



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

(Period: 17th to 21st October, 2018)

No: AMFU-Basar/2018/83

Dated: Tue, 16th October, 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 21 st October 2018
No weather summary available	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 18-20°C and 11-13°C respectively. Expected morning and evening relative humidity will be 64-84% and 20-44% respectively. Wind direction is mainly SSE with average wind speed range of 7-8 kmph.
Warning:	•

GENERAL RECOMMENDATIONS			
<ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Application of fertilizers/manure can be done during clear/dry days• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
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 21 st October 2018
Rainfall: 12.4 mm, Max. T: 26.7 °C, Min. T: 14.3°C, Wind Speed: 2-6 km/h, RH: 63-93%, Wind Direction: NNW	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 29-30°C and 19-20°C respectively. Expected morning and evening relative humidity will be 75-90% and 33-45% respectively. Wind direction is mainly NNW with average wind speed range of 3-4 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			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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

ADVISORY FOR DISTRICT: CHANGLANG

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

Weather summary of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall = Changlang: NA Miao: 31.4 mm	Mostly sunny with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 29-32°C and 18-19°C respectively. Expected morning and evening relative humidity will be 75-94% and 33-52% respectively. Wind direction is mainly SE & SSE with average wind speed range of 3-4 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			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be prioritized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @ 3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.
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 21 st October 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 29-30°C and 19-20°C respectively. Expected morning and evening relative humidity will be 79-93% and 34-45% respectively. Wind direction is mainly NNW with average wind speed range of 3-4 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			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.
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ADVISORY FOR DISTRICT: UPPER DIBANG VALLEY

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

Weather summery of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall = 0.0 mm	Mostly sunny weather forecasted possibility of moderate rain on 16th October. Daily maximum and minimum temperature for the following period is predicted to be 18-20°C and 11-13°C respectively. Expected morning and evening relative humidity will be 80-89% and 42-57% respectively. Wind direction is mainly SE & SSE with average wind speed range of 7-8 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
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ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: EAST KAMENG

Weather summery of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall = 11.5 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 15-16°C respectively. Expected morning and evening relative humidity will be 87-92% and 46-50% respectively. Wind direction is mainly S & SSW with average wind speed range of 5-7 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			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.
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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 21 st October 2018
Rainfall: 67.2 mm; T. Max: 30.0°C; T. Min: 20.0°C ; RH: 84-100%	Mostly sunny/partly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 29-32°C and 18-19°C respectively. Expected morning and evening relative humidity will be 80-89% and 41-56% respectively. Wind direction is mainly WSW with average wind speed range of 5-6 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			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.

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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 21 st October 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 28-30°C and 19-20°C respectively. Expected morning and evening relative humidity will be 82-93% and 39-51% 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			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
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: 17th to 21st October, 2018)

No: AMFU-Basar/2018/83

Dated: Tue, 16th October, 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 21 st October 2018
Rainfall (Koloriang): 1.6 mm	Mostly sunny/partly cloudy with possibility of light rain. Daily maximum and minimum temperature for the following period is predicted to be 18-20°C and 11-13°C respectively. Expected morning and evening relative humidity will be 90-93% and 47-56% respectively. Wind direction is mainly W & WNW with average wind speed range of 5-7 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
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: 17th to 21st October, 2018)

No: AMFU-Basar/2018/37

Dated: Tuesday, 16th October, 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 21 st October 2018
NA	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 29-30°C and 19-20°C respectively. Expected morning and evening relative humidity will be 75-87% and 45-56% respectively. Wind direction is mainly NNW with average wind speed range of 3-4 kmph.
Warning:	•

GENERAL RECOMMENDATIONS <ul style="list-style-type: none">• Monitor for possible attack of insects/pests• Do not go for fertilizer/manure applications• Proper drainage to all crop to avoid runoff• Check of vaccination schedule in poultry/livestock			
DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.
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 summary of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall: 46.7 mm (Tezu)	Partly cloudy with possibility of light/moderate rain.. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 15-16°C respectively. Expected morning and evening relative humidity will be 66-90% and 28-47% respectively. Wind direction is mainly ENE average wind speed range of 6-7 kmph.
Warning	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be prioritized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @ 3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.

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



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

ADVISORY FOR DISTRICT: LOWER DIBANG VALLEY

Weather summery of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall (Roing): 8.8 mm	Mostly sunny/partly cloudy with possibility of light/moderate rain on 16th and 17th Oct. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 15-16°C respectively. Expected morning and evening relative humidity will be 74-87% and 37-49% respectively. Wind direction is mainly SE with average wind speed range of 6-8 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.

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 21 st October 2018
NA	Partly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 15-16°C respectively. Expected morning and evening relative humidity will be 88-95% and 51-74% respectively. Wind direction is mainly NW with average wind speed range of 4-7 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
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: PAPUM PARE

Weather summary of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall: 26.5 mm; T. Max: 30.0°C; T. Min: 20.0°C ; RH: 85-93%	Sunny/partly cloudy with possibility of light/moderate rain.. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 19-20°C respectively. Expected morning and evening relative humidity will be 86-94% and 56-73% respectively. Wind direction is mainly S & SW with average wind speed range of 4-6 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			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be prioritized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @ 3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	▪ Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.
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: TAWANG

Weather summery of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall: 7.0 mm	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 11-12°C and 05-06°C respectively. Expected morning and evening relative humidity will be 87-94% and 27-38% respectively. Wind direction is mainly NW & NNW with average wind speed range of 6-7 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			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	▪ Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			



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District Level Agro-met Advisory Bulletin
Arunachal Pradesh

(Period: 17th to 21st October, 2018)

No: AMFU-Basar/2018/83

Dated: Tue, 16th October, 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 21 st October 2018
Rainfall: 24.0 mm	Partly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 29-32°C and 18-19°C respectively. Expected morning and evening relative humidity will be 88-96% and 53-63% respectively. Wind direction is mainly SSE & ESE with average wind speed range of 2-3 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			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and coddung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	▪ Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.
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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 21 st October 2018
Rainfall: 9.8 mm	Partly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 18-20°C and 11-13°C respectively. Expected morning and evening relative humidity will be 85-91% and 48-60% respectively. Wind direction is mainly SW & WSW with average wind speed range of 5-7 kmph.
Warning:	

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
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ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 21 st October 2018
Daporijo: 2.4 mm	Mostly sunny/ partly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 15-16°C respectively. Expected morning and evening relative humidity will be 89-95% and 50-64% respectively. Wind direction is mainly WNW & NNW with average wind speed range of 4-6 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			
Rice	Milking and Maturing stage.	•	<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Black gram	Pod formation and harvesting	Blister Beetle	<ul style="list-style-type: none">❖ Harvesting should be done when pod turns pale yellow colour.❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	<ul style="list-style-type: none">❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times.❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm.❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%.❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	<ul style="list-style-type: none">❖ Tree trunk should be painted with 1% Bordeaux paste.❖ Plant basin should be kept weed free.❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended.❖ Spray COC @ 0.25% after removing the infected branches❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		<ul style="list-style-type: none">❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	<ul style="list-style-type: none">❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production.❖ Frequent raking and liming of deep litter materials.❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.

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ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 62.0 mm; Kalaktang: NA	Sunny/partly cloudy with possibility of no rainfall. Daily maximum and minimum temperature for the following period is predicted to be 18-20°C and 11-13°C respectively. Expected morning and evening relative humidity will be 90-95% and 46-53% respectively. Wind direction is mainly NW & NNW wind speed range of 6-7 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Milking and Maturing stage.		<ul style="list-style-type: none">❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions,❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done,❖ Rat management should be priotized,
Soybean	Mature/ harvesting		<ul style="list-style-type: none">❖ Immediately harvest soybean to prevent rotting of seed in standing crops & thoroughly dry in sun.
VEGETABLES			
Potato	Seed procurement stage		<ul style="list-style-type: none">❖ Transplanting of healthy seedlings may be done in well prepared field. On a sunny day protect the newly transplanted seedlings by providing shade. Provide adequate water till the establishment of the seedlings,❖ Preparation of raised nursery may be done,❖ Seed rate:- Hybrid-200-300 grams (for one hectare area), Others-500-600 grams❖ Soil drenching of nursery with 2gm/litre water of Bavistin, if symptoms of damping off /wilting are observed. Uproot and destroy the wilted seedlings by deep burial.
Carrot	Sowing		<ul style="list-style-type: none">❖ Carrot: for better germination soak seed in water overnight, shade dry and sow right away.
Rabi Vegetables	Sowing/ seedling		<ul style="list-style-type: none">❖ Spray Captaf@2g/lit water in winter vegetables nursery to prevent damping off/seedling rot.❖ Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables during clear/dry weather.
HORTICULTURAL CROPS			
Citrus	Maturity/ Harvesting		<ul style="list-style-type: none">❖ Spraying of NAA@2ml/5lit of water recommended to prevent pre-harvest fruit drop in citrus/oranges.❖ Install fruit-fly traps.❖ Install methyl eugenol fruit fly trap/spray Spinosad 2.5 sc@2ml/10 lit. water against fruit fly in citrus.
Banana	Fruiting		<ul style="list-style-type: none">❖ Banana: Cover newly emerged bunches with locally available sack to protect from cold/frost.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	Piglet		<ul style="list-style-type: none">❖ Provide adequate bedding material (paddy straw, rice husk) to newly born piglets
Poultry	All stages		<ul style="list-style-type: none">❖ Provide anti-coccidial drugs to poultry
Cattle/Mithun	All stages	FMD	<ul style="list-style-type: none">❖ Vaccination against FMD under vet supervision.
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ADVISORY FOR DISTRICT: WEST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 21 st October 2018
Rainfall: 12.4 mm, Max. T: 26.7 °C, Min. T: 14.3°C, Wind Speed: 2-6 km/h, RH: 63-93%, Wind Direction: NNW	Mostly sunny/ partly cloudy with possibility of moderate rain.. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 19-20°C respectively. Expected morning and evening relative humidity will be 87-94% and 51-65% respectively. Wind direction is mainly NW & W with average wind speed range of 4-6 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			
Rice	Milking and Maturing stage.	•	❖ Harvesting of mature <i>Mipun</i> rice may be done in the present weather conditions, ❖ Those <i>Mipun</i> crop which is in flowering and grain filling stage, protection of crop from Gundhi bug should be done, ❖ Rat management should be priotized,
Black gram	Pod formation and harvesting	Blister Beetle	❖ Harvesting should be done when pod turns pale yellow colour. ❖ Collection and destruction of Blister beetles and spraying of Neem oil 5 @3ml/lit should be done.
VEGETABLES			
Tomato	Flowering/ fruiting	• Fruit borer/ white fly/ late blight	❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 days interval for 2-3 times. ❖ Installation of sex pheromone traps @ 2-3 traps/1000 sqm. ❖ Removal of infected leaves/ plant and drenching/ spray with copper oxychloride @ 0.25 % or Bordeaux mixture @ 1%. ❖ Harvesting of mature green tomato should be done for distant market and pinkish/ reddish for local market.
HORTICULTURAL CROPS			
Citrus	Fruit maturity	Trunk borer/ leaf miner, scab, aphid and felt disease	❖ Tree trunk should be painted with 1% Bordeaux paste. ❖ Plant basin should be kept weed free. ❖ For leaf miner and aphids management, application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre at 15 days interval for 2-3 times is recommended. ❖ Spray COC @ 0.25% after removing the infected branches ❖ Regular monitoring for detection of trunk borer infestation at the base of the trunk is advised. If wooden frass is observed, cleaning and insertion of cotton soaked in kerosene and plastered with clay and cowdung mixture.
Ginger	Seed rhizome		❖ Identify healthy plants for seed rhizomes.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages	Coccidiosis, Ranikhet disease	❖ 16 hrs of light (natural and electrical) should be provided to adult birds for optimum egg production. ❖ Frequent raking and liming of deep litter materials. ❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. ❖ Maintenance of brooder temperature for chicks with the help of electrical bulbs for initial one month.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			