Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

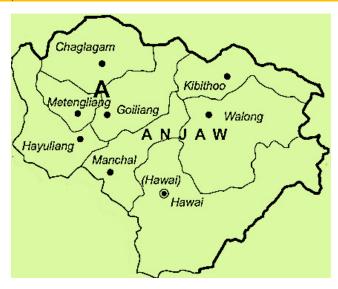


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Anjaw

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



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

Weather summery 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:	Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

- 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	• On clear/dry day, need based foliar spray of Dinocap (0.2%)
		mildew/ leaf	or Carbendazim 50WP (0.1%) or Propiconazole (0.1%).
		eating insects	• On clear weather, spray of Azadirachtin 0.15% EC @
			6ml/lit against leaf eating insects
			VEGETABLES
Ginger/ Turmeric	Maturity		Harvest the mature crop,
			• Cure should be taken while harvest so that the rhizome is
Potato	Vegetative	Red Ants/	not damaged,Suspend all spray operation.
Totato	Vegetative	Late blight/	Suspend an spray operation.
		Alternaria blight	t
			TICULTURAL CROPS
Banana	Bunching	Cold	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		After winter harvest, collection/Selection of suckers & slip
T I	8		to be done for next season planting
Citrus	Maturity/	Bark eating	Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar,	Dichlorovos 76 EC@0.05% against trunk-borer.
		Trunk borer, Blue & Green	• On clear weather or using sticker, against Blue & Green
		mould	mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
		1110 010	 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
Temperate fruits	After harvesting		swab soaked in Dichlorovos solution in the larval tunnel.
Temperate fruits	After harvesting		• 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		Day old chick-Maintain warmth by lighting,
			• In present weather conditions protect the birds from cold by
			1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /
			using gunny bags/plastic sheets around the poultryshed during
			night,
			night, • Provide heat by lighting 100W bulb @ 1 bulb per 20 newly
Fishery			night, • Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Fishery Pigs	All stages	FMD (high fever	night, • Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. • Keep fish stoking density thin @1200/ha
Fishery Pigs	All stages	FMD (high fever and appearance	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. Keep fish stoking density thin @1200/ha Avoid dampness and cover weak and sick animals
	All stages	and appearance of mucous	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. Keep fish stoking density thin @1200/ha Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water.
	All stages	and appearance of mucous membrane of the	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. Keep fish stoking density thin @1200/ha 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
	All stages	and appearance of mucous membrane of the mouth and foot.)	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. Keep fish stoking density thin @1200/ha 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.
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Pigs		and appearance of mucous membrane of the mouth and foot.) Swine Fever	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. Keep fish stoking density thin @1200/ha 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
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Pigs		and appearance of mucous membrane of the mouth and foot.) Swine Fever FMD	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. • Keep fish stoking density thin @1200/ha • 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 • 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
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Pigs		and appearance of mucous membrane of the mouth and foot.) Swine Fever FMD	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. Keep fish stoking density thin @1200/ha 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 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 Polyvalent FMD vaccine with serotype 0, A and Asia at 6 months of age and repeat after that 6 months interval by
Pigs		and appearance of mucous membrane of the mouth and foot.) Swine Fever FMD	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. • Keep fish stoking density thin @1200/ha • 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 • 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 • 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
Pigs Cattle Mithun	All stages	and appearance of mucous membrane of the mouth and foot.) Swine Fever FMD	night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. Keep fish stoking density thin @1200/ha 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 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 Polyvalent FMD vaccine with serotype 0, A and Asia at 6 months of age and repeat after that 6 months interval by

 $Contact: \hbox{-} \hbox{$\underline{IAAS.BASAR@gmail.com}$, Phone Number: \hbox{-} 03795-226247/37, \hbox{-}96 (Fax)$}$

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(Period: 24th to 26th January 2018)

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

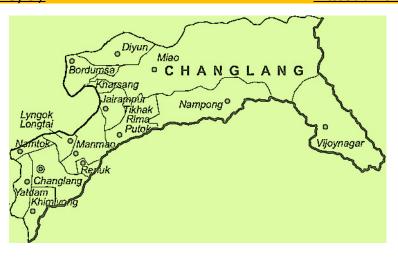


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Changlang

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



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

Weather summery of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = Changlang: 0.0 mm Miao: 0.0	Partly cloudy with possibility of light rainfall. Daily maximum
mm	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	Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

- 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
Pea	Vegetative	Powdery mildew/ leaf eating insects	 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 Cabbage/ Cauliflower/	Vegetative Maturity/ Harvesting	Red Ants/ Late blight/ Alternaria blight Leaf eating caterpillars/	 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. Suspend spray operation till further advisory.
Knolkhol/		Aphids	
Others Ginger/ Turmeric	Maturity		 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
C:	N		ICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 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	 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			 Box must be covered with straw/dry leaves to provide warmth Provide sugar syrup
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Damaged gr	ain (not fungus c	ontaminated) to b	General e diverted for Poultry/livestock feeding
• Clean drink	All stages	be ensured round	 the clock and water troughs/feeders should be regularly cleaned, Deworming for gastrointestinal parasite
Cattle	All stages All stages	FMD	 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	 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		 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. 	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247		

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(Period: 24th to 26th January 2018)

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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:	Moderate to dense fog likely to occur at 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 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	 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		 Need based foliar spray of Sulfex@2g/lit water to control powdery mildew in black/green gram/pea
			VEGETABLES
Potato	Vegetative	Red Ants/	
rotato	vegetative	Late blight/ Alternaria blight	 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/	Maturity/	Leaf eating	
Cabbage/ Cauliflower/ Knolkhol/ Others	Harvesting	caterpillars/ Aphids	Suspend all spraying operations.
		HORT	TICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 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		After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Banana	Bunching	Cold	 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		Training & pruning of the temperate crops (apple/pears/peach) is recommended
			Honey Bees
Honey bees			 Cover the boxes with locally available dry grass or straw to provide warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Damaged gr	ain (not fungus c	ontaminated) to b	General e diverted for Poultry/livestock feeding
• Clean drink	ing water should		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	 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	 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,

Poultry	All stages		 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 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	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous 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			

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

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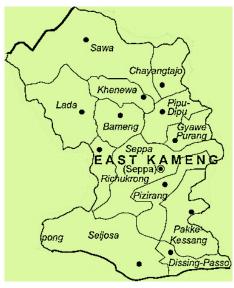


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: East Kameng

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summery 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:	Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

- 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	 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
		1	VEGETABLES
Ginger/ Turmeric	Maturity		 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	 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	 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
		HOR	TICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 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	 Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid
Pineapple	Active vegetative		 frost injury in banana. Remove excess suckers to increase fruit size and improve quality.
Ginger/Turmeric Toko palm	Seedling Nursery		 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 Filling of nursery polybags for raising of takopalm seedlings
•	·		
	G:		LIVESTOCKS
	_		Precautionary Practices to be followed General e diverted for Poultry/livestock feeding
• Clean drink	All stages	FMD (high fever	 the clock and water troughs/feeders should be regularly cleaned, Avoid dampness and cover weak and sick animals
1 182	All stages	and appearance of mucous membrane of the mouth and foot.) Swine Fever	 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	 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		 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.
Fishery			 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
Mithun		FMD	 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 Scient	ists (ICAR) or Sta	te Agril Staff or	KVK staff for measures against adverse conditions or call at 03795- 226237/226247

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: East Siang

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



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

Weather summery of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall: 0.0 mm; T. Max: 26.0°C; T. Min:	Partly cloudy with possibility of light rainfall. Daily maximum
15.0°C ; RH: 64-74%	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:	Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

- 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	•	Need based foliar spray of Dinocap (0.2%) or Carbendazim
		mildew/ leaf		50WP (0.1%) or Propiconazole (0.1%) using proper sticker.
		eating insects	•	On clear weather, spray of Azadirachtin 0.15% EC @
				6ml/lit against leaf eating insects using sticker in case of
				rainfall
Mustard	Vegetative	Aphid	•	When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using sticker in case of rainfall
			VEGE	TABLES
Ginger/ Turmeric	Maturity		•	Harvest the mature crop,
			•	Cure should be taken while harvest so that the
				rhizome is not damaged,
Potato	Vegetative	Red Ants/	•	Spray Indofil m-45 at regular interval of 7 days in
Totato	vegetative	Late blight/	•	
		Alternaria blight		potato/tomato against Alternaria blight on clear/dry
		Alternaria blight		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/	Maturity/	Leaf eating	•	Suspend all spray operations
Cauliflower/	Harvesting	caterpillars/		a septemble of the sept
Knolkhol/	C	Aphids		
Others		1		
		HORT	ICUL ⁷	TURAL CROPS
Citrus	Maturity/	Bark eating	•	Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar,		Dichlorovos 76 EC@0.05% against trunk-borer.
	8	Trunk borer,	•	Against Blue & Green mould, spray Imazalil 34 WP @
		Blue & Green	•	1g/lit on clear/dry days. Prune away the diseased portion
		mould		of the plant.
		1110 010	•	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
17	TT .:			swab soaked in Dichlorovos solution in the larval tunnel.
Kiwi	Harvesting		•	Should be harvested by snapping their stalks
			•	Fruit should be stored boxes containing cushioning materials
				and transported to the market in hard condition.
** 1		T		ey Bees
Honey bees			•	Cover the boxes with locally available dry grass or straw to
			T TY/E	provide warmth
T' water I	G4	D:	LIVE	STOCKS
Livestock	Stage	Disease	C	Precautionary Practices to be followed
Damaged gra	ain (not fungus c	contaminated) to b		ted for Poultry/livestock feeding
	_			ck and water troughs/feeders should be regularly cleaned,
Pigs	All stages	FMD (high fever	•	Avoid dampness and cover weak and sick animals
	C	and appearance		with sack cloth.
		of mucous	•	Animals should be given lukewarm feed and water.
		membrane of the	•	Right time to deworm with anti helmetic drugs (particularly
		mouth and foot.)	•	
		Swine Fever		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	•	Animals should be given lukewarm feed and water.
Cattle	All stages	FMD	•	Right time to deworm with anti helmetic drugs
Cattle	All stages	FMD	•	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30
Cattle	All stages	FMD	•	Right time to deworm with anti helmetic drugs
Cattle	All stages	FMD	•	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
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Cattle	All stages	FMD	•	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
Cattle	All stages	FMD	•	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.
Cattle	All stages	FMD	•	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
Cattle	All stages	FMD	•	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.

			 Keep infected animals separated from the healthy ones, Vaccinate the healthy animals against FMD (Through State Veterinary Dept.)
			Provide feed supplements
Poultry	All stages		 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	 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 Scie	ntists (ICAR) or S	State Agril Staff	For KVK staff for measures against adverse conditions or call

at 03795-226237/226247

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 summery 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	Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

- 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
	, suge		FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 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	 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	Suspend all spray operation and application of fertilizers etc.
		HORT	ICULTURAL CROPS
Temperate fruits	After harvesting		 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	 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		• After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Banana	Bunching	Cold	 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
		1	 Box must be covered with straw/dry leaves to provide

General

- 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	 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	 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		 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	 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			

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 summery 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:	Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

- 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
Pea	Vegetative	Powdery mildew/ leaf eating insects	 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 @
Mustard	Vegetative	Aphid	 6ml/lit against leaf eating insects 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		 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	 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/	Suspend all spray and fertilizer applications
Others		HORT	TICULTURAL CROPS
Large Cardamom	Fruiting	Chirkey Disease	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	 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 burry 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	 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		 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			Cover the boxes with locally available dry grass or straw to provide warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
			General oe diverted for Poultry/livestock feeding I 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	 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

Cattle	All stages	FMD	 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		 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	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided. 		
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				

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 summery 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:	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
		1	FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf	• Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker.
		eating insects	• On clear weather, spray of Azadirachtin 0.15% EC @
3.6	T 7 4 4*	A 1 · 1	6ml/lit against leaf eating insects
Mustard	Vegetative	Aphid	 When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using sticker in case of rainfall
		1	VEGETABLES
Ginger/ Turmeric	Maturity		Harvest the mature crop,
	, and the second		 Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	 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/	Maturity/	Leaf eating	Suspend all spray operations and fertilization
Cauliflower/	Harvesting	caterpillars/	
Knolkhol/ Others		Aphids	
Others		HORT	ICULTURAL CROPS
Large Cardamom	Fruiting	Chirkey Disease	Remove dry/diseased/old tillers & branches & spray
			Bio NPK@ 2ml/lit water for proper growth on clear/dry days.
Citrus	Maturity/	Bark eating	Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar,	Dichlorovos 76 EC@0.05% against trunk-borer.
		Trunk borer, Blue & Green	Against Blue & Green mould, spray Imazalil 34 WP @
		mould	1g/lit using stickers. Prune away the diseased portion of
		mouta	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	One sword sucker may be allowed after shooting (Flowering),
		spot	• 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			Box must be covered with straw/dry leaves to provide
			warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
			General
Damaged gr	ain (not fungus c	ontaminated) to b	e diverted for Poultry/livestock feeding
	_		the clock and water troughs/feeders should be regularly cleaned,
Pigs	All stages	FMD (high fever	 Avoid dampness and cover weak and sick animals
		and appearance of mucous	with sack cloth.
		membrane of the	Animals should be given lukewarm feed and water. Bight time to device with entired drugs (particularly).
		mouth and foot.)	• Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
		Swine Fever	 Provide proper bedding materials especially to new-born
			piglets and lukewarm food & water
Cattle	All stages	FMD	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 hadding materials especially to new born and
			 Provide proper bedding materials especially to new-born and lukewarm food & water
L	I	1	Tone Harm 1000 & Hatel

		 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	 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	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

 $Is sued jointly by ICAR-RC for NEH \ Region, Arunachal \ Pradesh \ Centre, Basar \ and India \ Meteorological \ Department \ Contact: - \underline{IAAS.BASAR@gmail.com}, \ Phone \ Number: -03795-226247/37, -96 \ (Fax)$

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 summery 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

Pea Vegetative Powdery mildew'lear	Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Multimity Bark cating Citius Maturity Bark cating After harvesting Bark cating Bark				FIELD CROPS
Cathogs	Pea	Vegetative	Powdery	• Need based foliar spray of Dinocap (0.2%) or Carbendazim
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Pigs All stages FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swing Fever Fever Fever Fever 1 and appearance of mucous membrane of the mouth and foot.)				
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mouth and foot.) Swing Fever Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.				
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			piglets and lukewarm food & water		
Poultry	All stages		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	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: 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 summery 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:	Moderate to dense fog likely to occur at 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	 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	 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	 Harvest mature cobs and dry properly before storing Use locally available traps to control rats menace
			VEGETABLES
Ginger/ Turmeric	Maturity		 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	 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	Suspend all spray operations and fertilizer applications.
		HORT	ICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Gummosis	 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 burry 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	 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	 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			Box must be covered with straw/dry leaves to provide
			warmth
			LIVESTOCKS
	_		Precautionary Practices to be followed General be diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned, Deworming for gestrointestinal parasite
Pigs	All stages All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly)

				piglets and lukewarm food & water
Fishery			•	Keep fish stoking density thin @1200/ha
Cattle	All stages	FMD	•	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	•	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

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

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 summery 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

- 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
	T **		FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf	• Need based foliar spray of Dinocap (0.2%) or Carbendazim
		eating insects	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	
Maize	Harvesting	Kat	 Harvest mature cobs and dry properly before storing Use locally available traps to control rats menace
			VEGETABLES
Potato	Vegetative	Red Ants/	Weeding and application of fertilizer as per recommended
		Late blight/	doses is suggested in potato.
		Alternaria blight	F-1.7
			potato/tomato against Alternaria blight
			Ridge should be properly made, Production Properly made, Only provide Children and Company of the Children and Children
			• 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/	Maturity	Leaf eating	Light irrigation is essential,
Cauliflower/		caterpillars/	• In present weather conditions severe attack of leaf eating
Knolkhol/ Others		Aphids	caterpillars has been reported. Spray Azadirachtin(0.015%)
Officis			@6ml/litre of water when weather is clear.
		HORT	Spray with neem based pesticides against aphids CICULTURAL CROPS
Temperate fruits	After harvesting	IIOKI	Training & pruning of the temperate crops (apple/pears/peach)
F	8		is recommended
			In case of flowering, stop spraying insecticides/pesticides
Banana	Bunching	Cold	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		Should be harvested by snapping their stalks
121.11			 Fruit should be stored boxes containing cushioning materials
			and transported to the market in hard condition.
Orchards			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
		1	Honey Bees
Honey bees			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
• Domogod gr	oin (not fungus o	antaminated) to b	General be diverted for Poultry/livestock feeding
			the clock and water troughs/feeders should be regularly cleaned,
Pigs	All stages	FMD (high fever	
		and appearance	with sack cloth.
		of mucous	 Animals should be given lukewarm feed and water.
		membrane of the mouth and foot.)	Right time to deworm with anti-nemetic drugs (particularly
		Swine Fever	Tape worms) viz. Tento Tius & Ttablet per 30 kg body weight.
			 Provide proper bedding materials especially to new-born piglets and lukewarm food & water
Cattle	All stages	FMD	Animals should be given lukewarm feed and water.
	- III Stages		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		Day old chick-Maintain warmth by lighting,
	i iii stages		 Day old effice-infamilian warmen by lighting, In present weather conditions protect the birds from cold by
	<u> </u>	<u> </u>	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. 			
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: Tirap

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summery 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
Pea	Vegetative	Powdery mildew/ leaf eating insects	 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	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		 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	 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	Suspend all spray operations
C'A	N (: (/	T	ICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 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	 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
			Box must be covered with straw/dry leaves to provide warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
	_	FMD (high fever and appearance of mucous	 with sack cloth. Animals should be given lukewarm feed and water.
Cattle	All stages	membrane of the mouth and foot.) Swine Fever	 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	LIMD	 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	 Iron injection within 10 days of birth is advised to newly be piglets if they are kept in confined system 	orn
		of mucous membrane of the mouth and foot.) Swine Fever	Deworm with anti helmetic drugs (particularly Tapeworms)

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)



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 summery 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:	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	• 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		 Harvest the mature crop,
			 Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/	 Spray Indofil m-45 at regular interval of 7 days in
		Late blight/ Alternaria blight	potato/tomato against Alternaria blight using stickers in case of rainfall
			• Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of
			water, Folion approx of Dithono M 45@2.5%/litro of vyotan for
			 Foliar spray of Dithane M-45@2.5g/litre of water for management of potato late blight using stickers in case of rainfall.
Cabbage/	Maturity/	Leaf eating	• Light irrigation is essential,
Cauliflower/ Knolkhol/ Others	Harvesting	caterpillars/ Aphids	• 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.
o the is			 Spray with neem based pesticides against aphids using stickers
			in case of rainfall
	A 6: 1 ::	HORT	ICULTURAL CROPS
Temperate fruits	After harvesting		 Training & pruning of the temperate crops (apple/pears/peach) is recommended
Citrus	Maturity/	Bark eating	 In case of flowering, stop spraying insecticides/pesticides Orange (only if harvesting is over): Go for drenching with
Citius	harvesting	caterpillar,	Dichlorovos 76 EC@0.05% against trunk-borer.
	8	Trunk borer,	• Against Blue & Green mould, spray Imazalil 34 WP @
		Blue & Green	1g/lit using stickers in case of rainfall. Prune away the
		mould	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		• After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to
			protect from cold/frost
			Mulching with straw/crop residue at root zone to avoid front initially in banana.
Kiwi	Harvesting		frost injury in banana.Should be harvested by snapping their stalks
KIWI	That vesting		 Fruit should be stored boxes containing cushioning materials
			and transported to the market in hard condition.
			Honey Bees
Honey bees			Box must be covered with straw/dry leaves to provide
			warmth
			 Provide sugar syrup
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
			General e diverted for Poultry/livestock feeding
• Clean drink Pigs	All stages	be ensured round FMD (high fever	• Avoid dampness and cover weak and sick animals
r 188	An stages	and appearance	 Avoid dampness and cover weak and sick animals with sack cloth.
		of mucous	
		OI IHHCOHS	 Animals should be given lukewarm feed and water.

	m	embrane of the outh and foot.) Swine Fever	 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	 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			 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		 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 Contact Scient	tists (ICAD) or Sto		 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. or KVK staff for measures against adverse conditions or call

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at 03795-226237/226247

Agrometeorological Field Unit ICAR, BASAR

Agro-met Advisory Bulletin

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

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

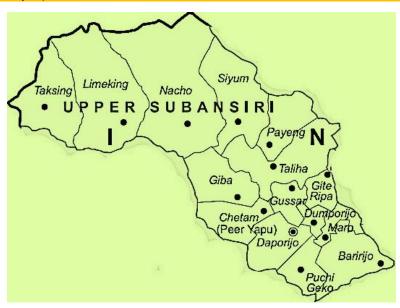


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: AMFU-Basar/2018/07

Dated: Tue, 23rd January 2018



Weather summery 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	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
D	***		FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf	• Need based foliar spray of Dinocap (0.2%) or Carbendazim
		eating insects	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/	• Spray Indofil m-45 at regular interval of 7 days in potato/tomato against Alternaria blight using stickers in
		Alternaria blight	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/	Maturity	Leaf eating	• In present weather conditions severe attack of leaf eating
Cauliflower/ Knolkhol/		caterpillars/ Aphids	caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear using stickers in
Others		r	case of rainfall.
			 Spray with neem based pesticides against aphids using stickers in case of rainfall
		HORT	ICULTURAL CROPS
Citrus	Maturity/	Bark eating	Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar,	Dichlorovos 76 EC@0.05% against trunk-borer.
		Trunk borer, Blue & Green	 Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using stickers in case of rainfall. Prune away the
		mould	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
Tammanata fuvita	After harvesting		swab soaked in Dichlorovos solution in the larval tunnel.
Temperate fruits			 Training & pruning of the temperate crops (apple/pears/peach) is recommended
Large Cardamom	Fruiting	Chirkey Disease	 Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth using
			stickers in case of rainfall.
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to
Orchards			protect from cold/frost
Orchards			 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			Provide sugar syrup near the box
-			Add insulation and ventilation systems
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Damaged grader	ain (not fungus co	ntaminated) to be	General e diverted for Poultry/livestock feeding
0 0			the clock and water troughs/feeders should be regularly cleaned,
Fishery			Keep fish stoking density thin @1200/ha
Cattle	All stages	FMD	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 & waterProvide feed supplements
Pigs	All stages	FMD (high fever	Avoid dampness and cover weak and sick animals
		and appearance	with sack cloth.
		of mucous	

	membrane of the mouth and foot.) Swine Fever	 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	 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 (1	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

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 summery of the previous week	Weather forecast valid up to 28 th Jan'2018
Rainfall = Bomdila: 0.0; Bhalukpong: 0.0	Partly/mostly cloudy with possibility of light/moderate rainfall.
mm	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
D	X7		FIELD CROPS
Pea	Vegetative		Suspend all spray operations
_	· ·		VEGETABLES
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	 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	Suspend all spray operations and application of fertilizers
	<u>'</u>	HORT	ICULTURAL CROPS
Temperate fruits	After harvesting		 Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Banana	Bunching	Cold	 Cover newly emerged bunches with locally available sack to protect from cold/frost
Citrus	Maturity/ harvesting	Fruit Drop Fruit Fly Gummosis	 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			 Provide sugar syrup near the box Add insulation and ventilation systems
	T		LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
• Clean drink Fishery	ing water should	be ensured round	General e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned, • 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	 with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly)
Cattle	All stages	FMD	 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		 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	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

Agro-met Advisory Bulletin

(Period: 24th to 26th January 2018)



ग्रामीण कृषि मौसम सेवा





(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 summery of the previous week	Weather forecast valid up to 28 th Jan'2018
Basar: Rainfall = 0.0 mm. T. Max: 22.3°C,	Mostly/partly cloudy with possibility of light/moderate rainfall.
T. Min: 7.3°C, RH: 51-97%, Wind Speed: 4-	Daily maximum and minimum temperature for the following period
5 kmph, Wind Direction: ENE & NNE	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:	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
- 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	• Need based foliar spray of Dinocap (0.2%) or Carbendazim
		mildew/ leaf eating insects	50WP (0.1%) or Propiconazole (0.1%) using stickers in case
		cating insects	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	• 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		Harvest the mature crop,
	·		Cure should be taken while harvest so that the
			rhizome is not damaged,
Potato	Vegetative	Red Ants/	Spray Indofil m-45 at regular interval of 7 days in
		Late blight/	potato/tomato against Alternaria blight using stickers in
		Alternaria blight	case of rainfall
			Red Ants: - Drenching with Chlorpyriphos @ 2 ml per litre of water
			 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/	Maturity	Leaf eating	 Suspend all spray operations and application of fertilizers
Cauliflower/		caterpillars/	
Knolkhol/ Others		Aphids	
Others		HORT	ICULTURAL CROPS
Pineapple	Harvesting		After winter harvest, collection/Selection of suckers & slip
	_		to be done for next season planting
Temperate fruits	After harvesting		Training & pruning of the temperate crops (apple/pears/peach)
			is recommended
G'.	3.6	D 1 3	In case of flowering, stop spraying insecticides/pesticides
Citrus	Maturity/ harvesting	Bark eating caterpillar,	• Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer.
	nai vesting	Trunk borer,	Against Blue & Green mould, spray Imazalil 34 WP @
		Blue & Green	1g/lit using stickers in case of rainfall. Prune away the
		mould	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	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	Remove dry/diseased/old tillers & branches & spray
Large Cardamoni	Truiting	Chirkey Discuse	Bio NPK@ 2ml/lit water for proper growth using
			stickers in case of rainfall.
			Honey Bees
Honey bees			Cover the boxes with locally available dry grass or straw to
			provide warmt
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
• Domonad	oin (not frances -	antominotod) to L	General a diverted for Poultry/livesteek feeding
			e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned,
Poultry	All stages	oc choured round	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	with sack cloth.Animals should be given lukewarm feed and water.
Cattle	All stages	FMD	 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 Contact Scient	tists (ICAP) on	FMD State Agril Staff	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided. For KVK staff for measures against adverse conditions or call

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