tomato and potato.
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.
Fish	-		<ul style="list-style-type: none">❖ Partial harvesting,❖ Frequent stirring of pond water and keep pond free of weeds and others
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: 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 12 th December 2018
NA	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 48-62% and 26-36% 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.
WRC rice – Main crop (<i>Mipun</i>)	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
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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 12 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 22°C and 11°C respectively. Expected morning and evening relative humidity will be 85-93% and 18-27% respectively. Wind direction is mainly NE average wind speed range of 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/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

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

ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summary of the previous week	Weather forecast valid up to 12 th 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 22°C and 11°C respectively. Expected morning and evening relative humidity will be 85-93% and 19-30% respectively. Wind direction is mainly SE with average wind speed range of 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/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
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: LOWER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 12 th December 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 22°C and 11°C respectively. Expected morning and evening relative humidity will be 85-93% and 26-63% respectively. Wind direction is mainly NW & WNW with average wind speed range of 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			
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	Germination Vegetative	Ants	<ul style="list-style-type: none"> ❖ Light irrigation recommended ❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/germination/vegetative	Cut worm	<ul style="list-style-type: none"> ❖ 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/		<ul style="list-style-type: none"> ❖ Light irrigation is essential, ❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	<ul style="list-style-type: none"> ❖ Spray Indofil m-45 @2.5ml/lit covering both above/under surfaces for prevention against late blight in tomato and potato.
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.
Fish	-		<ul style="list-style-type: none"> ❖ Partial harvesting, ❖ Frequent stirring of pond water and keep pond free of weeds and others
Pig	All stages		<ul style="list-style-type: none"> ❖ Deworming at regular interval

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ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 12 th December 2018
Rainfall: 0.0 mm; T. Max: 29.0°C; T. Min: 12.0°C ; RH: 60-84%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 12-13°C respectively. Expected morning and evening relative humidity will be 83-92% and 30-59% respectively. Wind direction is mainly SSW with average wind speed range of 6 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

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

ADVISORY FOR DISTRICT: TAWANG

Weather summary of the previous week	Weather forecast valid up to 12 th December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 9°C and -2°C respectively. Expected morning and evening relative humidity will be 88-95% and 13-24% respectively. Wind direction is mainly E with average wind speed range of 7-8 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			
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	Germination Vegetative	Ants	<ul style="list-style-type: none">❖ Light irrigation recommended❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/germination/vegetative	Cut worm	<ul style="list-style-type: none">❖ 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/		<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	<ul style="list-style-type: none">❖ Spray Indofil <u>m-45 @2.5ml/lit</u> covering both above/under surfaces for prevention against late blight in tomato and potato.
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.
Fish	-		<ul style="list-style-type: none">❖ Partial harvesting,❖ Frequent stirring of pond water and keep pond free of weeds and others
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: TIRAP

Weather summary of the previous week	Weather forecast valid up to 12 th December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 10-11°C respectively. Expected morning and evening relative humidity will be 84-93% and 32-45% respectively. Wind direction is mainly ESE with average wind speed range of 3 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.
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
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District Level Agro-met Advisory Bulletin
Arunachal Pradesh

(Period: 8th to 12th December, 2018)

No: AMFU-Basar/2018/97

Dated: Fri, 7th December, 2018



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

ADVISORY FOR DISTRICT: UPPER SIANG

Weather summery of the previous week	Weather forecast valid up to 12 th December 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 16°C and 8°C respectively. Expected morning and evening relative humidity will be 86-93% and 30-60% respectively. Wind direction is mainly SW & WSW with average wind speed range of 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			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		❖ 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	Germination Vegetative	Ants	❖ Light irrigation recommended ❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/ germination/ vegetative	Cut worm	❖ 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/ harvesting		❖ Light irrigation is essential, ❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	❖ Spray Indofil m-45 @2.5ml/lit covering both above/under surfaces for prevention against late blight in tomato and potato.
HORTICULTURAL CROPS			
Khasi Mandarin	Maturing Harvesting	Citrus mite	❖ 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)		❖ 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		❖ 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.
Fish	-		❖ Partial harvesting, ❖ Frequent stirring of pond water and keep pond free of weeds and others
Pig	All stages		❖ Deworming at regular interval

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

ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 12 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 22°C and 11°C respectively. Expected morning and evening relative humidity will be 85-93% and 26-68% respectively. Wind direction is mainly NNW with average wind speed range of 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/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
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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 12 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 16°C and 8°C respectively. Expected morning and evening relative humidity will be 86-93% and 23-42% respectively. Wind direction is mainly NW wind speed range of 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			
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	Germination Vegetative	Ants	<ul style="list-style-type: none">❖ Light irrigation recommended❖ Protect the seeds from ants by seed treatments,
Pea	Sowing/ germination/ vegetative	Cut worm	<ul style="list-style-type: none">❖ 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/		<ul style="list-style-type: none">❖ Light irrigation is essential,❖ Spray micronutrient like Tracel @ 0.2% in cole crops to overcome micro-nutritional deficiencies
Tomato/potato	Vegetative	Late Blight	<ul style="list-style-type: none">❖ Spray Indofil m-45 @2.5ml/lit covering both above/under surfaces for prevention against late blight in tomato and potato.
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.
Fish	-		<ul style="list-style-type: none">❖ Partial harvesting,❖ Frequent stirring of pond water and keep pond free of weeds and others
Pig	All stages		<ul style="list-style-type: none">❖ Deworming at regular interval

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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 12 th December 2018
Rainfall: 0.0 mm, Max. T: 23.1°C, Min. T: 6.8°C, Wind Speed: 3-6 km/h, RH: 51-97%, Wind Direction: WS & NNW	Mostly sunny with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 25.5-26.8°C and 10.9-12.0°C respectively. Expected morning and evening relative humidity will be 73-79% and 26-39% respectively. Wind direction is mainly NW & WNW with 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			
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
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