

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA
(Integrated Agro-Meteorological Advisory Services)



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

District: Anjaw

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 m amsl

Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
No weather summary available	Partly/moderately cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 21-22°C and 07-11°C respectively. Expected morning and evening relative humidity will be 85-91% and 30-47% respectively. Wind direction is mainly ENE and E with average wind speed range of 4-5 kmph.
Warning:	<ul style="list-style-type: none">Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Spraying operation should be done only on dry/clear weather**
- Obtain seeds from reputed/certified/reliable source**
- Use fertilizers/pesticides as per recommended doses for the location**
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides**
- Warning: Spraying of DDT in crops is lethal**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> On clear/dry day, need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%). On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Suspend all spray operation.
HORTICULTURAL CROPS			
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Pineapple	Harvesting		<ul style="list-style-type: none"> After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	All stages		<ul style="list-style-type: none"> Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultry shed during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Fishery			<ul style="list-style-type: none"> Keep fish stocking density thin @1200/ha
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helminthic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helminthic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Mithun		FMD	<ul style="list-style-type: none"> Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. Pregnant animals above 7 months of pregnancy should be avoided from vaccination.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

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GRAMIN KRISHI MAUSAM SEWA
(Integrated Agro-Meteorological Advisory Services)



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

District: Changlang

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



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

Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = Changlang: 0.0 mm Miao: 0.0 mm	Partly cloudy with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 25-27°C and 12-14°C respectively. Expected morning and evening relative humidity will be 82-87% and 17-35% respectively. Wind direction is mainly ESE with speed range of 4-6 kmph.
Warning	<ul style="list-style-type: none">Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
VEGETABLES			
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using sticker if rains. Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight on clear/dry day or using proper sticker.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend spray operation till further advisory.
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
HORTICULTURAL CROPS			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant using sticker in case of rainfall. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth Provide sugar syrup
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Goat	All stages		<ul style="list-style-type: none"> Deworming for gastrointestinal parasite
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Poultry	All stages		<ul style="list-style-type: none"> Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold

			by using gunny bags/plastic sheets around the poultryshed during night, <ul style="list-style-type: none">• Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
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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Agrometeorological Field Unit
ICAR, BASAR

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GRAMIN KRISHI MAUSAM SEWA
(Integrated Agro-Meteorological Advisory Services)



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

District: Dibang Valley

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



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

Weather summery of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = 1.0 mm (Anini)	Partly/moderately cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 20-22°C and 06-10°C respectively. Expected morning and evening relative humidity will be 83-87% and 28-80% respectively. Wind direction is mainly variable with speed range of 5-8 kmph.
Warning:	<ul style="list-style-type: none">Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for spray operation only on dry/clear weather.
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
Black Gram & Green Gram	Vegetative		<ul style="list-style-type: none"> Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea
VEGETABLES			
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using sticker in case of rainfall. Red Ants: - Drenching with Chlorpyrifos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spraying operations.
HORTICULTURAL CROPS			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant on clear/dry day or using stickers. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Pineapple	Harvesting		<ul style="list-style-type: none"> After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Cover the boxes with locally available dry grass or straw to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Heavy mortality in cloven footed animals has been reported. Supportive treatment of infected animals under supervision of veterinary department officials,

			<ul style="list-style-type: none">• Avoid mixing of infected and healthy animals,• Keep infected animals separated from the healthy ones,• Vaccinate the healthy animals against FMD (Through State Veterinary Dept.)• Provide feed supplements
Poultry	All stages		<ul style="list-style-type: none">• Day old chick-Maintain warmth by lighting,• In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night,• Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Mithun		FMD	<ul style="list-style-type: none">• Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.• Pregnant animals above 7 months of pregnancy should be avoided.
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
(Integrated Agro-Meteorological Advisory Services)



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

District: East Kameng

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = 0.0 mm	Partly/moderately cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 23-26°C and 12-15°C respectively. Expected morning and evening relative humidity will be 75-87% and 37-50% respectively. Expected wind direction is mainly SE & SSE with speed range of 5 kmph.
Warning:	<ul style="list-style-type: none"> Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight on clear/dry day or using stickers. Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear. Spray with neem based pesticides against aphids on clear/dry day or using stickers
HORTICULTURAL CROPS			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit on clear/dry day. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Pineapple	Active vegetative		<ul style="list-style-type: none"> Remove excess suckers to increase fruit size and improve quality.
Ginger/Turmeric	Seedling		<ul style="list-style-type: none"> Mulching with locally available materials like dry grass/paddy straw recommended Proper drainage to be done and avoid water stagnation Earthing up of ginger/turmeric along with basal application of required fertilizer should be done
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and

			<div>lukewarm food & water</div> <div><div></div>Provide feed supplements</div>
Poultry	All stages		<div><div><div>Day old chick-Maintain warmth by lighting,</div><div>In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night,</div></div></div> <div><div></div>Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.</div>
Fishery			<div><div><div>Application of quick lime is highly recommended in order to rectify water pH.</div><div>Application of fish feed (mustard oil cake) is essential for achieving higher yield</div></div></div>
Mithun		FMD	<div><div><div>Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.</div><div>Pregnant animals above 7 months of pregnancy should be avoided.</div></div></div>
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

(Integrated Agro-Meteorological Advisory Services)



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

District: East Siang

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



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

Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall: 0.0 mm; T. Max: 26.0°C; T. Min: 15.0°C ; RH: 64-74%	Partly cloudy with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 11-13°C respectively. Expected morning and evening relative humidity will be 77-84% and 36-43% respectively. Expected wind direction is mainly NNW with speed range of 3-6 kmph.
Warning:	<ul style="list-style-type: none">Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using proper sticker. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects using sticker in case of rainfall
Mustard	Vegetative	Aphid	<ul style="list-style-type: none"> When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using sticker in case of rainfall
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight on clear/dry days Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spray operations
HORTICULTURAL CROPS			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit on clear/dry days. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Kiwi	Harvesting		<ul style="list-style-type: none"> Should be harvested by snapping their stalks Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Cover the boxes with locally available dry grass or straw to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Heavy mortality in cloven footed animals has been reported. Supportive treatment of infected animals under supervision of veterinary department officials, Avoid mixing of infected and healthy animals,

			<ul style="list-style-type: none">• Keep infected animals separated from the healthy ones,• Vaccinate the healthy animals against FMD (Through State Veterinary Dept.)• Provide feed supplements
Poultry	All stages		<ul style="list-style-type: none">• Day old chick-Maintain warmth by lighting,• In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night,• Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Mithun		FMD	<ul style="list-style-type: none">• Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.• Pregnant animals above 7 months of pregnancy should be avoided.
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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Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



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

District: Kurung Kumey

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



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

Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Past weather summary not available	Partly/moderately cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 20-22°C and 06-10°C respectively. Expected morning and evening relative humidity will be 83-87% and 36-80% respectively. Wind direction is mainly variable with wind speed range of 5-8 kmph.
Warning	<ul style="list-style-type: none">Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Spray operations should be done only on dry/clear weather or in extreme case use stickers**
- Go for low cost polyhouses for year round cultivation of vegetables**
- Obtain seeds from reputed/certified/reliable source**
- Use fertilizers/pesticides as per recommended doses for the location**
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides**
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing**
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
VEGETABLES			
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight on clear/dry day or using sticker in case of rainfall Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spray operation and application of fertilizers etc.
HORTICULTURAL CROPS			
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using sticker in case of rainfall. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Pineapple	Harvesting		<ul style="list-style-type: none"> After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Honey Bees			
			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Poultry	All stages		<ul style="list-style-type: none"> Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold

			by using gunny bags/plastic sheets around the poultryshed during night, <ul style="list-style-type: none">• Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Mithun		FMD	<ul style="list-style-type: none">• Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.• Pregnant animals above 7 months of pregnancy should be avoided.
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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Agrometeorological Field Unit
ICAR, BASAR

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



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

District: Lohit

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = 0.0 mm	Partly cloudy with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 24-24°C and 11-13°C respectively. Expected morning and evening relative humidity will be 77-84% and 36-43% respectively. Wind direction is mainly NNW with speed range of 3-6 kmph.
Warning:	<ul style="list-style-type: none">Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Spraying operation should be done only on dry/clear weather
- Go for low cost poly-houses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
Mustard	Vegetative	Aphid	<ul style="list-style-type: none"> When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using sticker in case of rainfall
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using sticker Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spray and fertilizer applications
HORTICULTURAL CROPS			
Large Cardamom	Fruiting	Chirkey Disease	<ul style="list-style-type: none"> Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth on clear/dry days.
Citrus	Maturity/ harvesting	Bark eating caterpillar, Gummosis	<ul style="list-style-type: none"> In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel. Collect dropped fruits & dispose by putting in airtight bags or bury deep in ground. Harvest the mature fruit with stalk and store in dry places. Dead wood pruning may be done after harvesting of crop followed by spraying of fungicide, Carbendazim @ 1gm/lit of water. Breakdown the soil collected around the tree trunk
Banana	All stages	Sigatoka Leaf spot	<ul style="list-style-type: none"> One sword sucker may be allowed after shooting (Flowering), Periodical removal of side suckers by cutting them above the ground level, scoop the core and pour 2 ml of kerosene in the core, Foliar spray of Propiconazole (e.g., Tilt) @ 1 ml per litre of wate using stickers
Kiwi	Harvesting		<ul style="list-style-type: none"> Should be harvested by snapping their stalks Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Cover the boxes with locally available dry grass or straw to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water

Cattle	All stages	FMD	<ul style="list-style-type: none">• Animals should be given lukewarm feed and water.• Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.• Provide proper bedding materials especially to new-born and lukewarm food & water• Heavy mortality in cloven footed animals has been reported.• Supportive treatment of infected animals under supervision of veterinary department officials,• Avoid mixing of infected and healthy animals,• Keep infected animals separated from the healthy ones,• Vaccinate the healthy animals against FMD (Through State Veterinary Dept.)• Provide feed supplements
Poultry	All stages		<ul style="list-style-type: none">• Day old chick-Maintain warmth by lighting,• In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night,• Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Mithun		FMD	<ul style="list-style-type: none">• Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.• Pregnant animals above 7 months of pregnancy should be avoided.
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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**Agrometeorological Field Unit
ICAR, BASAR**

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA
(Integrated Agro-Meteorological Advisory Services)



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

District: Lower Dibang Valley

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = 0.0 mm (Roing)	Partly cloudy with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 11-13°C respectively. Expected morning and evening relative humidity will be 77-84% and 36-43% respectively. Wind direction is mainly NNW with speed range of 3-6 kmph.
Warning:	<ul style="list-style-type: none">• Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
Mustard	Vegetative	Aphid	<ul style="list-style-type: none"> When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using sticker in case of rainfall
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spray operations and fertilization
HORTICULTURAL CROPS			
Large Cardamom	Fruiting	Chirkey Disease	<ul style="list-style-type: none"> Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth on clear/dry days.
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using stickers. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	Multiple stages	Sigatoka Leaf spot	<ul style="list-style-type: none"> One sword sucker may be allowed after shooting (Flowering), Periodical removal of side suckers by cutting them above the ground level, scoop the core and pour 2 ml of kerosene in the core, Foliar spray of Propiconazole (e.g., Tilt) @ 1 ml per litre of wate using stickers in case of rainfall.
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General <ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water

			<ul style="list-style-type: none">• Heavy mortality in cloven footed animals has been reported.• Supportive treatment of infected animals under supervision of veterinary department officials,• Avoid mixing of infected and healthy animals,• Keep infected animals separated from the healthy ones,• Vaccinate the healthy animals against FMD (Through State Veterinary Dept.)• Provide feed supplements
Poultry	All stages		<ul style="list-style-type: none">• Day old chick-Maintain warmth by lighting,• In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultry shed during night,• Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Goat	All stages		<ul style="list-style-type: none">• Deworming for gastrointestinal parasite
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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Agrometeorological Field Unit
ICAR, BASAR

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



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

District: Lower Subansiri

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = NA	Partly cloudy with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 11-13°C respectively. Expected morning and evening relative humidity will be 77-84% and 36-43% respectively. Wind direction is mainly NNW with speed range of 3-6 kmph.
Warning:	• Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
VEGETABLES			
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using sticker in case of rainfall Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear. Spray with neem based pesticides against aphids on clear/dry day
HORTICULTURAL CROPS			
Pineapple	Harvesting		<ul style="list-style-type: none"> After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using sticker if rains. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born

			piglets and lukewarm food & water
Poultry	All stages		<ul style="list-style-type: none">• Day old chick-Maintain warmth by lighting,• In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night,• Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Mithun		FMD	<ul style="list-style-type: none">• Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.• Pregnant animals above 7 months of pregnancy should be avoided.
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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Agrometeorological Field Unit
ICAR, BASAR

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



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

District: Papum Pare

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall: 0.0 mm; T. Max: 29.0°C; T. Min: 13.0°C ; RH: 64-77%	Partly/mostly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 25-28°C and 14-16°C respectively. Expected morning and evening relative humidity will be 75-85% and 41-56% respectively. Expected wind direction mainly variable with speed range of 3-5 kmph.
Warning:	<ul style="list-style-type: none">Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
Mustard	Vegetative	Aphid	<ul style="list-style-type: none"> When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall
Maize	Harvesting	Rat	<ul style="list-style-type: none"> Harvest mature cobs and dry properly before storing Use locally available traps to control rats menace
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using stickers in case of rainfall Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spray operations and fertilizer applications.
HORTICULTURAL CROPS			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Gummosis	<ul style="list-style-type: none"> In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel. Collect dropped fruits & dispose by putting in airtight bags or bury deep in ground. Harvest the mature fruit with stalk and store in dry places. Dead wood pruning may be done after harvesting of crop followed by spraying of fungicide, Carbendazim @ 1gm/lit of water. Breakdown the soil collected around the tree trunk
Large Cardamom	Fruiting	Chirkey Disease	<ul style="list-style-type: none"> Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth using stickers in case of rainfall.
Banana	Multiple stages	Sigatoka Leaf spot	<ul style="list-style-type: none"> One sword sucker may be allowed after shooting (Flowering), Periodical removal of side suckers by cutting them above the ground level, scoop the core and pour 2 ml of kerosene in the core, Foliar spray of Propiconazole (e.g., Tilt) @ 1 ml per litre of water using stickers in case of rainfall
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Goat	All stages		<ul style="list-style-type: none"> Deworming for gastrointestinal parasite
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born

			piglets and lukewarm food & water
Fishery			<ul style="list-style-type: none">• Keep fish stoking density thin @1200/ha
Cattle	All stages	FMD	<ul style="list-style-type: none">• Animals should be given lukewarm feed and water.• Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.• Provide proper bedding materials especially to new-born and lukewarm food & water• Provide feed supplements
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Iron injection within 10 days of birth is advised to newly born piglets if they are kept in confined system• Deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weightIn present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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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Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



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

District: Tawang

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = 0.0 mm	Mostly sunny weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 13-14°C and 1.0-2.0°C respectively. Expected morning and evening relative humidity will be 54-65% and 11-22% respectively. Wind direction is mainly WSW & W with probable speed range of 6-10 kmph.
Warning:	• Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- All spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%). On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
Maize	Harvesting	Rat	<ul style="list-style-type: none"> Harvest mature cobs and dry properly before storing Use locally available traps to control rats menace
VEGETABLES			
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Weeding and application of fertilizer as per recommended doses is suggested in potato. Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear. Spray with neem based pesticides against aphids
HORTICULTURAL CROPS			
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Kiwi	Harvesting		<ul style="list-style-type: none"> Should be harvested by snapping their stalks Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Provide sugar syrup near the box Cover the boxes with locally available dry grass to provide warmth.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Poultry	All stages		<ul style="list-style-type: none"> Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by

			<div>using gunny bags/plastic sheets around the poultryshed during night,</div> <div><div>• Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.</div></div>
<div>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</div>			

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Agrometeorological Field Unit

ICAR, BASAR

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

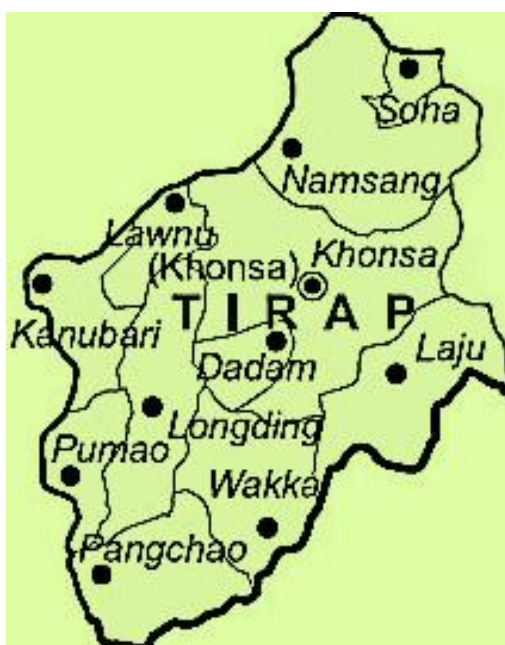
(Integrated Agro-Meteorological Advisory Services)

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

District: Tirap

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = 0.0 mm	Partly cloudy with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 25-27°C and 12-14°C respectively. Expected morning and evening relative humidity will be 82-87% and 17-35% respectively. Wind direction is mainly ESE & SE with speed range of 4-6 kmph.
Warning:	• Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated.
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects or using stickers in case of rainfall
Mustard	Vegetative	Aphid	<ul style="list-style-type: none"> When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using stickers in case of rainfall Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight using stickers in case of rainfall.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spray operations
HORTICULTURAL CROPS			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using stickers in case of rainfall. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	All stages	Sigatoka Leaf spot	<ul style="list-style-type: none"> One sword sucker may be allowed after shooting (Flowering), Periodical removal of side suckers by cutting them above the ground level, scoop the core and pour 2 ml of kerosene in the core, Foliar spray of Propiconazole (e.g., Tilt) @ 1 ml per litre of water using stickers in case of rainfall
Honey Bees			
			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and

			lukewarm food & water <ul style="list-style-type: none">• Provide feed supplements
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Iron injection within 10 days of birth is advised to newly born piglets if they are kept in confined system• Deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight• In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
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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Agrometeorological Field Unit
ICAR, BASAR

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA
(Integrated Agro-Meteorological Advisory Services)



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

District: Upper Siang

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = 0.0 mm	Partly/mostly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 21-22°C and 07-11°C respectively. Expected morning and evening relative humidity will be 85-91% and 30-47% respectively. Wind direction is mainly ENE & E with speed range of 4-5 kmph.
Warning:	<ul style="list-style-type: none">Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/bleaching powder/4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost poly-houses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects or using stickers in case of rainfall
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using stickers in case of rainfall Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight using stickers in case of rainfall.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Light irrigation is essential, In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear. Spray with neem based pesticides against aphids using stickers in case of rainfall
HORTICULTURAL CROPS			
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using stickers in case of rainfall. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Pineapple	Harvesting		<ul style="list-style-type: none"> After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Kiwi	Harvesting		<ul style="list-style-type: none"> Should be harvested by snapping their stalks Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth Provide sugar syrup
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Pigs	All stages	FMD (high fever and appearance of mucous	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water.

		membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> • Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. • Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> • Animals should be given lukewarm feed and water. • Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. • Provide proper bedding materials especially to new-born and lukewarm food & water • Provide feed supplements
Fishery			<ul style="list-style-type: none"> • Application of quick lime is highly recommended in order to rectify water pH. • Application of fish feed (mustard oil cake) is essential for achieving higher yield
Poultry	All stages		<ul style="list-style-type: none"> • Day old chick-Maintain warmth by lighting, • In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night, • Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.
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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Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

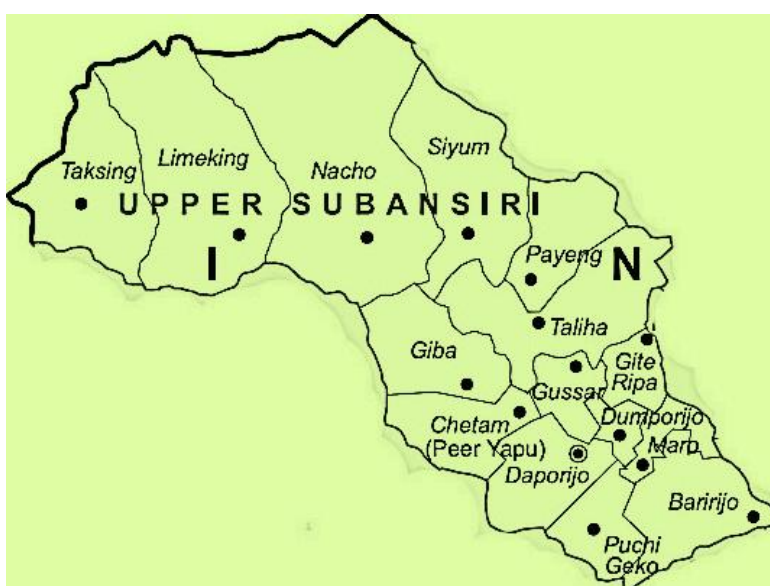


AMFU, ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Daporijo: 0.0 mm	Partly cloudy with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 11-13°C respectively. Expected morning and evening relative humidity will be 77-84% and 36-43% respectively. Expected wind direction is mainly NNW with speed range of 3-6 kmph.
Warning	<ul style="list-style-type: none">Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Avoid spray of insecticides during flowering stage as it may hinder pollination by honey bees and other insects.
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects or using stickers in case of rainfall
VEGETABLES			
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using stickers in case of rainfall Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear using stickers in case of rainfall. Spray with neem based pesticides against aphids using stickers in case of rainfall
HORTICULTURAL CROPS			
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using stickers in case of rainfall. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended
Large Cardamom	Fruiting	Chirkey Disease	<ul style="list-style-type: none"> Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth using stickers in case of rainfall.
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Provide sugar syrup near the box Add insulation and ventilation systems
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Fishery			<ul style="list-style-type: none"> Keep fish stoking density thin @1200/ha
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Pigs	All stages	FMD (high fever and appearance of mucous	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth.

		membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Animals should be given lukewarm feed and water.• Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.• Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Mithun		FMD	<ul style="list-style-type: none">• Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.• Pregnant animals above 7 months of pregnancy should be avoided.
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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Agrometeorological Field Unit
ICAR, BASAR

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA
(Integrated Agro-Meteorological Advisory Services)



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

District: West Kameng

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = Bomdila: 0.0 ; Bhalukpong: 0.0 mm	Partly/mostly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 20-22°C and 07-10°C respectively. Expected morning and evening relative humidity will be 83-87% and 28-80% respectively. Wind direction is mainly variable with speed range of 5-8 kmph.
Warning:	• Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative		<ul style="list-style-type: none"> Suspend all spray operations
VEGETABLES			
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using stickers in case of rainfall Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight using stickers in case of rainfall.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spray operations and application of fertilizers
HORTICULTURAL CROPS			
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost
Citrus	Maturity/ harvesting	Fruit Drop Fruit Fly Gummosis	<ul style="list-style-type: none"> Harvest the mature fruit with stalk and store in dry places. Collect & dispose rotten fallen fruits/ install fruit-fly traps Dead wood pruning may be done after harvesting of crop followed by spraying of fungicide, Carbendazim @ 1gm/lit of water. Breakdown the soil collected around the tree trunk
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Provide sugar syrup near the box Add insulation and ventilation systems
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General <ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Fishery			<ul style="list-style-type: none"> Keep fish stoking density thin @1200/ha
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none"> Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none"> Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Heavy mortality in cloven footed animals has been reported. Supportive treatment of infected animals under supervision of veterinary department officials, Avoid mixing of infected and healthy animals, Keep infected animals separated from the healthy ones, Vaccinate the healthy animals against FMD (Through State Veterinary Dept.) Provide feed supplements
Poultry	All stages		<ul style="list-style-type: none"> Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly

			born chicks.
Mithun		FMD	<ul style="list-style-type: none">• Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.• Pregnant animals above 7 months of pregnancy should be avoided.
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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कृषि मौसम सलाहकार सेवा पत्रिका Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA
(Integrated Agro-Meteorological Advisory Services)



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

District: West Siang

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



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

Weather summary of the previous week	Weather forecast valid up to 28 th Jan'2018
Basar: Rainfall = 0.0 mm. T. Max: 22.3°C, T. Min: 7.3°C, RH: 51-97%, Wind Speed: 4-5 kmph, Wind Direction: ENE & NNE	Mostly/partly cloudy with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 25-28°C and 14-16°C respectively. Expected morning and evening relative humidity will be 75-85% and 41-59% respectively. Wind direction is mainly variable with speed range of 3-5 kmph.
Warning:	<ul style="list-style-type: none">Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Vegetative	Powdery mildew/ leaf eating insects	<ul style="list-style-type: none"> Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects or using stickers in case of rainfall
Mustard	Vegetative	Aphid	<ul style="list-style-type: none"> When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall
VEGETABLES			
Ginger/ Turmeric	Maturity		<ul style="list-style-type: none"> Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	<ul style="list-style-type: none"> Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using stickers in case of rainfall Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water, Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight using stickers in case of rainfall.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity	Leaf eating caterpillars/ Aphids	<ul style="list-style-type: none"> Suspend all spray operations and application of fertilizers
HORTICULTURAL CROPS			
Pineapple	Harvesting		<ul style="list-style-type: none"> After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Temperate fruits	After harvesting		<ul style="list-style-type: none"> Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	<ul style="list-style-type: none"> Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using stickers in case of rainfall. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	Bunching	Cold	<ul style="list-style-type: none"> Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Large Cardamom	Fruiting	Chirkey Disease	<ul style="list-style-type: none"> Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth using stickers in case of rainfall.
Honey Bees			
Honey bees			<ul style="list-style-type: none"> Cover the boxes with locally available dry grass or straw to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
General			
<ul style="list-style-type: none"> Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned, 			
Poultry	All stages		<ul style="list-style-type: none"> Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.

Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	<ul style="list-style-type: none">• Avoid dampness and cover weak and sick animals with sack cloth.• Animals should be given lukewarm feed and water.• Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.• Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	<ul style="list-style-type: none">• Animals should be given lukewarm feed and water.• Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.• Provide proper bedding materials especially to new-born and lukewarm food & water• Provide feed supplements
Mithun		FMD	<ul style="list-style-type: none">• Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route.• Pregnant animals above 7 months of pregnancy should be avoided.
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