



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



(Period: 21<sup>st</sup> to 25<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/93

Dated: Tue, 20<sup>th</sup> 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 summery of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
No weather summary available	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 23.5-24.8°C and 12.5-13.5°C respectively. Expected morning and evening relative humidity will be 85% and 40-49% respectively. Wind direction is mainly SE & SSE with average wind speed range of 7.5-9.1 kmph.
<b>Warning:</b>	❖

**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
<b>FIELD CROPS</b>			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		<ul style="list-style-type: none"><li>❖ <b>Harvesting of the standing crop is advised in a priority basis.</b></li><li>❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity &amp; improve harvesting condition. This would also enable early &amp; easy preparation of field for next crop(Rabi),</li></ul>
Black Gram & Green Gram	Vegetative	Powdery mildew	<ul style="list-style-type: none"><li>❖ Monitor for possible attack of leaf-eating insects</li><li>❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew</li></ul>
Pea	Sowing	Cut worm	<ul style="list-style-type: none"><li>❖ Sowing of quality seed may be done at the earliest</li><li>❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li></ul>
<b>VEGETABLES</b>			
Carrot	Sowing		<ul style="list-style-type: none"><li>❖ For better germination soak seed in water overnight, shade dry and sow right away.</li></ul>
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none"><li>❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.</li><li>❖ Transplanting of healthy seedlings may be done in well prepared field,</li><li>❖ Provide proper drainage in nursery/field</li></ul>
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"><li>❖ Collect &amp; dispose rotten fallen fruits/ install fruitfly traps</li></ul>
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none"><li>❖ Training &amp; pruning of diseased/criss-cross branches to harvest more solar energy &amp; for proper growth.</li></ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>❖ Provide adequate bedding materials &amp; warmth@ 2watts/chick &amp; close all ventilations.</li><li>❖ Vaccination of birds as per the recommended age,</li><li>❖ Avoid dampness, litter should be periodically changed.</li><li>❖ Provide clean and fresh water daily.</li><li>❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li></ul>
Fish	-		<ul style="list-style-type: none"><li>❖ Partial harvesting,</li><li>❖ Frequent stirring of pond water and keep pond free of weeds and others</li></ul>
Pig	All stages		<ul style="list-style-type: none"><li>❖ Deworming at regular interval</li></ul>
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 25 <sup>th</sup> November 2018
Rainfall: 0.0 mm, Max. T: 21.5°C, Min. T: 8.5°C, Wind Speed: 4-6 km/h, RH: 65-95%, Wind Direction: WNW	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 15-16°C respectively. Expected morning and evening relative humidity will be 60-84% and 24-41% respectively. Wind direction is mainly NNW with average wind speed range of 4 kmph.
<b>Warning:</b>	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"><li>• Monitor for possible attack of insects/pests</li><li>• Application of fertilizers/manure can be done during clear/dry days</li><li>• Proper drainage to all crop to avoid runoff</li><li>• Check of vaccination schedule in poultry/livestock</li></ul>			
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"><li>❖ <b>Harvesting of the standing crop is advised in a priority basis.</b></li><li>❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity &amp; improve harvesting condition. This would also enable early &amp; easy preparation of field for next crop(Rabi),</li></ul>
Black Gram & Green Gram	Vegetative	Powdery mildew	<ul style="list-style-type: none"><li>❖ Monitor for possible attack of leaf-eating insects</li><li>❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew</li></ul>
Pea	Sowing	Cut worm	<ul style="list-style-type: none"><li>❖ Sowing of quality seed may be done at the earliest</li><li>❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li></ul>
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none"><li>❖ For better germination soak seed in water overnight, shade dry and sow right away.</li></ul>
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none"><li>❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.</li><li>❖ Transplanting of healthy seedlings may be done in well prepared field,</li><li>❖ Provide proper drainage in nursery/field</li></ul>
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"><li>❖ Collect &amp; dispose rotten fallen fruits/ install fruitfly traps</li></ul>
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none"><li>❖ Training &amp; pruning of diseased/criss-cross branches to harvest more solar energy &amp; for proper growth.</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>❖ Provide adequate bedding materials &amp; warmth@ 2watts/chick &amp; close all ventilations.</li><li>❖ Vaccination of birds as per the recommended age,</li><li>❖ Avoid dampness, litter should be periodically changed.</li><li>❖ Provide clean and fresh water daily.</li><li>❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li></ul>
Fish	-		<ul style="list-style-type: none"><li>❖ Partial harvesting,</li><li>❖ Frequent stirring of pond water and keep pond free of weeds and others</li></ul>
Pig	All stages		<ul style="list-style-type: none"><li>❖ Deworming at regular interval</li></ul>
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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(Period: 21<sup>st</sup> to 25<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/93

Dated: Tue, 20<sup>th</sup> November, 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 25 <sup>th</sup> November 2018
Rainfall = Changlang: NA Miao: 0.0 mm	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 25.6-26.2°C and 14.4-15.7°C respectively. Expected morning and evening relative humidity will be 70-75% and 37-40% respectively. Wind direction is mainly SE & SSE with average wind speed range of 4.5-4.6 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
Mustard	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil <sup>m</sup> -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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
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,
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,

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## Block Level Experimental Agro-met Advisory Bulletin

(Period: 21<sup>st</sup> to 25<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/42

Dated: Tue, 20<sup>th</sup> November, 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 25 <sup>th</sup> November 2018
NA	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28°C and 15-16°C respectively. Expected morning and evening relative humidity will be 63-87% and 25-40% respectively. Wind direction is mainly NNW with average wind speed range of 4 kmph.
<b>Warning:</b>	•

#### 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
<b>FIELD CROPS</b>			
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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
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,
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,

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(Period: 21<sup>st</sup> to 25<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/93

Dated: Tue, 20<sup>th</sup> November, 2018



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 25 <sup>th</sup> November 2018
Rainfall = 0.0 mm	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.3-25.1°C and 12.5-13.4°C respectively. Expected morning and evening relative humidity will be 71-90% and 40-65% respectively. Wind direction is mainly SE with average wind speed range of 7.8-10.1 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		❖ <b>Harvesting of the standing crop is advised in a priority basis.</b> ❖ 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	Powdery mildew	❖ Monitor for possible attack of leaf-eating insects ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	❖ 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,
<b>VEGETABLES</b>			
Carrot	Sowing		• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/Cauliflower/Knolkhol/Others	Transplanting/Vegetative		❖ 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
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruiting/maturity	Fruit fly	❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
<b>LIVESTOCKS</b>			
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. ❖ 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	-		❖ 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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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 25 <sup>th</sup> November 2018
Rainfall = 0.0 mm	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 26-28.7°C and 12.2-15.7°C respectively. Expected morning and evening relative humidity will be 59-87% and 26-46% respectively. Wind direction is mainly S & SSW with average wind speed range of 6.8-7.2 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>Precautionary Practices to be followed</b>
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals,
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 summery of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
Rainfall: 73.2 mm; T. Max: 25.0°C; T. Min: 16.0°C ; RH: 68-100%	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.4-26.3°C and 13.2-15.4°C respectively. Expected morning and evening relative humidity will be 63-80% and 28-39% respectively. Wind direction is mainly WSW with average wind speed range of 5.2-5.5 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
Mustard	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil <sup>m</sup> -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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
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,
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			



ब्लॉक स्तर प्रयोगात्मक कृषि मौसम सलाहकार सेवा पत्रिका

Block Level Experimental Agro-met Advisory Bulletin

(Period: 21<sup>st</sup> to 25<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/42

Dated: Tue, 20<sup>th</sup> November, 2018



Gramin Krishi Mausam Sewa

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

ADVISORY FOR BLOCK: GENSI

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

Weather summery of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
NA	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 25-27°C and 14-15°C respectively. Expected morning and evening relative humidity will be 67-83% and 31-41% respectively. Wind direction is mainly NNW with average wind speed range of 4-5 kmph.
<b>Warning:</b>	•

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		❖ <b>Harvesting of the standing crop is advised in a priority basis.</b> ❖ 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	Powdery mildew	❖ Monitor for possible attack of leaf-eating insects ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	❖ 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		❖ For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		❖ 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	❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		❖ 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		❖ 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	-		❖ Partial harvesting, ❖ Frequent stirring of pond water and keep pond free of weeds and others
Pig	All stages		❖ 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: 21<sup>st</sup> to 25<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/93

Dated: Tue, 20<sup>th</sup> 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 25 <sup>th</sup> November 2018
Rainfall (Koloriang): 25.8 mm	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 22.5-23.5°C and 12.5-13.4°C respectively. Expected morning and evening relative humidity will be 75-80% and 40-65% respectively. Wind direction is mainly SE with average wind speed range of 7.8-10.1 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		❖ <b>Harvesting of the standing crop is advised in a priority basis.</b> ❖ 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	Powdery mildew	❖ Monitor for possible attack of leaf-eating insects ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	❖ 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,
<b>VEGETABLES</b>			
Carrot	Sowing		• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/Cauliflower/Knolkhol/Others	Transplanting/Vegetative		❖ 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
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruiting/maturity	Fruit fly	❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
<b>LIVESTOCKS</b>			
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. ❖ 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	-		❖ Partial harvesting, ❖ Frequent stirring of pond water and keep pond free of weeds and others
Pig	All stages		❖ 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: 21<sup>st</sup> to 25<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/42

Dated: Tue, 20<sup>th</sup> 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 25 <sup>th</sup> November 2018
NA	<b>Generally clear/dry weather forecasted.</b> 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 3-4 kmph.
<b>Warning:</b>	•

#### GENERAL RECOMMENDATIONS

- 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
<b>FIELD CROPS</b>			
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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
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,
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: LOHIT**

Weather summery of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
Rainfall: 19.4 mm (Tezu)	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.2-25.3°C and 14.2-15.4°C respectively. Expected morning and evening relative humidity will be 75-80% and 34-40% respectively. Wind direction is mainly NE average wind speed range of 6.5-7.4 kmph.
<b>Warning</b>	•

**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
<b>FIELD CROPS</b>			
Mustard	Sowing/ Vegetative	Aphids	<ul style="list-style-type: none"> <li>❖ Sowing recommended</li> <li>❖ Spray Indofil<sup>m</sup>-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
WRC rice – Main crop (Mipun)	Maturing	Gundhi bug  Rat	<ul style="list-style-type: none"> <li>❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b></li> <li>❖ Threshing and proper drying is important</li> <li>❖ Herein, farmers are advised not to kill snakes as far as possible, as they are the main biological agent which check rodent population,</li> </ul>
Black Gram/ Green Gram/ Pea	Vegetative	Powdery Mildew	<ul style="list-style-type: none"> <li>❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea.</li> </ul>
<b>VEGETABLES</b>			
Potato	Vegetative		<ul style="list-style-type: none"> <li>❖ Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> </ul>
Brinjal	Fruiting	Brinjal Shoot and Fruit Borer	<ul style="list-style-type: none"> <li>❖ Periodical hand picking of dead shoots and fruits and its destruction,</li> </ul>
Cauliflower /Cabbage/Knolk hol/Brocolli/	Vegetative	Cut worm/ Damping off	<ul style="list-style-type: none"> <li>❖ Spray micronutrients (multiplex@ 0.2%) to control nutritional deficiency in cole crops/vegetables.</li> <li>❖ Maintain proper moisture level in the crop field,</li> <li>❖ 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.</li> </ul>
<b>HORTICULTURAL CROPS</b>			
Large Cardamom	Vegetative		<ul style="list-style-type: none"> <li>❖ Remove dry/diseased/old tillers &amp; branches &amp; spray Bio NPK@ 2ml/lit water for proper growth.</li> </ul>
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"> <li>❖ Collect &amp; dispose rotten fallen fruits/ install fruitfly traps</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Swine fever	<ul style="list-style-type: none"> <li>❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature</li> <li>❖ Care pregnant animals,</li> </ul>
Poultry	All stages		<ul style="list-style-type: none"> <li>❖ Provide adequate bedding materials &amp; warmth@ 2watts/chick &amp; close all ventilations.</li> <li>❖ Provide adequate potable drinking water</li> </ul>
Cattle	All stages		<ul style="list-style-type: none"> <li>❖ Provide paddy straws for cushioning to the newly born calves,</li> <li>❖ Lighting to maintain warmth in the shade,</li> <li>❖ As green feeds supply will decrease, provide quality feeds,</li> </ul>
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/2018/93

Dated: Tue, 20<sup>th</sup> November, 2018



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

**ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY**

Weather summary of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
Rainfall (Roing): 25.8 mm	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.7-25.7°C and 12.5-13.4°C respectively. Expected morning and evening relative humidity will be 75-80% and 28-85% respectively. Wind direction is mainly SE with average wind speed range of 7-7.9 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
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,
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,

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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 25 <sup>th</sup> November 2018
NA	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 26.2-27°C and 12.4-12.9°C respectively. Expected morning and evening relative humidity will be 70-82% and 40-48% respectively. Wind direction is mainly NW & WNW with average wind speed range of 6.3-7.1 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		❖ <b>Harvesting of the standing crop is advised in a priority basis.</b> ❖ 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	Powdery mildew	❖ Monitor for possible attack of leaf-eating insects ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	❖ 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,
<b>VEGETABLES</b>			
Carrot	Sowing		• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/Cauliflower/Knolkhol/Others	Transplanting/Vegetative		❖ 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
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruiting/maturity	Fruit fly	❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
<b>LIVESTOCKS</b>			
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. ❖ 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	-		❖ 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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**ADVISORY FOR DISTRICT: PAPUM PARE**

Weather summery of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
Rainfall: 18.2 mm; T. Max: 28.0°C; T. Min: 14.0°C ; RH: 65-96%	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 25.9-27.5°C and 14.5-15.5°C respectively. Expected morning and evening relative humidity will be 70-83% and 35-51% respectively. Wind direction is mainly SSW with average wind speed range of 5.7-6.1 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
Mustard	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil <sup>m</sup> -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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
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,
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			



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



(Period: 21<sup>st</sup> to 25<sup>th</sup> November, 2018)

No: AMFU-Basar/2018/93

Dated: Tue, 20<sup>th</sup> November, 2018



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

**ADVISORY FOR DISTRICT: TAWANG**

Weather summary of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
Rainfall: 4.0 mm	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 10-11.5°C and 2.1-3.1°C respectively. Expected morning and evening relative humidity will be 85-90% and 25-29% respectively. Wind direction is mainly E with average wind speed range of 8.5-9.9 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
Kharif Rice (Normal transplanted)	Physiological maturity/harvesting		❖ <b>Harvesting of the standing crop is advised in a priority basis.</b> ❖ 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	Powdery mildew	❖ Monitor for possible attack of leaf-eating insects ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	❖ 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,
<b>VEGETABLES</b>			
Carrot	Sowing		• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/Cauliflower/Knolkhol/Others	Transplanting/Vegetative		❖ 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
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruiting/maturity	Fruit fly	❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
<b>LIVESTOCKS</b>			
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. ❖ 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	-		❖ 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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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 25 <sup>th</sup> November 2018
Rainfall: 6.8 mm	Generally clear/dry weather forecasted with possibility of very light rain on 21 <sup>st</sup> Nov. Daily maximum and minimum temperature for the following period is predicted to be 24.3-26.3°C and 14.6-15.1°C respectively. Expected morning and evening relative humidity will be 74-93% and 38-56% respectively. Wind direction is mainly ESE with average wind speed range of 3.7-4.2 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
<b>FIELD CROPS</b>			
Mustard	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil <a href="#">m-45@2.5g/l</a> 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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
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,
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,
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**ADVISORY FOR DISTRICT: UPPER SIANG**

Weather summery of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
Rainfall: 66.0 mm	<b>Generally clear/dry weather forecasted with possibility of light rain on 21<sup>st</sup> &amp; 22<sup>nd</sup> Nov.</b> Daily maximum and minimum temperature for the following period is predicted to be 25.1-27.2°C and 11.8-12.7°C respectively. Expected morning and evening relative humidity will be 64-86% and 35-57% respectively. Wind direction is mainly SW with average wind speed range of 6.5-8.6 kmph.
Warning:	

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none"><li>• Monitor for possible attack of insects/pests</li><li>• Application of fertilizers/manure can be done during clear/dry days</li><li>• Proper drainage to all crop to avoid runoff</li><li>• Check of vaccination schedule in poultry/livestock</li></ul>			
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"><li>❖ <b>Harvesting of the standing crop is advised in a priority basis.</b></li><li>❖ Drain excess water in the field 7-10 days before harvesting to hasten maturity &amp; improve harvesting condition. This would also enable early &amp; easy preparation of field for next crop(Rabi),</li></ul>
Black Gram & Green Gram	Vegetative	Powdery mildew	<ul style="list-style-type: none"><li>❖ Monitor for possible attack of leaf-eating insects</li><li>❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew</li></ul>
Pea	Sowing	Cut worm	<ul style="list-style-type: none"><li>❖ Sowing of quality seed may be done at the earliest</li><li>❖ When damage level is high application of Lannate 40 SP @ 5 gram per 10 litre of water may be done,</li></ul>
VEGETABLES			
Carrot	Sowing		<ul style="list-style-type: none"><li>• For better germination soak seed in water overnight, shade dry and sow right away.</li></ul>
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		<ul style="list-style-type: none"><li>❖ Spray Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc.</li><li>❖ Transplanting of healthy seedlings may be done in well prepared field,</li><li>❖ Provide proper drainage in nursery/field</li></ul>
HORTICULTURAL CROPS			
Citrus	Fruiting/ maturity	Fruit fly	<ul style="list-style-type: none"><li>❖ Collect &amp; dispose rotten fallen fruits/ install fruitfly traps</li></ul>
Peach	Vegetative (harvesting over)		<ul style="list-style-type: none"><li>❖ Training &amp; pruning of diseased/criss-cross branches to harvest more solar energy &amp; for proper growth.</li></ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"><li>❖ Provide adequate bedding materials &amp; warmth@ 2watts/chick &amp; close all ventilations.</li><li>❖ Vaccination of birds as per the recommended age,</li><li>❖ Avoid dampness, litter should be periodically changed.</li><li>❖ Provide clean and fresh water daily.</li><li>❖ Artificial heating through lighting of electric bulb during night time to protect the poultry birds (day old to 25 days old) from low temperature.</li></ul>
Fish	-		<ul style="list-style-type: none"><li>❖ Partial harvesting,</li><li>❖ Frequent stirring of pond water and keep pond free of weeds and others</li></ul>
Pig	All stages		<ul style="list-style-type: none"><li>❖ Deworming at regular interval</li></ul>
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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 25 <sup>th</sup> November 2018
Daporijo: NA	<b>Generally clear/dry weather forecasted with possibility of very light rain on 21<sup>st</sup> &amp; 22<sup>nd</sup> Nov.</b> Daily maximum and minimum temperature for the following period is predicted to be 24.9-26.9°C and 12.9-14.7°C respectively. Expected morning and evening relative humidity will be 62-91% and 40-54% respectively. Wind direction is mainly NNW with average wind speed range of 6.2-8.3 kmph.
<b>Warning:</b>	•

**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
<b>FIELD CROPS</b>			
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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>▪ Precautionary Practices to be followed</b>
Pigs	All stages	Swine fever	❖ Make sure they have adequate dry bedding, lethargic pigs may have pneumonia-check temperature ❖ Care pregnant animals,
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,
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**ADVISORY FOR DISTRICT: WEST KAMENG**

Weather summery of the previous week	Weather forecast valid up to 25 <sup>th</sup> November 2018
Rainfall = Bomdila: NA ; Bhalukpong: 15.2 mm; Kalaktang: 1.1 mm	<b>Generally clear/dry weather forecasted.</b> Daily maximum and minimum temperature for the following period is predicted to be 23.3-24.5°C and 10.5-11.3°C respectively. Expected morning and evening relative humidity will be 60-88% and 23-44% respectively. Wind direction is mainly NW wind speed range of 7.6-8.6 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
<b>FIELD CROPS</b>			
Kharif Rice (Normal transplanted)	Physiological maturity/ harvesting		❖ <b>Harvesting of the standing crop is advised in a priority basis.</b> ❖ 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	Powdery mildew	❖ Monitor for possible attack of leaf-eating insects ❖ Need based foliar spray of Sulfex@2g/lit water to control powdery mildew
Pea	Sowing	Cut worm	❖ 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,
<b>VEGETABLES</b>			
Carrot	Sowing		• For better germination soak seed in water overnight, shade dry and sow right away.
Cabbage/ Cauliflower/ Knolkhol/ Others	Transplanting/ Vegetative		❖ 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
<b>HORTICULTURAL CROPS</b>			
Citrus	Fruiting/ maturity	Fruit fly	❖ Collect & dispose rotten fallen fruits/ install fruitfly traps
Peach	Vegetative (harvesting over)		❖ Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
<b>LIVESTOCKS</b>			
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. ❖ 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	-		❖ Partial harvesting, ❖ Frequent stirring of pond water and keep pond free of weeds and others
Pig	All stages		❖ De-worming 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 25 <sup>th</sup> November 2018
Rainfall: 0.0 mm, Max. T: 21.5°C, Min. T: 8.5°C, Wind Speed: 4-6 km/h, RH: 65-95%, Wind Direction: WNW	Generally clear/dry weather forecasted with possibility of light rain on 21 <sup>st</sup> and 22 <sup>nd</sup> Nov. Daily maximum and minimum temperature for the following period is predicted to be 25.5-27.6°C and 14.2-15.9°C respectively. Expected morning and evening relative humidity will be 68- 87% and 34-56% respectively. Wind direction is mainly NW with average wind speed range of 5.8-7.7 kmph.
Warning:	

**GENERAL RECOMMENDATIONS**

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

**DETAILS OF ADVISORIES FOR THE PERIOD**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Mustard	Sowing/ Vegetative	Aphids	❖ Sowing recommended ❖ Spray Indofil <sup>m</sup> -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	❖ <b>Harvesting of the standing crop is advised only during clear/dry days,</b> ❖ Threshing and proper 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.
<b>VEGETABLES</b>			
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.
<b>HORTICULTURAL CROPS</b>			
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
<b>LIVESTOCKS</b>			
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,
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			