Agro-met Advisory Bulletin

(Period: 20th to 23rd January 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

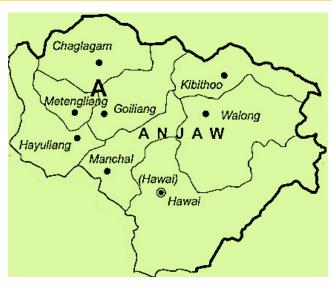


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Anjaw

No: AMFU-Basar/2018/06

Dated: Fri, 19th January 2018



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

Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
No weather summary available	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 20-22°C and 06-07°C respectively. Expected morning and evening relative humidity will be 81-85% and 18-37% respectively. Wind direction is mainly SSE and a 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
- 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
Mustard	Vegetative	White rust/ Downey mildew	• Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days intervalfor management of White rust/Downy mildew in mustard
Pea	Vegetative	Powdery mildew/ leaf eating insects	 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		Harvest the mature crop,
	,		 Cure should be taken while harvest so that the rhizome is not damaged,
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ harvesting	Leaf eating caterpillars/ Aphids	 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
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	 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.
		HORT	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 to be done for next season planting
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
Temperate fruits	After harvesting		Training & pruning of the temperate crops (apple/pears/peach) is recommended
			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 using gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Fishery			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	 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, 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
Mithun		FMD	Polyvalent FMD vaccine with serotype 0, 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 So	cientists (ICAR) or S	State Agril Staff or	KVK staff for measures against adverse conditions or call at 03795- 226237/226247

Agro-met Advisory Bulletin

(Period: 20th to 23rd January 2018)

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

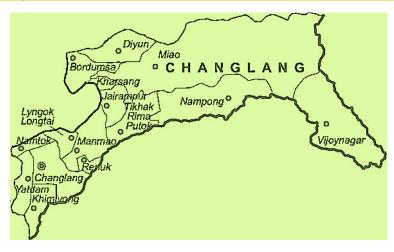


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Changlang

<u>No: AMFU-Basar/2018/06</u>

Dated: Fri, 19th January 2018



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

Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = Changlang: 0.0 mm Miao: 0.0	Generally clear/dry weather forecasted. Daily maximum and
mm	minimum temperature for the following period is predicted to be 26-
	28°C and 12-14°C respectively. Expected morning and evening
	relative humidity will be 81-88% and 22-33% respectively. Wind
	direction is mainly ESE with speed range of 5-6 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



Pea Vegetative Powdery mildew/leaf eating insects Mustard Vegetative Powdery Green Gram Vegetative Potato Potato Vegetative Red Ants/ Alternaria blight Alternaria blight Cabbage/ Cauliflower/ Knolkhol/ Others Pea Vegetative Powdery mildew in black/green gram/pea **Vegetative Red Ants/ Late blight/ Alternaria blight Potato/tomato against Alternaria blight **Aphids** **Potato Vegetative Red Ants/ Late blight/ Alternaria blight Potato/tomato against Alternaria blight **Definition of potato late blight Potato late blight. **Cabbage/ Cauliflower/ Knolkhol/ Others** **Powdery mildew late deating insects **Powdery mildew powdery mildew in black/green gram/pea **Vegetative Powdery owdery mildew in black/green gram/pea **Vegetative Powdery owdery mildew in black/green gram/pea **Vegetative Powdery owdery mildew in black/green gram/pea **Vegetative Owdery owdery indew in black/green gram/pea **Vegetati	O.15% EC @ Dimethoate @ 4 water to control commended f 7 days in 2 ml per litre of
mildew/ leaf eating insects Mustard Vegetative Black Gram & Green Gram Vegetative Potato Vegetative Red Ants/ Late blight/ Alternaria blight Alternaria blight Cabbage/ Cauliflower/ Knolkhol/ Others mildew/leaf eating insects Mustard Vegetative Aphid Powdery mildew Powdery mildew in black/green gram/pea VEGETABLES Potato Vegetative Red Ants/ Late blight/ Alternaria blight Alternaria blight Potato Red Ants/ Late blight/ Alternaria blight Potato Red Ants/ Late blight/ Alternaria blight Potato Red Ants: Potato Powdery mildew Powdery mildew in black/green gram/pea Powdery mildew in	O.15% EC @ Dimethoate @ 4 water to control commended f 7 days in 2 ml per litre of
Mustard Vegetative Aphid Black Gram & Vegetative Green Gram Vegetative Powdery mildew Powdery mildew Powdery mildew Need based foliar spray of Sulfex@2g/lit w powdery mildew in black/green gram/pea VEGETABLES Potato Vegetative Red Ants/ Late blight/ Alternaria blight Alternaria blight Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 water, Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Cabbage/ Cauliflower/ Knolkhol/ Others Aphids Comparison of fertilizer as per record doses is suggested in potato. Spray Indofil m-45 at regular interval of potato/tomato against Alternaria blight Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Cabbage/ Cauliflower/ Knolkhol/ Others Aphids Aphids Cambridge water water conditions severe attack caterpillars has been reported. Spray Azadia @6ml/litre of water when weather is clear.	water to control commended f 7 days in 2 ml per litre of
Mustard Vegetative Aphid • When population level is high spraying of D ml per litre of water is advised	commended f 7 days in 2 ml per litre of
Black Gram & Vegetative Powdery mildew Powdery mildew powdery mildew in black/green gram/pea **Vegetative Potato** **Potato** **Potato** **Vegetative Red Ants/ Late blight/ Alternaria blight** **Alternaria blight** **Potato** **Potato** **Potato** **Vegetative Red Ants/ Late blight/ Alternaria blight** **Alternaria blight** **Potato** **Potato** **Potato** **Vegetative Red Ants/ Late blight/ Alternaria blight** **Potato** **Potato	commended f 7 days in 2 ml per litre of
Black Gram & Green Gram Vegetative Powdery mildew Potato Potato Vegetative Red Ants/ Late blight/ Alternaria blight Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Cabbage/ Cauliflower/ Knolkhol/ Others Vegetative Red Ants/ Late blight/ Alternaria blight Red Ants/ Bernaria blight Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Leaf eating caterpillars/ Aphids Aphids Red Ants/ Bernaria blight Leaf eating caterpillars/ Aphids Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water water conditions severe attack caterpillars has been reported. Spray Azadin @6ml/litre of water when weather is clear.	commended f 7 days in 2 ml per litre of
Potato Vegetative Red Ants/ Late blight/ Alternaria blight Potato Red Ants/ Late blight/ Alternaria blight Potato Red Ants/ Late blight Potato Red Ants/ Late blight Potato Potato Potato Red Ants/ Late blight Potato Potato/tomato against Alternaria blight Potato/tomato/to	commended f 7 days in 2 ml per litre of
Potato Potato Red Ants/ Late blight/ Alternaria blight Spray Indofil m-45 at regular interval of potato/tomato against Alternaria blight Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Cabbage/ Cauliflower/ Knolkhol/ Others Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Leaf eating caterpillars/ Aphids Leaf eating caterpillars has been reported. Spray Azadin @6ml/litre of water when weather is clear.	f 7 days in 2 ml per litre of
Late blight/ Alternaria blight Spray Indofil m-45 at regular interval of potato/tomato against Alternaria blight Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Cabbage/ Cauliflower/ Knolkhol/ Others Late blight/ Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Leaf eating caterpillars/ Aphids Light irrigation is essential, In present weather conditions severe attack caterpillars has been reported. Spray Azadin @6ml/litre of water when weather is clear.	f 7 days in 2 ml per litre of
Alternaria blight Spray Indofil m-45 at regular interval of potato/tomato against Alternaria blight Ridge should be properly made, Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water, Foliar spray of Dithane M-45@2.5g/litre of water, Light irrigation is essential, Leaf eating caterpillars/ Knolkhol/ Others Aphids Leaf eating caterpillars/ Aphids Aphids Maturity/ Cauliflower/ Knolkhol/ Others Aphids Spray Azadin @6ml/litre of water when weather is clear.	2 ml per litre of
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 Red Ants: - Drenching with Chlorpyriphos @ 2 water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Cabbage/ Cauliflower/ Knolkhol/ Others Leaf eating caterpillars/ Aphids Light irrigation is essential, In present weather conditions severe attack caterpillars has been reported. Spray Azadin @6ml/litre of water when weather is clear. 	-
water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Cabbage/ Cauliflower/ Knolkhol/ Others Water, Foliar spray of Dithane M-45@2.5g/litre of water management of potato late blight. Light irrigation is essential, In present weather conditions severe attack caterpillars has been reported. Spray Azadin @6ml/litre of water when weather is clear.	-
 Foliar spray of Dithane M-45@2.5g/litre of wa management of potato late blight. Cabbage/ Cauliflower/ Knolkhol/ Others Leaf eating caterpillars/ Aphids Light irrigation is essential, In present weather conditions severe attack caterpillars has been reported. Spray Azadin @6ml/litre of water when weather is clear. 	
Cabbage/ Maturity/ Leaf eating Cauliflower/ Harvesting Chers Maturity/ Leaf eating caterpillars/ Aphids Maturity/ Leaf eating caterpillars/ Figure 1 Maturity/ Leaf eating caterpillars/ Substituting caterpillars Aphids Maturity/ Leaf eating caterpillars In present weather conditions severe attack caterpillars has been reported. Spray Azading @6ml/litre of water when weather is clear.	arer for
Cabbage/ Cauliflower/ Knolkhol/ Others Maturity/ Harvesting Leaf eating caterpillars/ Aphids Light irrigation is essential, In present weather conditions severe attack caterpillars has been reported. Spray Azadin @6ml/litre of water when weather is clear.	1101
Cauliflower/ Harvesting caterpillars/ Aphids Others Others Cauliflower/ Harvesting caterpillars/ Aphids Others Others Caterpillars/ Aphids Others In present weather conditions severe attack caterpillars has been reported. Spray Azadin @6ml/litre of water when weather is clear.	
Others @6ml/litre of water when weather is clear.	of leaf eating
	rachtin(0.015%)
• Spray with neem based pesticides against aphic	ds
Ginger/ Turmeric Maturity • Harvest the mature crop,	
Cure should be taken while harvest	so that the
rhizome is not damaged,	
HORTICULTURAL CROPS Citrus Maturity/ Bark eating • In case of Bark eating caterpillar, remove th	
harvesting caterpillar, Gummosis present in between the joints of the trunk an Dichlorovos (DDVP) 76 EC 0.1 percent @ 51 tunnel with the help of disposable syringe an swab soaked in Dichlorovos solution in the la Collect dropped fruits & dispose by putting in a burry deep in ground. Harvest the mature fruit with stalk and store in Dead wood pruning may be done after harvesti followed by spraying of fungicide, Carbendazin water. Breakdown the soil collected around the tree tr	and inject fml in the larval and push cotton larval tunnel. airtight bags or a dry places. ing of crop im @ 1gm/lit of
Banana Bunching Cold • Cover newly emerged bunches with locally ava	ailable sack to
protect from cold/frost • Mulching with straw/crop residue at root zo	one to evoid
frost injury in banana.	me to avoid
Large Cardamom Fruiting Chirkey Disease • Remove dry/diseased/old tillers & bran	nches & sprav
Bio NPK@ 2ml/lit water for proper grov	
Honey Bees	
Honey bees • Box must be covered with straw/dry leaves	s to provide
warmth	•
Provide sugar syrup	
LIVESTOCKS	
Livestock Stage Disease Precautionary Practices to be follow	ved
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 regula	arly cleaned,
Goat All stages • Deworming for gastrointestinal parasite	
Pigs All stages FMD (high fever • Avoid dampness and cover weak and sic	k animals
and appearance with sack cloth.	
of mucous • Animals should be given lukewarm feed and w	
membrane of the mouth and foot. • Right time to deworm with anti helmetic drugs.	'I
mouth and foot.) Swine Fever Provide proper hedding materials carecially to	
• 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, 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.
Contact Scien	ntists (ICAR) or S	tate 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: Dibang Valley

No: AMFU-Basar/2018/06

Dated: Fri, 19th January 2018



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

Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = 1.0 mm (Anini)	Generally clear/dry weather forecasted. Daily maximum and
	minimum temperature for the following period is predicted to be 20-
	22°C and 06-07°C respectively. Expected morning and evening
	relative humidity will be 81-85% and 18-37% 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

- 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
Rice	Harvesting		FIELD CROPS Sup day 8 proposity winness the grains for safe storage
Rice	Trai vesting		Sun-dry & properly winnow the grains for safe storage.In case of rain delay harvesting
Pea	Vegetative	Powdery	 Need based foliar spray of Dinocap (0.2%) or Carbendazim
		mildew/ leaf	50WP (0.1%) or Propiconazole (0.1%).
		eating insects	• On clear weather, spray of Azadirachtin 0.15% EC @
			6ml/lit against leaf eating insects
Black Gram &	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control
Green Gram			powdery mildew in black/green gram/pea
			VEGETABLES
Potato	Vegetative	Red Ants/	Weeding and application of fertilizer as per recommended
		Late blight/	doses is suggested in potato.
		Alternaria blight	• 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/	Maturity/	Leaf eating	 Light irrigation is essential,
Cauliflower/	Harvesting	caterpillars/	• In present weather conditions severe attack of leaf eating
Knolkhol/ Others		Aphids	caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear.
Others			 Spray with neem based pesticides against aphids
		HORT	TICULTURAL CROPS
Pineapple	Harvesting	11010	After winter harvest, collection/Selection of suckers & slip
			to be done for next season planting
Citrus	Maturity/	Bark eating	• In case of Bark eating caterpillar, remove the wooden frass
	harvesting	caterpillar,	present in between the joints of the trunk and inject
		Gummosis	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	Bunching	Cold	 Breakdown the soil collected around the tree trunk Cover newly emerged bunches with locally available sack to
Bunana	Building	Cold	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
Large Cardamom	Fruiting	Chirkey Disease	• Remove dry/diseased/old tillers & branches & spray
			Bio NPK@ 2ml/lit water for proper growth.
Honory book	I		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
Damaged gr	ain (not fungus co	ontaminated) to b	e diverted for Poultry/livestock feeding
• Clean drink			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	with sack cloth.
		of mucous membrane of the	Animals should be given lukewarm feed and water.
		membrane of the mouth and foot.)	• Right time to deworm with anti helmetic drugs (particularly
		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.
	I sugos		ramman product to Stren tune natur feet and natur.

Decker			 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 Scient	tists (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: 20th to 23rd 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 Kameng

No: AMFU-Basar/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and
	minimum temperature for the following period is predicted to be 24-
	25°C and 11-12°C respectively. Expected morning and evening
	relative humidity will be 85-87% and 27-44% respectively.
	Expected wind direction is mainly SE 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%). 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
Soybean	Harvesting		Immediately harvest soybean & thoroughly dry in sun. VEGETABLES
Ginger/ Turmeric	Maturity		Harvest the mature crop,
	1120022203		 Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	 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	 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.
		HORT	Spray with neem based pesticides against aphids TICULTURAL 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
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	Flowering stage	Chirkey Disease (fungal inection) & Chirke and Foorkey (virus infection)	 Mulching with locally available materials like dry grass/paddy straw recommended Remove diseased part & keep inflorescence clean. Uproot & burn virus infected plants
Pineapple	Active vegetative	,	 Mulching with locally available materials like dry grass/paddy straw recommended Remove excess suckers to increase fruit size and improve quality.
Ginger/Turmeric	Seedling		 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
Toko palm	Nursery		Agroforestry Filling of nursery polybags for raising of takopalm seedlings
Livestock	Ctaga	Disease	LIVESTOCKS Precautionary Practices to be followed
Livestock	Stage	Disease	1 recautionary r ractices to be followed

			e diverted for Poultry/livestock feeding
Clean drinkii Pigs	ng water should 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 Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body wei Provide proper bedding materials especially to new-born
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 perkg body weight. Provide proper bedding materials especially to new-born lukewarm food & water Heavy mortality in cloven footed animals has been reported. Supportive treatment of infected animals under supervision 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 Street Veterinary Dept.) Provide feed supplements
Poultry	All stages		 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from a by using gunny bags/plastic sheets around the poultrys during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 ne born chicks.
Fishery			 Application of quick lime is highly recommended in order rectify water pH. Application of fish feed (mustard oil cake) is essential achieving higher yield
Mithun		FMD	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 more of age and repeat after that 6 months interval by sub-cutane route. Pregnant animals above 7 months of pregnancy should be avoided.

Agro-met Advisory Bulletin

(Period: 20th to 23rd 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/2018/05

Dated: Tue, 16th January 2018



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

Weather summery of the previous week	Weather forecast valid up to 17 th Jan'2018
Rainfall: 0.0 mm; T. Max: 25.0°C; T. Min:	Generally clear/dry weather forecasted. Daily maximum and
14.0°C; RH: 61-70%	minimum temperature for the following period is predicted to be 25-
	26°C and 13-15°C respectively. Expected morning and evening
	relative humidity will be 71-85% and 26-44% respectively.
	Expected wind direction is mainly S with speed range of 4-5 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

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%). 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
			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	 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/ Harvesting	Leaf eating caterpillars/ Aphids	 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
G:	35 : /		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
Banana Kiwi	All stages Harvesting	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 Should be harvested by snapping their stalks
			Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
YY 1			Honey Bees
Honey bees			Cover the boxes with locally available dry grass or straw to provide warmth
**	G.	P:	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
			General e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be recyclerly closed
• Clean drinks Pigs	All stages	FMD (high fever	 the clock and water troughs/feeders should be regularly cleaned, Avoid dampness and cover weak and sick animals
rīgs	An stages	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 Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born
			piglets and lukewarm food & 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. For KVK staff for measures against adverse conditions or call

at 03795-226237/226247

Agro-met Advisory Bulletin

(Period: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



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

Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Past weather summary not available	Generally clear/dry weather forecasted Daily maximum and
	minimum temperature for the following period is predicted to be 19-
	20°C and 05-06°C respectively. Expected morning and evening
	relative humidity will be 71-75% and 18-37% respectively. Wind
	direction is mainly S & SSW with wind speed range of 5-12 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
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf	• Need based foliar spray of Dinocap (0.2%) 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
Black Gram &	Vegetative		Need based foliar spray of Sulfex@2g/lit water to control
Green Gram	C		powdery mildew in black/green gram/pea
Maize	Harvesting	Rat	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	 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
	36	Y 6	management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/ Others	Maturity/ Harvesting	Leaf eating caterpillars/ Aphids	 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.
		НОРТ	Spray with neem based pesticides against aphids ICULTURAL CROPS
Pineapple	Harvesting	HOKI	After winter harvest, collection/Selection of suckers & slip to be done for next season planting
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	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.
Peach	Post-harvesting		Training & pruning of diseased/criss-cross branches to harvest more solar energy & for proper growth.
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.
Large Cardamom	Fruiting	Chirkey Disease	• Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth.
			Honey Bees
			Box must be covered with straw/dry leaves to provide warmth
			LIVESTOCKS
	_		General be diverted for Poultry/livestock feeding
Clean drink Livestock			the clock and water troughs/feeders should be regularly cleaned,
Pigs	Stage All stages	Disease FMD (high fever	Precautionary Practices to be followed • Avoid dampness and cover weak and sick animals
1 182	An stages	and appearance of mucous	 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.)	Right time to deworm with anti helmetic drugs (particularly)

		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. 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 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: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and
(up to 12 th Jan)	minimum temperature for the following period is predicted to be 25-
	26°C and 12-13°C respectively. Expected morning and evening
	relative humidity will be 75-88% and 26-46% respectively. Wind
	direction is mainly SSW with 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
- 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	• Need based foliar spray of Dinocap (0.2%) 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
Mustard	Vegetative	Aphid	When population level is high spraying of Dimethoate @ 4
Maize	Harvesting	Rat	 ml per litre of water is advised Harvest mature cobs and dry properly before storing
			Use locally available traps to control rats menace
G: /F	36 : 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/	 Weeding and application of fertilizer as per recommended doses is suggested in potato.
		Alternaria blight	 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,
	X	Y 6	 Foliar spray of Dithane <u>M-45@2.5g/litre</u> of water for management of potato late blight.
Cabbage/ Cauliflower/ Knolkhol/	Maturity	Leaf eating caterpillars/ Aphids	 Light irrigation is essential, In present weather conditions severe attack of leaf eating
Others		Apmus	caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear.
		НОВТ	 Spray with neem based pesticides against aphids ICULTURAL CROPS
Large Cardamom	Fruiting	Chirkey Disease	Remove dry/diseased/old tillers & branches & spray
_		-	Bio NPK@ 2ml/lit water for proper growth.
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	 Breakdown the soil collected around the tree trunk 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
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
Livestock	Diage	Discase	General
0 0			e diverted for Poultry/livestock feeding
• Clean drink	All stages	FMD (high fever	the clock and water troughs/feeders should be regularly cleaned,
Figs	An stages	and appearance of mucous	with sack cloth.
		membrane of the	 Animals should be given lukewarm feed and water. 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.
			 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.

at 03795-226237/226247

Agro-met Advisory Bulletin

(Period: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = 0.0 mm (Roing)	Generally clear/dry weather forecasted. Daily maximum and
	minimum temperature for the following period is predicted to be 24-
	25°C and 11-12°C respectively. Expected morning and evening
	relative humidity will be 85-87% and 27-44% respectively. Wind
	direction is mainly SE with speed range of 5 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	• Need based foliar spray of Dinocap (0.2%) 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
Mustard	Vegetative	Aphid	When population level is high spraying of Dimethoate @ 4
Mustaru	vegetative	Apillu	ml per litre of water is advised
			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/	Weeding and application of fertilizer as per recommended
		Late blight/	doses is suggested in potato.
		Alternaria blight	 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
Cabbage/	Maturity/	Leaf eating	management of potato late blight.
Cauliflower/	Harvesting	caterpillars/	Light irrigation is essential, In present weather conditions severe attack of loof acting.
Knolkhol/	Trai vesting	Aphids	• In present weather conditions severe attack of leaf eating caterpillars has been reported. Spray Azadirachtin(0.015%)
Others		Tipmes	@6ml/litre of water when weather is clear.
			Spray with neem based pesticides against aphids
		HORT	TCULTURAL CROPS
Citrus	Maturity/	Bark eating	In case of Bark eating caterpillar, remove the wooden frass
	harvesting	caterpillar,	present in between the joints of the trunk and inject
		Gummosis	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 consulting of foresisting. Contaminating @ 1 and the foresisting of the provided of t
			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.
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
**	I		Honey Bees
Honey bees			Box must be covered with straw/dry leaves to provide
			warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
_	• 2 . =		General
	_		e diverted for Poultry/livestock feeding
			the clock and water troughs/feeders should be regularly cleaned,
Pigs	All stages	FMD (high fever and appearance	Avoid dampness and cover weak and sick animals with sack cloth.
		of mucous	
		membrane of the	Animals should be given lukewarm feed and water. Bight time to devery with onti helmetic drugs (perticularly).
		mouth and foot.)	Right time to deworm with anti-nemetic drugs (particularly
		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.
	- 111 Stages		Right time to deworm with anti helmetic drugs
	I	1	and the section is a section of the

		•	(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 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

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

Agro-met Advisory Bulletin

(Period: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = NA	Generally clear/dry weather forecasted. Daily maximum and
	minimum temperature for the following period is predicted to be 25-
	26°C and 12-13°C respectively. Expected morning and evening
	relative humidity will be 75-88% and 26-46% respectively. Wind
	direction is mainly SSW with speed range of 4-5 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	EIFER -	Precautionary Practices to be followed
Soybean	Harvesting		FIELD •	CROPS Immediately harvest soybean & thoroughly dry in sun.
Pea	Vegetative	Powdery mildew/ leaf eating insects	•	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
Rice	Maturity/ Harvesting	Gundhi bug/ leaf folder/ rice skipper	•	harvest the mature crop proper sun-drying before storag
Potato	Vegetative	Red Ants/	VEGE'	Wasding and application of fartilizar as per recommended
Potato	Vegetative	Late blight/ Alternaria blight	•	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/ Harvesting	Leaf eating caterpillars/ Aphids	•	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.
		HORT	ICULT	Spray with neem based pesticides against aphids CURAL CROPS
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
Citrus	Maturity/ harvesting	Fruit Drop Fruit Fly Gummosis	Agust	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 forestry
Toko palm	Nursery			of nursery polybags for raising of takopalm seedlings
Tono paini	Transery			ey Bees
Honey bees			•	Box must be covered with straw/dry leaves to provide warmth
	·		LIVES	STOCKS
Livestock	Stage	Disease		Precautionary Practices to be followed
			e divert	neral ed for Poultry/livestock feeding
			the close	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, 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.

at 03795-226237/226247

Agro-met Advisory Bulletin

(Period: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall: 0.0 mm; T. Max: 28.0°C; T. Min: 13.0°C; RH: 62-75%	Generally clear/dry weather forecasted. Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 13-15°C respectively. Expected morning and evening relative humidity will be 76-87% and 29-44% respectively. Expected wind direction mainly WNW with speed range of 4-5 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
Dag	Vacatatia	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%).
		eating insects	• 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
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/	Weeding and application of fertilizer as per recommended does is expected in patents.
		Alternaria blight	 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
Cabbage/	Maturity/	Leaf eating	management of potato late blight.Light irrigation is essential,
Cauliflower/	Harvesting	caterpillars/	 In present weather conditions severe attack of leaf eating
Knolkhol/		Aphids	caterpillars has been reported. Spray Azadirachtin(0.015%)
Others			@6ml/litre of water when weather is clear.
		норт	Spray with neem based pesticides against aphids ICULTURAL CROPS
Citrus	Maturity/	Bark eating	In case of Bark eating caterpillar, remove the wooden frass
	harvesting	caterpillar, Gummosis	 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
Banana	Multiple stages	Sigatoka Leaf	 Bio NPK@ 2ml/lit water for proper growth. One sword sucker may be allowed after shooting (Flowering),
Dunana	Wintiple stages	spot 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
			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
			e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned,
Goat	All stages		Deworming for gastrointestinal parasite
Pigs	All stages	FMD (high fever	Avoid dampness and cover weak and sick animals
		and appearance	with sack cloth.
		of mucous membrane of the	Animals should be given lukewarm feed and water.
		mouth and foot.) Swine Fever	Night time to deworm with anti-fictive drugs (particularly
		Swille rever	

			 Provide proper bedding materials especially to new-born 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 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 		
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 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: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = 0.0 mm	Mostly sunny weather forecasted. Daily maximum and minimum
	temperature for the following period is predicted to be 14-15°C and
	1.0-2.0°C respectively. Expected morning and evening relative
	humidity will be 52-67% and 12-26% respectively. Wind direction
	is mainly variable with probable speed range of 4-8 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	
Dec	Ware C		FIELD CROPS	1 .
Pea	Vegetative	Powdery mildew/ leaf	• Need based foliar spray of Dinocap (0.2%) or Carber	ıdazım
		eating insects	50WP (0.1%) or Propiconazole (0.1%).	rc e
		C	 On clear weather, spray of Azadirachtin 0.15% I 6ml/lit against leaf eating insects 	1C @
Maize	Harvesting	Rat		
Iviaize	Haivesting	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.	ed
		Late blight/	doses is suggested in potato.	
		Alternaria blight	 Spray Indofil m-45 at regular interval of 7 days in 	n
			potato/tomato against Alternaria blight	
			• Ridge should be properly made,	C
			 Red Ants: - Drenching with Chlorpyriphos @ 2 ml per liwater, 	tre of
			 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	
Knolkhol/ Others		Aphids	caterpillars has been reported. Spray Azadirachtin(0.	015%)
Others			@6ml/litre of water when weather is clear.	
		HORT	 Spray with neem based pesticides against aphids CULTURAL CROPS 	
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sad	k to
			protect from cold/frost	
			 Mulching with straw/crop residue at root zone to avo frost injury in banana. 	id
Temperate fruits	After harvesting		Training & pruning of the temperate crops (apple/pears/	peach)
•			is recommended	,
Kiwi	Harvesting		Should be harvested by snapping their stalks	
			• Fruit should be stored boxes containing cushioning ma	ıterials
0.1.1			and transported to the market in hard condition.	
Orchards			 Prepare half moon terraces in fruit (orange/banana/apple/peach) grown in steep slopes to p 	crops
			nutrient loss during heavy downpour.	TCVCIII
			Follow proper drainage and earthing up practices in	n low
			land/plain areas to avoid water stagnation in fruit orchar	ds
Honey bees			Honey Bees	
Holley bees			Provide sugar syrup near the boxCover the boxes with locally available dry grass to provi	de
			warmth.	uc
			LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
			General	
0 0			diverted for Poultry/livestock feeding	
			the clock and water troughs/feeders should be regularly clear	
Pigs	All stages	FMD (high fever and appearance	 Avoid dampness and cover weak and sick anima with sack cloth. 	IS
		of mucous	 Animals should be given lukewarm feed and water. 	
		membrane of the	 Right time to deworm with anti helmetic drugs (particular 	arlv
		mouth and foot.)	Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body v	
		Swine Fever	 Provide proper bedding materials especially to new-born 	_
01	A 11	EI C	piglets and lukewarm food & water	
Cattle	All stages	FMD	Animals should be given lukewarm feed and water. Pickt time to degree with cartile days as	
			• Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet	ner 3A
			kg body weight.	pc1 30
			 Provide proper bedding materials especially to new-bo 	rn and
			lukewarm food & water	
			Heavy mortality in cloven footed animals has been report	
			Supportive treatment of infected animals under supervisions deposits and supervisions deposits and supervisions.	sion of
			veterinary department officials,Avoid mixing of infected and healthy animals,	
	I		- 11void mixing of micetal and nearing 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. 	
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: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and
	minimum temperature for the following period is predicted to be 26-
	28°C and 12-14°C respectively. Expected morning and evening
	relative humidity will be 81-88% and 22-33% respectively. Wind
	direction is mainly ESE with speed range of 5-6 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
		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%).
		eating insects	• 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
			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/	Weeding and application of fertilizer as per recommended doses is suggested in potato.
		Alternaria blight	 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/	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.
			 Spray with neem based pesticides against aphids
		1	ICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar,	In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject
	A11 4	Gummosis	 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
			Honey Bees
			Box must be covered with straw/dry leaves 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 drinki	_		the clock and water troughs/feeders should be regularly cleaned,
Pigs	All stages	FMD (high fever	.
		and appearance	with sack cloth.
		of mucous membrane of the	Animals should be given lukewarm feed and water. Pick time to describe the will be be tiled and water.
		mouth and foot.)	Night time to deworm with anti-fictinetic drugs (particularly
		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 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
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 weight In present weather conditions vaccinate against swine fever (Vaccines available in State Veterinary Depts),
Contact Scien	tists (ICAR) or	State Agril Staff or	KVK staff for measures against adverse conditions or call

at 03795-226237/226247

Agro-met Advisory Bulletin

(Period: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Daily maximum and
	minimum temperature for the following period is predicted to be 20-
	22°C and 06-07°C respectively. Expected morning and evening
	relative humidity will be 81-85% and 18-37% respectively. Wind
	direction is mainly SE & SSE with speed range of 4-6 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	
		1	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%). On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects 	
Rice	Harvesting		 Sun-dry & properly winnow the grains for safe storage. In case of rain delay harvesting 	
Maize	Harvesting	Rat	 Harvest mature cobs and dry properly before storing Use locally available traps to control rats menace 	
	l		VEGETABLES	
Ginger/ Turmeric	·		 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	 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/ Harvesting	Leaf eating caterpillars/ Aphids	 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 	
		HORT	ICULTURAL CROPS	
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 	
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 	
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			 Box must be covered with straw/dry leaves to provide warmth Provide sugar syrup 	
		_	LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
0 0			General e diverted for Poultry/livestock feeding the clock and water traughs/feeders should be regularly closed	
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 	

Fishery	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 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for 	
Poultry	All stages		 achieving higher yield 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 Scien	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: 20th to 23rd January 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

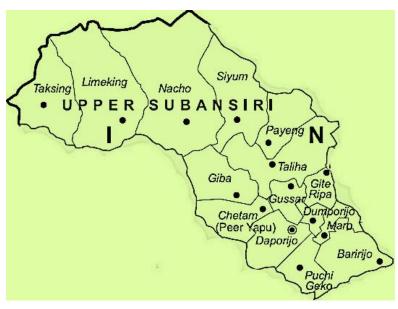


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: AMFU-Basar/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Daporijo: 3.2 mm	Generally clear/dry weather forecasted. Daily maximum and
	minimum temperature for the following period is predicted to be 25-
	26°C and 12-13°C respectively. Expected morning and evening
	relative humidity will be 75-88% and 26-46% respectively.
	Expected wind direction is mainly SSW & SW with speed range of
	4-5 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
Pea	Vegetative	Powdery mildew/ leaf eating insects	 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
Mustard	Vegetative	White rust/ Downey mildew	 Need-based foliar spray of Metalaxyl+Dithane M-45 @ 2.5g/lit at 15 days intervalfor management of White rust/Downy mildew in mustard
Rice	Harvesting		Sun-dry & properly winnow the grains for safe storage.
	<u> </u>		VEGETABLES
Potato	Vegetative	Red Ants/ Late blight/ Alternaria blight	 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	 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.
		ЦОРТ	 Spray with neem based pesticides against aphids 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
Temperate fruits	After harvesting	Clin Di	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.
Banana	Bunching	Cold	 Cover newly emerged bunches with locally available sack to 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 BeesProvide sugar syrup near the box
1101103 0003			 Add insulation and ventilation systems
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
• Clean drinki			General e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned,
Fishery	15-		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	 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 product and hylogographical for the production.
C-u1-	A 11 -4	EMD	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,
			 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
Mithun		FMD	Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and report after that 6 months interval by sub-outeneous.
			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			

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at 03795-226237/226247

Agrometeorological Field Unit ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 20th to 23rd 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/2018/06

Dated: Fri, 19th January 2018



Weather summery of the previous week	Weather forecast valid up to 24 th Jan'2018
Rainfall = Bomdila: 0.0; Bhalukpong: 0.0	Generally clear/dry weather forecasted. Daily maximum and
mm	minimum temperature for the following period is predicted to be 20-
	22°C and 06-07°C respectively. Expected morning and evening
	relative humidity will be 81-85% and 18-37% respectively. Wind
	direction variable SE & SSE with speed range of 4-6 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
Rice	Harvesting		 Sun-dry & properly winnow the grains for safe storage.
			In case of rain delay harvesting
Maize	Harvesting	Rat	Harvest mature cobs and dry properly before storing
_			Use locally available traps to control rats menace
Pea	Vegetative		Provide irrigation to plants
			Weeding advocated
			VEGETABLES
Potato	Vegetative	Red Ants/	Weeding and application of fertilizer as per recommended
		Late blight/	doses is suggested in potato.
		Alternaria blight	
			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.
			 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/	Harvesting	caterpillars/	• In present weather conditions severe attack of leaf eating
Knolkhol/		Aphids	caterpillars has been reported. Spray Azadirachtin(0.015%)
Others			@6ml/litre of water when weather is clear.
			 Spray with neem based pesticides against aphids
		HORT	ICULTURAL CROPS
Temperate fruits	After harvesting		• Training & pruning of the temperate crops (apple/pears/peach) is recommended
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.
Citrus	Maturity/	Fruit Drop	Harvest the mature fruit with stalk and store in dry places.
	harvesting	Fruit Fly	• Collect & dispose rotten fallen fruits/ install fruit-fly traps
		Gummosis	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
Pineapple	Sowing		• Clean the vicinity of plants by weeding and loosen up the soil.
			• Remove sly and use it as a new planting material.
			• Sucker dipping treatment with Bavistin @ 3g + Chlorpyriphos
			20EC@ 2ml/lt of water to protect against soil borne disease
0 1 1			and insect.
Orchards			Prepare half moon terraces in fruit crops (2000) (2000)
			(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
			General
0 0			be diverted for Poultry/livestock feeding I the clock and water troughs/feeders should be regularly cleaned,
Fishery	mater silvaid	Se chigai ca i valla	Keep fish stoking density thin @1200/ha
Pigs	All stages	FMD (high fever	
1 153	7 III stages	and appearance	Avoid dampness and cover weak and sick animals 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.)	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
			<u> </u>

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. Proposition of the propos	
C A A C	A': A · (ICAD)		• 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			

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Agrometeorological Field Unit ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 20th to 23rd 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/2018/06

Dated: Fri, 19th 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 24 th Jan'2018
Basar: Rainfall = 0.0 mm. T. Max: 21.0°C,	Generally clear/dry weather forecasted. Daily maximum and
T. Min: 6.0°C, RH: 52-98%, Wind Speed: 4-	minimum temperature for the following period is predicted to be 25-
5 kmph, Wind Direction: ENE & SW	26°C and 12-13°C respectively. Expected morning and evening
	relative humidity will be 75-88% and 26-46% respectively. Wind
	direction is mainly SSW 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
- 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		
70	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%).		
		8	• 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 		
Wiustaiu	vegetative	Apmu	ml per litre of water is advised		
			VEGETABLES		
Ginger/ Turmeric	Maturity		Harvest the mature crop,		
			 Cure should be taken while harvest so that the 		
Datata	¥74-4:	D - 1 A 4 /	rhizome is not damaged,		
Potato	Vegetative	Red Ants/ Late blight/	 Weeding and application of fertilizer as per recommended doses is suggested in potato. 		
		Alternaria blight	 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/	Maturity	Leaf eating	 Light irrigation is essential, 		
Cauliflower/ Knolkhol/		caterpillars/ Aphids	• In present weather conditions severe attack of leaf eating		
Others		ripinas	caterpillars has been reported. Spray Azadirachtin(0.015%) @6ml/litre of water when weather is clear.		
			Spray with neem based pesticides against aphids		
		HORT	ICULTURAL CROPS		
Pineapple	Harvesting		 After winter harvest, collection/Selection of suckers & slip to be done for next season planting 		
Citrus	Maturity/	Bark eating	• In case of Bark eating caterpillar, remove the wooden frass		
	harvesting	caterpillar, Gummosis	present in between the joints of the trunk and inject		
		Guillilosis	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.		
Banana	Bunching	Cold	 Breakdown the soil collected around the tree trunk Cover newly emerged bunches with locally available sack to 		
Danana	Building	Colu	protect from cold/frost		
			Mulching with straw/crop residue at root zone to avoid		
Temperate fruits	After harvesting		frost injury in banana.		
Temperate muns	After harvesting		 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.		
Honey bees			Honey Bees Cover the boyes with locally available dry gross or stroy to		
Tioney dees			 Cover the boxes with locally available dry grass or straw to provide warmt 		
			LIVESTOCKS		
Livestock	Stage	Disease	Precautionary Practices to be followed		
			General		
0 0			e diverted for Poultry/livestock feeding		
• Clean drink Poultry	All stages	ve ensureu round	 the clock and water troughs/feeders should be regularly cleaned, Day old chick-Maintain warmth by lighting, 		
	2.1 5 00		 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	Avoid dampness and cover weak and sick animals		

		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 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, 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 		
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				

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