



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



(Period: 23rd to 28th November, 2018)

No: AMFU-Basar/2018/94

Dated: Fri, 23rd November, 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 28 th November 2018
No weather summary available	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.6-28.8°C and 13.7-15.3°C respectively. Expected morning and evening relative humidity will be 75-85% and 40-49% respectively. Wind direction is mainly SE & ESE with average wind speed range of 7.9-10.1 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			
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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none"> ❖ Monitor for possible attack of leaf-eating insects ❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of quality seed may be done at the earliest ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none"> ❖ For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none"> ❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc. ❖ Transplanting of healthy seedlings may be done in well prepared field, ❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"> ❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none"> ❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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			



Block Level Experimental Agro-met Advisory Bulletin

(Period: 23rd to 28th November, 2018)

No: AMFU-Basar/2018/43

Dated: Fri, 23rd November, 2018



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 28 th November 2018
Rainfall: 0.0 mm, Max. T: 23.1°C, Min. T: 8.5°C, Wind Speed: 5-6 km/h, RH: 59-95%, Wind Direction: WS	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 27-29°C and 13-15°C respectively. Expected morning and evening relative humidity will be 49-70% and 18-27% 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/pestsApplication of fertilizers/manure can be done during clear/dry daysProper drainage to all crop to avoid runoffCheck of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none">❖ Monitor for possible attack of leaf-eating insects❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none">❖ Sowing of quality seed may be done at the earliest❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none">❖ For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none">❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.❖ Transplanting of healthy seedlings may be done in well prepared field,❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none">❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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.❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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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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 28 th November 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 25.7-27.0°C and 13.4-14.7°C respectively. Expected morning and evening relative humidity will be 85-90% and 45-56% respectively. Wind direction is mainly SE & ESE with average wind speed range of 4.5-4.8 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	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil ^m -45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Broccoli/	Vegetative	Cut worm/ Damping off	❖ Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		❖ Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	❖ 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
Cattle	All stages		❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,

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 28 th November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 13-15°C respectively. Expected morning and evening relative humidity will be 54-74% and 19-29% 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• 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	Sowing/ Vegetative	Aphids	<ul style="list-style-type: none">❖ Sowing recommended❖ Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug Rat	<ul style="list-style-type: none">❖ 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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	<ul style="list-style-type: none">❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		<ul style="list-style-type: none">❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none">❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Broccoli/	Vegetative	Cut worm/ Damping off	<ul style="list-style-type: none">❖ Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables.❖ Maintain proper moisture level in the crop field,❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		<ul style="list-style-type: none">❖ Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none">❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul style="list-style-type: none">❖ 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		<ul style="list-style-type: none">❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations.❖ Provide adequate potable drinking water
Cattle	All stages		<ul style="list-style-type: none">❖ Provide paddy straws for cushioning to the newly born calves,❖ Lighting to maintain warmth in the shade,❖ As green feeds supply will decrease, provide quality feeds,
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: UPPER DIBANG VALLEY

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

Weather summary of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 27.3-29.2°C and 14.0-15.4°C respectively. Expected morning and evening relative humidity will be 80-90% and 45-50% respectively. Wind direction is mainly ESE & SE with average wind speed range of 8.8-11.8 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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none">❖ Monitor for possible attack of leaf-eating insects❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none">❖ Sowing of quality seed may be done at the earliest❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none">• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none">❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.❖ Transplanting of healthy seedlings may be done in well prepared field,❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none">❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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.❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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: EAST KAMENG

Weather summary of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.4-29.6°C and 15.6-16.6°C respectively. Expected morning and evening relative humidity will be 78-87% and 44-49% respectively. Wind direction is mainly SW & SSW with average wind speed range of 6.7-7.3 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	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil m-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	❖ Need based foliar spray of Sulfex @2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolkhol/ Broccoli/	Vegetative	Cut worm/ Damping off	❖ Spray micronutrients (multiplex @ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		❖ Remove dry/diseased/old tillers & branches & spray Bio NPK @ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	❖ 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
Cattle	All stages		❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,
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 summary of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall: 0.0 mm; T. Max: 27.0°C; T. Min: 17.0°C ; RH: 69-87%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.8-28.9°C and 12.9-14.4°C respectively. Expected morning and evening relative humidity will be 78-87% and 46-54% respectively. Wind direction is mainly WSW with average wind speed range of 5.4-5.8 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			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Sowing/ Vegetative	Aphids	<ul style="list-style-type: none"> Sowing recommended Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug Rat	<ul style="list-style-type: none"> 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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	<ul style="list-style-type: none"> Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		<ul style="list-style-type: none"> Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none"> Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Broccoli/	Vegetative	Cut worm/ Damping off	<ul style="list-style-type: none"> Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables. Maintain proper moisture level in the crop field, Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		<ul style="list-style-type: none"> Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"> Collect & dispose rotten fallen fruits/ install fruitfly traps
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> 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		<ul style="list-style-type: none"> Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. Provide adequate potable drinking water
Cattle	All stages		<ul style="list-style-type: none"> Provide paddy straws for cushioning to the newly born calves, Lighting to maintain warmth in the shade, As green feeds supply will decrease, provide quality feeds,
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 28 th November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 25-27°C and 12-15°C respectively. Expected morning and evening relative humidity will be 60-79% and 24-34% 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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none">❖ Monitor for possible attack of leaf-eating insects❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none">❖ Sowing of quality seed may be done at the earliest❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none">❖ For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none">❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.❖ Transplanting of healthy seedlings may be done in well prepared field,❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none">❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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.❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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/2018/94

Dated: Fri, 23rd November, 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 28 th November 2018
Rainfall (Koloriang): 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.3-30.5°C and 8.9-10.4°C respectively. Expected morning and evening relative humidity will be 75-90% and 45-49% respectively. Wind direction is mainly WNW & NW with average wind speed range of 7.4-9.6 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			
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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none">❖ Monitor for possible attack of leaf-eating insects❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none">❖ Sowing of quality seed may be done at the earliest❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none">• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none">❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.❖ Transplanting of healthy seedlings may be done in well prepared field,❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none">❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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.❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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			



Block Level Experimental Agro-met Advisory Bulletin

(Period: 23rd to 28th November, 2018)

No: AMFU-Basar/2018/43

Dated: Fri, 23rd November, 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 28 th November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 25-26°C and 14-15°C respectively. Expected morning and evening relative humidity will be 64-74% and 35-42% 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• 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	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Broccoli/	Vegetative	Cut worm/ Damping off	❖ Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		❖ Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	❖ 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
Cattle	All stages		❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,
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: LOHIT

Weather summery of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall: 0.0 mm (Tezu)	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.2-27.8°C and 14.1-15.1°C respectively. Expected morning and evening relative humidity will be 79-90% and 44-49% respectively. Wind direction is mainly NE average wind speed range of 6.9-7.9 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	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil ^{m-45} @2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Brocolli/	Vegetative	Cut worm/ Damping off	❖ Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		❖ Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	❖ 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
Cattle	All stages		❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,
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: LOWER DIBANG VALLEY

Weather summary of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall (Roing): 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 27.3-29.1°C and 14.3-15.1°C respectively. Expected morning and evening relative humidity will be 75-89% and 40-49% respectively. Wind direction is mainly SE & SSE with average wind speed range of 7.4.-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	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil m-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	❖ Need based foliar spray of Sulfex @2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolkhol/ Broccoli/	Vegetative	Cut worm/ Damping off	❖ Spray micronutrients (multiplex @ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		❖ Remove dry/diseased/old tillers & branches & spray Bio NPK @ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	❖ 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
Cattle	All stages		❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,

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 summery of the previous week	Weather forecast valid up to 28 th November 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28.1-31.3°C and 9.7-14.4°C respectively. Expected morning and evening relative humidity will be 74-89% and 44-49% respectively. Wind direction is mainly NW & WNW with average wind speed range of 6.6-7.2 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none"> ❖ Monitor for possible attack of leaf-eating insects ❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none"> ❖ Sowing of quality seed may be done at the earliest ❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none"> • For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none"> ❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc. ❖ Transplanting of healthy seedlings may be done in well prepared field, ❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"> ❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none"> ❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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. ❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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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ADVISORY FOR DISTRICT: PAPUM PARE

Weather summery of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall: 0.0 mm; T. Max: 29.0°C; T. Min: 14.0°C ; RH: 59-87%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 27.3-29.3°C and 14.4-15.5°C respectively. Expected morning and evening relative humidity will be 79-87% and 45-49% respectively. Wind direction is mainly SSW & SW with average wind speed range of 5.8-6.0 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Sowing/ Vegetative	Aphids	<ul style="list-style-type: none"> ❖ Sowing recommended ❖ Spray Indofil^{m-45@2.5g/l} as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
WRC rice – Main crop (<i>Mipun</i>)	Maturing	Gundhi bug Rat	<ul style="list-style-type: none"> ❖ 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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	<ul style="list-style-type: none"> ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		<ul style="list-style-type: none"> ❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none"> ❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Brocolli/	Vegetative	Cut worm/ Damping off	<ul style="list-style-type: none"> ❖ Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		<ul style="list-style-type: none"> ❖ Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"> ❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> ❖ 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		<ul style="list-style-type: none"> ❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. ❖ Provide adequate potable drinking water
Cattle	All stages		<ul style="list-style-type: none"> ❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,
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: TAWANG

Weather summery of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 17.6-18.8°C and 2.5-3.5°C respectively. Expected morning and evening relative humidity will be 75-83% and 45-49% respectively. Wind direction is mainly E with average wind speed range of 8.4-11.7 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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none">❖ Monitor for possible attack of leaf-eating insects❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none">❖ Sowing of quality seed may be done at the earliest❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none">• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none">❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.❖ Transplanting of healthy seedlings may be done in well prepared field,❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none">❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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.❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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			



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



(Period: 23rd to 28th November, 2018)

No: AMFU-Basar/2018/94

Dated: Fri, 23rd November, 2018



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

ADVISORY FOR DISTRICT: TIRAP

Weather summery of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 26.1-27.2°C and 13.8-14.2°C respectively. Expected morning and evening relative humidity will be 85-95% and 45-50% respectively. Wind direction is mainly ESE with average wind speed range of 4.0-4.5 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"> • 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	Sowing/ Vegetative	Aphids	<ul style="list-style-type: none"> ❖ Sowing recommended ❖ Spray Indofil m-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug Rat	<ul style="list-style-type: none"> ❖ 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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	<ul style="list-style-type: none"> ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		<ul style="list-style-type: none"> ❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none"> ❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Broccoli/	Vegetative	Cut worm/ Damping off	<ul style="list-style-type: none"> ❖ Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		<ul style="list-style-type: none"> ❖ Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"> ❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> ❖ 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		<ul style="list-style-type: none"> ❖ Provide adequate bedding materials & warmth@ 2watts/chick & close all ventilations. ❖ Provide adequate potable drinking water
Cattle	All stages		<ul style="list-style-type: none"> ❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,
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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 28 th November 2018
Rainfall: 0.0 mm	Generally clear/dry weather forecasted Daily maximum and minimum temperature for the following period is predicted to be 27.5-30.0°C and 14.1-15.3°C respectively. Expected morning and evening relative humidity will be 85-87% and 41-48% respectively. Wind direction is mainly SW with average wind speed range of 7.4-10.2 kmph.
Warning:	

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none">❖ Monitor for possible attack of leaf-eating insects❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none">❖ Sowing of quality seed may be done at the earliest❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none">• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none">❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.❖ Transplanting of healthy seedlings may be done in well prepared field,❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none">❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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.❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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: UPPER SUBANSIRI

Weather summary of the previous week	Weather forecast valid up to 28 th November 2018
Daporijo: NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28.1-30.6°C and 15.3-15.7°C respectively. Expected morning and evening relative humidity will be 72-86% and 45-50% respectively. Wind direction is mainly NNW with average wind speed range of 7.7-9.3 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil ^m -45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	❖ Need based foliar spray of Sulfex @2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Broccoli/	Vegetative	Cut worm/ Damping off	❖ Spray micronutrients (multiplex @ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		❖ Remove dry/diseased/old tillers & branches & spray Bio NPK @ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	❖ 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
Cattle	All stages		❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,
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: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 28 th November 2018
Rainfall = Bomdila: NA ; Bhalukpong: 0.0 mm; Kalaktang: 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28.5-30.0°C and 15.9-17.1°C respectively. Expected morning and evening relative humidity will be 72-89% and 45-50% respectively. Wind direction is mainly NW wind speed range of 7.8-9.4 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),
Black Gram & Green Gram	Vegetative	Leaf eating insects/ Powdery mildew	<ul style="list-style-type: none">❖ Monitor for possible attack of leaf-eating insects❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	<ul style="list-style-type: none">❖ Sowing of quality seed may be done at the earliest❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none">• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none">❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.❖ Transplanting of healthy seedlings may be done in well prepared field,❖ Provide proper drainage in nursery/field
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none">❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none">❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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.❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.
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: 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 28 th November 2018
Rainfall: 0.0 mm, Max. T: 23.1°C, Min. T: 8.5°C, Wind Speed: 5-6 km/h, RH: 59-95%, Wind Direction: WS	Generally clear/dry weather forecasted with possibility of light rain on 24 th Nov. Daily maximum and minimum temperature for the following period is predicted to be 27.7-30.5°C and 13.9-15.0°C respectively. Expected morning and evening relative humidity will be 56-87% and 40-49% respectively. Wind direction is mainly NW with average wind speed range of 6.8-8.8 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			
Mustard	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil ^m -45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
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,
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.
VEGETABLES			
Potato	Vegetative		❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	❖ Periodical hand picking of dead shoots and fruits and its destruction,
Cauliflower /Cabbage/Knolk hol/Broccoli/	Vegetative	Cut worm/ Damping off	❖ Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables. ❖ Maintain proper moisture level in the crop field, ❖ Due to wet environment there is possibility of attack of Cut worm. If infestation is very high, to protect the seedlings apply Carbaryl (Sevin) 5% as bait @ 10 kg per acre.
HORTICULTURAL CROPS			
Large Cardamom	Vegetative		❖ Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
Citrus	Fruiting/ maturity	Fruit fly	❖ 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
Cattle	All stages		❖ Provide paddy straws for cushioning to the newly born calves, ❖ Lighting to maintain warmth in the shade, ❖ As green feeds supply will decrease, provide quality feeds,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			