Agro-met Advisory Bulletin

(Period: 7th to 9th February 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

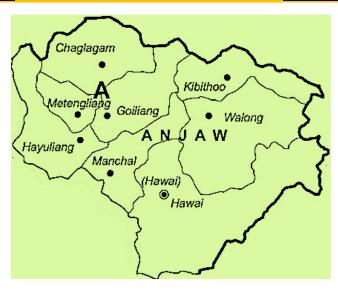


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Anjaw

No: AMFU-Basar/2018/11

Dated: Tue, 6th February, 2018



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

Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
No weather summary available	Mostly cloudy with possibility of moderate to rather heavy
	rainfall. Daily maximum and minimum temperature for the following period is predicted to be 18-19°C and 08-09°C respectively. Expected morning and evening relative humidity will be 78-97% and 65-79% respectively. Wind direction is mainly SE &
Warning:	 SSE with average wind speed range of 5-6 kmph. Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Avoid/suspend all spray operations and application of fertilizers.
Toria/ Mustard	Vegetative/ Flowering		 Provide proper drainage facilities for the toria grown in the WRC field to protect them against heavy rainfall.
			VEGETABLES
Ginger/ Turmeric	Maturity		 Harvest the mature crop on clear day, Cure should be taken while harvest so that the rhizome is not damaged,
Potato	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done during sunny days, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of
Cabbage/	Harvesting		water is advised using stickers in case of rainfall • Harvest mature crop.
Cauliflower		норт	Constantly monitor against attack of insects pests/mole. TICULTURAL CROPS
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to
	Ü	Cola	 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, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the
Temperate fruits	After harvesting		 diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel. Training & pruning of the temperate crops (apple/pears/peach) is recommended
			In case of flowering, stop spraying insecticides/pesticides
			LIVESTOCKS
Poultry	Stage All stages	Disease	 Precautionary Practices to be followed Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. 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.
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. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. 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.
Fishery			Keep fish stoking density thin @1200/ha
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and

			lukewarm food & water		
		•	Provide feed supplements		
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 Scientis	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-				
226227/226247					

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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: Changlang

No: AMFU-Basar/2018/11

Dated: Tue, 6th February, 2018



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

Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = Changlang: 0.0 mm Miao: 0.0	Variable sky with possibility of no rainfall. Daily maximum and
mm (Up to 2 nd Feb)	minimum temperature for the following period is predicted to be
	24°C and 15-16°C respectively. Expected morning and evening
	relative humidity will be 47-75% and 22-32% respectively. Wind
	direction is mainly ESE with speed range of 4-6 kmph.
Warning	Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

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



Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
Maize	Vegetative/ Maturity/ Harvesting	Rats	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
D	X7		VEGETABLES
Potato	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall
Cabbage/ Cauliflower	Harvesting		 Harvest mature crop. Constantly monitor against attack of insects pests/mole.
Ginger/ Turmeric	Maturity	н∩рт	 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged, TCULTURAL CROPS
Citrus	Maturity/	Bark eating	Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar, Trunk borer, Blue & Green mould	 Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant using sticker in case of rainfall. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	Bunching	Cold	 Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
			Honey Bees
Honey bees			 Box must be covered with straw/dry leaves to provide warmth Provide sugar syrup LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Damaged gr	rain (not fungus co	ontaminated) to b	General be diverted for Poultry/livestock feeding
• Clean drink	All stages	ve ensurea round	the clock and water troughs/feeders should be regularly cleaned,
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. 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.
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. The bedding is always dry and that there is plenty.

			•	Right time to deworm with anti helmetic drugs (particularly
				Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Goat	All stages		•	Deworming for gastrointestinal parasite
Cattle	All stages	FMD	•	Animals should be given lukewarm feed and water.
			•	Right time to deworm with anti helmetic drugs
				(particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30
				kg body weight.
			•	Provide proper bedding materials especially to new-born and
				lukewarm food & water
			•	Provide feed supplements
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: 7th to 9th February 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: Dibang Valley

No: AMFU-Basar/2018/11

Dated: Tue, 6th February, 2018



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

Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = 0.0 mm (Anini) (Up to 2^{nd} Feb)	Partly/moderately cloudy with possibility of moderate to rather
	heavy rainfall. Daily maximum and minimum temperature for the
	following period is predicted to be 18-19°C and 08-09°C
	respectively. Expected morning and evening relative humidity will be
	90-98% and 60-93% respectively. Wind direction is mainly SE & S
	with speed range of 5-9 kmph.
Warning:	Moderate to dense fog likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Avoid/suspend all spray operations and application of fertilizers.
Toria/ Mustard	Vegetative/ Flowering		• Provide proper drainage facilities for the toria grown in the WRC field to protect them against heavy rainfall.
			VEGETABLES
Potato	Vegetative stage/	Late blight	In present weather conditions harvesting of mature crops
	Harvesting stage		 may be done during sunny days, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of
Cabbage/	Harvesting		water is advised using stickers in case of rainfallHarvest mature crop.
Cauliflower			 Constantly monitor against attack of insects pests/mole.
		HOR	TICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass
			present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
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
Temperate fruits	After harvesting		 frost injury in banana. Training & pruning of the temperate crops (apple/pears/peach) is recommended
			Honey Bees
Honey bees			 Cover the boxes with locally available dry grass or straw to provide warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Damaged gr	rain (not fungus co	ontaminated) to b	General e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned,
Poultry	All stages		Provide shelter to the backyard/scavenging poultry. Feed
			 grains in the morning/evening to supplement scavenging. 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.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	
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.

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

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = 0.0 mm (Up to 2 nd Feb)	Partly cloudy with possibility of no rain. Daily maximum and minimum temperature for the following period is predicted to be 21-22°C and 13-14°C respectively. Expected morning and evening relative humidity will be 72-91% and 32-49% respectively. Expected wind direction is mainly SSE & E 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
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
Potato	Vegetative stage/	Late blight	 VEGETABLES In present weather conditions harvesting of mature crops
rotato	Harvesting stage	Late bugut	 In present weather conditions harvesting of mature crops may be done, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised
Cabbage/	Harvesting		Harvest mature crop.
Cauliflower	Motumity		Constantly monitor against attack of insects pests/mole.
Ginger/ Turmeric	Maturity		 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
		HORT	TICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit on clear/dry day. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	Bunching	Cold	 Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid
Pineapple	Active vegetative		 frost injury in banana. Remove excess suckers to increase fruit size and improve quality.
Ginger/Turmeric	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 Agroforestry
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
_	-		I WINGING CIVIC
Livestock	Stage	Disease	LIVESTOCKS Precautionary Practices to be followed
Damaged gr	ain (not fungus co	ontaminated) to b	General e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned,
Poultry	All stages	o Casar Cu I Vuilu	 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. 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.
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. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. 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.		
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements 		
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield 		
Mithun		FMD	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. Pregnant animals above 7 months of pregnancy should be avoided. 		
Contact Scient	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: 7th to 9th February 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: East Siang

No: AMFU-Basar/2018/11

Dated: Tue, 6th February, 2018



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

Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall: 0.0 mm; T. Max: 25.0°C; T. Min:	Sunny/Partly cloudy with possibility of light/moderate rainfall.
13.0°C; RH: 69-80% (Up to 2 nd Feb)	Daily maximum and minimum temperature for the following period
	is predicted to be 20-22°C and 15°C respectively. Expected morning
	and evening relative humidity will be 70-94% and 30-54%
	respectively. Expected wind direction is mainly S & W with speed
	range of 5-6 kmph.
Warning:	Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
	Ü		FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Avoid/suspend all spray operations and application of fertilizers.
Toria/ Mustard	Vegetative/ Flowering	cating insects	Provide proper drainage facilities for the toria grown in the WRC field to protect them against heavy rainfall.
Maize	Vegetative/	Rats	Prepare field for sowing of crop,
Marze	Maturity/ Harvesting	ruis	 Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
			VEGETABLES
Potato	Vegetative stage/	Late blight	• In present weather conditions harvesting of mature crops
2 0 0 0 0	Harvesting stage	Late organ	 may be done during sunny days, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall
Cabbage/ Cauliflower	Harvesting		 Harvest mature crop. Constantly monitor against attack of insects pests/mole.
Ginger/ Turmeric	Maturity		 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
		HORT	ICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel. Should be harvested by snapping their stalks
IXI WI	Trai vesting		 Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
			Honey Bees
Honey bees			 Cover the boxes with locally available dry grass or straw to provide warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
	_		General e diverted for Poultry/livestock feeding
			the clock and water troughs/feeders should be regularly cleaned,
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Heavy mortality in cloven footed animals has been reported.

			 Supportive treatment of infected animals under supervision of veterinary department officials, Avoid mixing of infected and healthy animals, Keep infected animals separated from the healthy ones, Vaccinate the healthy animals against FMD (Through State Veterinary Dept.) Provide feed supplements
Poultry	All stages		 Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultryshed during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Mithun		FMD	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.
Contact Scien	tists (ICAR) or S	State Agril Staff	f or KVK staff for measures against adverse conditions or call

at 03795-226237/226247

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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: Kurung Kumey

No: AMFU-Basar/2018/11

Dated: Tue, 6th February, 2018



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

Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Past weather summary not available	Partly cloudy with possibility of very light rain. Daily maximum
	and minimum temperature for the following period is predicted to be
	17-18°C and 08-09°C respectively. Expected morning and evening
	relative humidity will be 73-87% and 44-58% respectively. Wind
	direction is mainly SSW with wind speed range of 6-8 kmph.
Warning	Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
			VEGETABLES
Potato	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised
Cabbage/	Harvesting		Harvest mature crop.
Cauliflower			 Constantly monitor against attack of insects pests/mole.
		HORT	TCULTURAL CROPS
Temperate fruits Citrus	After harvesting Maturity/	Bark eating	 Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar, Trunk borer, Blue & Green mould	 Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using sticker in case of rainfall. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Pineapple	Harvesting		After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Banana	Bunching	Cold	 Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
			Honey Bees
			Box must be covered with straw/dry leaves to provide warmth
			LIVESTOCKS
0 0			General be diverted for Poultry/livestock feeding I the clock and water troughs/feeders should be regularly cleaned,

Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. 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.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the	 Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided.

	mouth and foot	Animals should be given lukewarm feed and water.	
	Swine Fever	Right time to deworm with anti helmetic drugs (particularly)	
		Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.	
Mithun	FMD	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. Pregnant animals above 7 months of pregnancy should be avoided. 	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = 0.0 mm (Up to 2 nd Feb)	Partly cloudy with possibility of light to rather heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 22-23°C and 13-14°C respectively. Expected morning and evening relative humidity will be 63-86% and 40-55% respectively. Wind direction is mainly ENE 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 poly-houses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing.

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Avoid/suspend all spray operations and application of fertilizers.
Toria/ Mustard	Vegetative/ Flowering		• Provide proper drainage facilities for the toria grown in the WRC field to protect them against heavy rainfall.
Maize	Vegetative/ Maturity/ Harvesting	Rats	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
			VEGETABLES
Potato	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done during sunny days, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall
Cabbage/	Harvesting		Harvest mature crop.
Cauliflower			Constantly monitor against attack of insects pests/mole.
Ginger/ Turmeric	Maturity	илрт	 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged, TCULTURAL CROPS
Citrus	Maturity/	Bark eating	Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar, Trunk borer, Blue & Green mould	 Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Large Cardamom	Fruiting	Chirkey Disease	Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth on clear/dry days.
Banana	All stages	Sigatoka Leaf spot	 One sword sucker may be allowed after shooting (Flowering), Periodical removal of side suckers by cutting them above the ground level, scoop the core and pour 2 ml of kerosene in the core, Foliar spray of Propiconazole (e.g., Tilt) @ 1 ml per litre of wate using stickers
Kiwi	Harvesting		 Should be harvested by snapping their stalks Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
			Honey Bees
Honey bees			Cover the boxes with locally available dry grass or straw to provide warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Damaged gr		ontaminated) to b	General e diverted for Poultry/livestock feeding
			the clock and water troughs/feeders should be regularly cleaned,
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. 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.
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. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. 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.
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 Contact Scien	tists (ICAR) or	FMD State Agril Staff	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by subcutaneous route. Pregnant animals above 7 months of pregnancy should be avoided. For KVK staff for measures against adverse conditions or call

at 03795-226237/226247

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = $0.4 \text{ mm (Roing) (Up to } 2^{\text{nd}} \text{ Feb)}$	Partly/mostly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is
	predicted to be 21-22°C and 13-14°C respectively. Expected morning
	and evening relative humidity will be 85-98% and 40-82%
	respectively. Wind direction is mainly ESE & SE with speed range of
	3-7 kmph.
Warning:	Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	• Avoid/suspend all spray operations and application of fertilizers.
Toria/ Mustard	Vegetative/ Flowering	-	• Provide proper drainage facilities for the toria grown in the WRC field to protect them against heavy rainfall.
Maize	Vegetative/ Maturity/ Harvesting	Rats	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
7			VEGETABLES
Potato	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done during sunny days, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall
Cabbage/ Cauliflower	Harvesting		 Harvest mature crop. Constantly monitor against attack of insects pests/mole.
Ginger/ Turmeric	Maturity		 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
		HORT	TCULTURAL CROPS
	harvesting	caterpillar, Trunk borer, Blue & Green mould	 Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Large Cardamom	Fruiting	Chirkey Disease	• Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth on clear/dry days.
Banana	Multiple stages	Sigatoka Leaf spot	 One sword sucker may be allowed after shooting (Flowering), Periodical removal of side suckers by cutting them above the ground level, scoop the core and pour 2 ml of kerosene in the core, Foliar spray of Propiconazole (e.g., Tilt) @ 1 ml per litre of wate using stickers in case of rainfall.
TT 1			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 oe diverted for Poultry/livestock feeding I the clock and water troughs/feeders should be regularly cleaned,
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 Avoid dampness and cover weak and sick animals with sack cloth. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly)
Cutile	1 III Suigos	1 1/112	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 poultry shed during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Goat	All stages	Deworming for gastrointestinal parasite **TANK

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

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

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = NA	Partly cloudy with possibility of light/moderate rainfall. Daily
	maximum and minimum temperature for the following period is
	predicted to be 21-22°C and 13-14°C respectively. Expected
	morning and evening relative humidity will be 78-94% and 40-58%
	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	Precautionary Practices to be followed
Стор	Stage	<u> </u>	FIELD CROPS
Pea	Vegetative	Powdery	Avoid/suspend all spray operations and application of
1 Ca	Vegetative	mildew/ leaf eating insects	fertilizers.
Toria/ Mustard	Vegetative/		Provide proper drainage facilities for the toria grown in
	Flowering		the WRC field to protect them against heavy rainfall.
			VEGETABLES
Potato	Vegetative stage/	Late blight	In present weather conditions harvesting of mature crops
	Harvesting stage		may be done during sunny days,
			Regularly monitor against the disease symptoms. Prominent
			symptoms include small, dark, circular to irregular shaped lesion in the leaves
			 Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of
			water is advised using stickers in case of rainfall
Cabbage/	Harvesting		Harvest mature crop.
Cauliflower			 Constantly monitor against attack of insects pests/mole.
		1	ICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer,	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 <u>EC@0.05%</u> against trunk-borer on dry days.
		Blue & Green mould	 On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant.
			In case of Bark eating caterpillar, remove the wooden frass
			present in between the joints of the trunk and inject
			Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval
			tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Pineapple	Harvesting		After winter harvest, collection/Selection of suckers & slip
	C		to be done for next season planting
Temperate fruits	After harvesting		 Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to
			 protect from cold/frost Mulching with straw/crop residue at root zone to avoid
			frost injury in banana.
TD 1 1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Agroforestry
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
			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
0 0			e diverted for Poultry/livestock feeding
		be ensured round	the clock and water troughs/feeders should be regularly cleaned,
Poultry	All stages		Provide shelter to the backyard/scavenging poultry. Feed grains in the marring/evening to symplement seavenging.
			 grains in the morning/evening to supplement scavenging. 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.
Pigs	All stages	FMD (high fever	•
		and appearance of mucous	sack cloth.
		membrane of the	 The bedding is always dry and that there is plenty.
		mouth and foot.)	 If possible wooden sleeping box should be provided.
		Swine Fever	Animals should be given lukewarm feed and water.
			Right time to deworm with anti helmetic drugs (particularly)

			Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Mithun		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	ntists (ICAR) or	State Agril Staf	f or KVK staff for measures against adverse conditions or call

at 03795-226237/226247

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather forecast valid up to 11 th February 2018
Variable sky with possibility of light rain. Daily maximum and
minimum temperature for the following period is predicted to be
24°C and 15-16°C respectively. Expected morning and evening
relative humidity will be 71-89% and 37-51% respectively.
Expected wind direction mainly W with speed range of 3-5 kmph.
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

Pea Mustard Potato Ve	Vegetative/ Maturity/ Harvesting Vegetative Vegetative egetative stage/ arvesting stage	Powdery mildew/ leaf eating insects Aphid	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES In present weather conditions harvesting of mature crops
Pea Mustard Potato Ve	Maturity/ Harvesting Vegetative Vegetative	Powdery mildew/ leaf eating insects	 Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Pea Mustard Potato Ve	Vegetative Vegetative egetative stage/	mildew/ leaf eating insects Aphid	 Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Pea Mustard Potato Ve	Vegetative Vegetative egetative stage/	mildew/ leaf eating insects Aphid	 traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Mustard Potato Ve	Vegetative	mildew/ leaf eating insects Aphid	 When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Mustard Potato Ve	Vegetative	mildew/ leaf eating insects Aphid	 rodenticide like bromadiolone with proper consultation with experts is advised. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Mustard Potato Ve	Vegetative	mildew/ leaf eating insects Aphid	 experts is advised. Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Mustard Potato Ve	Vegetative	mildew/ leaf eating insects Aphid	 Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Mustard Potato Ve	Vegetative	mildew/ leaf eating insects Aphid	50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. • On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects • When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Potato Ve	egetative stage/	eating insects Aphid	of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Potato Ve	egetative stage/	Aphid	of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Potato Ve	egetative stage/	Aphid	 On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Potato Ve	egetative stage/	-	 6ml/lit against leaf eating insects When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Potato Ve	egetative stage/	-	When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Potato Ve	egetative stage/	-	When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall VEGETABLES
Potato Ve	egetative stage/	-	ml per litre of water is advised using stickers in case of rainfall VEGETABLES
l l	•		rainfall VEGETABLES
l ·	•		VEGETABLES
l ·	•		
l ·	•	Late blight	 In present weather conditions harvesting of mature crops
Ha	arvesting stage	_	
			may be done,
			Regularly monitor against the disease symptoms.
			Prominent symptoms include small, dark, circular to
			irregular shaped lesion in the leaves
i I			
			Prophylactic spraying of Mancozeb @ 2 gram per 4 litres
G 11	**		of water is advised
_	Harvesting		Harvest mature crop.
Cauliflower			 Constantly monitor against attack of insects pests/mole.
Ginger/ Turmeric	Maturity		Harvest the mature crop,
	-		Cure should be taken while harvest so that the
			rhizome is not damaged,
			TCULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Gummosis	• In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
			 Collect dropped fruits & dispose by putting in airtight bags or burry deep in ground. Harvest the mature fruit with stalk and store in dry places. Dead wood pruning may be done after harvesting of crop followed by spraying of fungicide, Carbendazim @ 1gm/lit of water.
			Breakdown the soil collected around the tree trunk
Large Cardamom	Fruiting	Chirkey Disease	• Remove dry/diseased/old tillers & branches & spray
			Bio NPK@ 2ml/lit water for proper growth using
			stickers in case of rainfall.
Banana Mu	ultiple stages	Sigatoka Leaf	One sword sucker may be allowed after shooting (Flowering),
1/10	and problems	spot	 One sword sucker may be anowed after shooting (Flowering), Periodical removal of side suckers by cutting them above the
		spot	, ,
			ground level, scoop the core and pour 2 ml of kerosene in the
			core,
			• Foliar spray of Propiconazole (e.g., Tilt) @ 1 ml per litre of
			water using stickers in case of rainfall
			Honey Bees
Honey bees			Box must be covered with straw/dry leaves to provide
Troncy occs			· · ·
			warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
	····•		General
• Domogod and	(not frances ==	ntominotod) to L	
0 0			e diverted for Poultry/livestock feeding
		oe ensured round	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
-8-		and appearance	with sack cloth.
		of mucous	
		or macous	Animals should be given lukewarm feed and water.

		membrane of the mouth and foot.) Swine Fever	 Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight Provide proper bedding materials especially to new-born piglets and lukewarm food & water
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 3 kg body weight. Provide proper bedding materials especially to new-born ar lukewarm food & water Provide feed supplements
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 Iron injection within 10 days of birth is advised to newly born piglets if they are kept in confined system Deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weightIn present weather conditions vaccinate against swine fever (Vaccine available in State Veterinary Depts),

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

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

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = 0.0 mm	Sunny to partly cloudy with possibility of no rain. Daily
	maximum and minimum temperature for the following period is
	predicted to be 13-14°C and 4.0-5.0°C respectively. Expected
	morning and evening relative humidity will be 35-73% and 09-32%
	respectively. Wind direction is mainly WSW & W with probable
	speed range of 6-9 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

Maize	Vegetative/		FIELD CROPS
Maize	Vegetative/		
	Maturity/ Harvesting	Rats	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
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
	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised
Cabbage/	Harvesting		 Harvest mature crop.
Cauliflower		TTO TO	Constantly monitor against attack of insects pests/mole. Constantly monitor against attack of insects pests/mole. Constantly monitor against attack
Tampanata fruita	A ft on homyostin a	HORT	ICULTURAL CROPS
Temperate fruits	After harvesting		 Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Banana 1	Bunching	Cold	 Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Kiwi	Harvesting		 Should be harvested by snapping their stalks Fruit should be stored boxes containing cushioning materials and transported to the market in hard condition.
Orchards			 Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards Honey Bees
Honey bees			Provide sugar syrup near the box
			Cover the boxes with locally available dry grass to provide
			warmth.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
			General e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned,
Poultry	All stages	oc chiarca rouna	 Provide shelter to the backyard/scavenging poultry. Feed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	 grains in the morning/evening to supplement scavenging. 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. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided.
		Swine Fever	 Animals should be given lukewarm feed and water.
		,	Animals should be given lukewarm feed and water.Right time to deworm with anti helmetic drugs (particularly
Cattle		,	•

	•	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30			
		kg body weight.			
	•	Provide proper bedding materials especially to new-born and			
		lukewarm food & water			
	•	Provide feed supplements			
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: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = 0.0 mm (Up to 2^{nd} Feb)	Variable weather with possibility of no rain. Daily maximum and
	minimum temperature for the following period is predicted to be
	24°C and 15-16°C respectively. Expected morning and evening
	relative humidity will be 64-100% and 27-41% respectively. Wind
	direction is mainly SE with speed range of 2-6 kmph.
Warning:	Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Maize	Vegetative/ Maturity/ Harvesting	Rats	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using stickers in case of rainfall. On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects or using stickers in case of rainfall
Mustard	Vegetative	Aphid	 When population level is high spraying of Dimethoate @ 4 ml per litre of water is advised using stickers in case of rainfall
			VEGETABLES
Potato	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised
Cabbage/ Cauliflower	Harvesting		Harvest mature crop.
Ginger/ Turmeric	Maturity		 Constantly monitor against attack of insects pests/mole. Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
		HORT	ICULTURAL CROPS
Citrus	Maturity/ harvesting	Bark eating caterpillar, Trunk borer, Blue & Green mould	 Orange (only if harvesting is over): Go for drenching with Dichlorovos 76 EC@0.05% against trunk-borer. Against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit using stickers in case of rainfall. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Banana	All stages	Sigatoka Leaf spot	 One sword sucker may be allowed after shooting (Flowering), Periodical removal of side suckers by cutting them above the ground level, scoop the core and pour 2 ml of kerosene in the core, Foliar spray of Propiconazole (e.g., Tilt) @ 1 ml per litre of water using stickers in case of rainfall
			Honey Bees
			Box must be covered with straw/dry leaves to provide warmth
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
			General e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned
	All stages		the clock and water troughs/feeders should be regularly cleaned,
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the	 with sack cloth. 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

			•	Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
7.		T) (D) (1 1 1 0		**
Pigs	All stages	FMD (high fever	•	Iron injection within 10 days of birth is advised to newly born
		and appearance		piglets if they are kept in confined system
		of mucous	•	Deworm with anti helmetic drugs (particularly Tapeworms)
		membrane of the		viz. Fento Plus @ 1 tablet per 30 kg body weight
		mouth and foot.)	•	In present weather conditions vaccinate against swine
		Swine Fever	_	fever (Vaccines available in State Veterinary Depts),
	<u> </u>			` 1 //
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: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = 0.0 mm (Up to 2^{nd} Feb)	Partly cloudy with possibility of light/moderate rainfall. Daily
	maximum and minimum temperature for the following period is
	predicted to be 18-19°C and 08-09°C respectively. Expected
	morning and evening relative humidity will be 74-91% and 48-72%
	respectively. Wind direction is mainly variable with speed range of
	5-6 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
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	Avoid/suspend all spray operations and application of fertilizers.
Toria/ Mustard	Vegetative/ Flowering	_	• Provide proper drainage facilities for the toria grown in the WRC field to protect them against heavy rainfall.
Maize	Vegetative/ Maturity/ Harvesting	Rats	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
			VEGETABLES
Potato	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done during sunny days, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall
Cabbage/ Cauliflower	Harvesting		 Harvest mature crop. Constantly monitor against attack of insects pests/mole.
Ginger/ Turmeric	Maturity		 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Citrus	Maturity/	HORT Bark eating	 Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar, Trunk borer, Blue & Green mould	 Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Temperate fruits	After harvesting		 Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
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.
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
0 0			Precautionary Practices to be followed General be diverted for Poultry/livestock feeding It the clock and water troughs/feeders should be regularly cleaned, • Provide shelter to the backyard/scavenging poultry. Feed
			 grains in the morning/evening to supplement scavenging. Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cold by

Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	 using gunny bags/plastic sheets around the poultry shed during night, Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks. Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. 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.
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements
Fishery			 Application of quick lime is highly recommended in order to rectify water pH. Application of fish feed (mustard oil cake) is essential for achieving higher yield
Mithun	dan.	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. 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: 7th to 9th February 2018)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

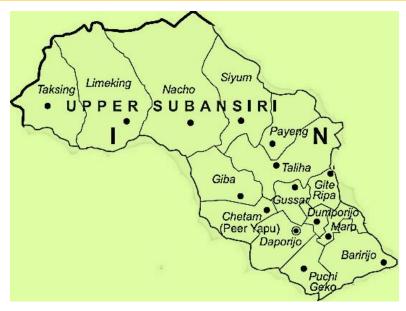


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: AMFU-Basar/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Daporijo: 0.0 mm (Up to 2 nd Feb)	Partly cloudy with possibility of light/moderate rainfall. Daily
	maximum and minimum temperature for the following period is
	predicted to be 21-22°C and 13-14°C respectively. Expected
	morning and evening relative humidity will be 76-94% and 50-65%
	respectively. Expected wind direction is mainly SW & WSW with
	speed range of 4-6 kmph.
Warning	Rain in few isolated places

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- 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

Pea	ble dose with cops ent d sof
Toria/Mustard Vegetative/ Flowering Rats Provide proper drainage facilities for the toria grothe WRC field to protect them against heavy rainfall.	ble dose with cops ent d sof
Maize	ble dose with cops ent d sof
Maturity/ Harvesting	dose of with cops ent d d sof
Potato Vegetative stage Harvesting stage Harvesting stage Late blight Bark eating caterpillar, Trunk borer, Blue & Green mould Polud & Green mould Temperate fruits Vegetative stage Harvesting Vegetative stage Harvesting Late blight Bark eating caterpillar, Trunk borer appreate fruits After harvesting Vegetative stage Harvesting stage Late blight In present weather conditions harvesting of mature or may be done during sunny days, Regularly monitor against the disease symptoms. Promin symptoms include small, dark, circular to irregular shape lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres water is advised using stickers in case of rainfall Harvest mature crop. Constantly monitor against attack of insects pests/mo HORTICULTURAL CROPS Orange (only if harvesting is over): Go for drenching Dichlorovos 76 EC@0.05% against trunk-borer on days. On clear weather or using sticker, against Blue & Gramould, spray Imazalii 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden fra present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the lar tunnel with the help of disposable syringe and push cotto swab soaked in Dichlorovos solution in the larval tunnel. Training & pruning of the temperate crops (apple/pears/is recommended) Remove dry/diseased/old tillers & branches & Bio NPK@ 2ml/lit water for proper growth	ent d s of le. with
Harvesting stage Harvesting stage Harvesting stage Cabbage/ Cauliflower Harvesting Maturity/ harvesting Orange (only if harvesting is over): Go for drenching Dichlorovos 76 EC@0.05% against trunk-borer on didays. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away th diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden fra present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the lar tunnel with the help of disposable syringe and push cotto swab soaked in Dichlorovos solution in the larval tunnel. Training & pruning of the temperate crops (apple/pears/1 is recommended Remove dry/diseased/old tillers & branches & Bio NPK@ 2ml/lit water for proper growth	ent d s of le. with
Citrus Maturity/ harvesting Cauliflower Maturity/ harvesting Caterpillar, Trunk borer, Blue & Green mould Mould On age (only if harvesting is over): Go for drenching Dichlorovos 76 EC@0.05% against trunk-borer on dreadys. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden fra present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the lar tunnel with the help of disposable syringe and push cotto swab soaked in Dichlorovos solution in the larval tunnel. Temperate fruits After harvesting Chirkey Disease Remove dry/diseased/old tillers & branches & s Bio NPK@ 2ml/lit water for proper growth	with y een
Citrus	with y een
Citrus Maturity/ harvesting Bark eating caterpillar, Trunk borer, Blue & Green mould	een
harvesting harvesting caterpillar, Trunk borer, Blue & Green mould On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away th diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden fra present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the lar tunnel with the help of disposable syringe and push cotto swab soaked in Dichlorovos solution in the larval tunnel. Temperate fruits After harvesting Chirkey Disease Pruiting Chirkey Disease Chirkey Disease Chirkey Disease Dichlorovos 76 EC @ 0.05% against trunk-borer on dr days. Trunk borer, Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away th diseased portion of the plant. Training caterpillar, remove the wooden fra present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the lar tunnel with the help of disposable syringe and push cotto swab soaked in Dichlorovos solution in the larval tunnel. Training & pruning of the temperate crops (apple/pears/p is recommended Remove dry/diseased/old tillers & branches & s Bio NPK@ 2ml/lit water for proper growth	een
Large Cardamom Fruiting Chirkey Disease • Remove dry/diseased/old tillers & branches & s Bio NPK@ 2ml/lit water for proper growth	ss val n
Bio NPK@ 2ml/lit water for proper growth	each)
stickers in case of rainfall.	_
Banana Bunching Cold • Cover newly emerged bunches with locally available sac protect from cold/frost	k to
Orchards • Prepare half moon terraces in fruit (orange/banana/apple/peach) grown in steep slopes to p nutrient loss during heavy downpour. • Follow proper drainage and earthing up practices in land/plain areas to avoid water stagnation in fruit orchard	ı low
Honey Bees Provide sugar sump near the box	
Honey bees Provide sugar syrup near the box Add insulation and ventilation systems	
LIVESTOCKS	
Livestock Stage Disease Precautionary Practices to be followed	
General Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned.	 ed.
Poultry All stages Provide shelter to the backyard/scavenging poultry. grains in the morning/evening to supplement scaveng Day old chick-Maintain warmth by lighting, In present weather conditions protect the birds from cousing gunny bags/plastic sheets around the poultry shed on night, Provide heat by lighting 100W bulb @ 1 bulb per 20 born chicks.	Feeding.
Pigs All stages FMD (high fever • Avoid dampness and cover weak and sick animals with	

		and appearance of mucous membrane of the mouth and foot.) Swine Fever	• It possible wooden sleeping box should be provided.	
Cattle	All stages	FMD	 Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements 	
Mithun Contact Scien	tists (ICAR) or	FMD State Agril Staff	 Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by 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			

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

Agrometeorological Field Unit ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 7th to 9th February 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/2018/11

Dated: Tue, 6th February, 2018



Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Rainfall = Bomdila: 0.0; Bhalukpong: 0.0	Partly cloudy with possibility of no rain. Daily maximum and
mm (Up to 2 nd Feb)	minimum temperature for the following period is predicted to be 18-
	19°C and 08-09°C respectively. Expected morning and evening
	relative humidity will be 81-94% and 28-50% respectively. Wind
	direction is mainly WNW 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
Maize	Vegetative/ Maturity/ Harvesting	Rats	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
			VEGETABLES
Potato	Vegetative stage/	Late blight	• In present weather conditions harvesting of mature crops
Totalo	Harvesting stage	Late bight	 may be done, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using sticker
Cabbage/	Harvesting		Harvest mature crop.
Cauliflower			 Constantly monitor against attack of insects pests/mole.
		HORT	ICULTURAL CROPS
Temperate fruits	After harvesting		 Training & pruning of the temperate crops (apple/pears/peach) is recommended In case of flowering, stop spraying insecticides/pesticides
Banana	Bunching	Cold	 Cover newly emerged bunches with locally available sack to protect from cold/frost
Citrus	Maturity/ harvesting	Fruit Drop Fruit Fly Gummosis	 Harvest the mature fruit with stalk and store in dry places. Collect & dispose rotten fallen fruits/ install fruit-fly traps Dead wood pruning may be done after harvesting of crop followed by spraying of fungicide, Carbendazim @ 1gm/lit of water only during clear day.
			 Breakdown the soil collected around the tree trunk
			Honey Bees
Honey bees			Provide sugar syrup near the boxAdd insulation and ventilation systems
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
0 0			General e diverted for Poultry/livestock feeding the clock and water troughs/feeders should be regularly cleaned,
Fishery	mg water should t	oc chsured round	Keep fish stoking density thin @1200/ha
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. 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.
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. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. 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.
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 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			

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

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Agrometeorological Field Unit ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 7th to 9th February 2018)





GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

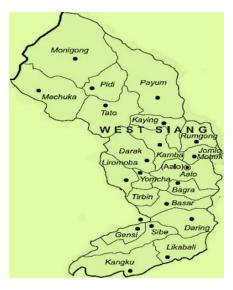


AMFU, ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

District: West Siang

No: AMFU-Basar/2018/11

Dated: Tue, 6th February, 2018



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

Weather summery of the previous week	Weather forecast valid up to 11 th February 2018
Basar: Rainfall = 9.0 mm. T. Max: 17.7°C,	Partly cloudy with possibility of moderate rainfall. Daily
T. Min: 10.3°C, RH: 71-96%, Wind Speed:	maximum and minimum temperature for the following period is
2-4 kmph, Wind Direction: WS & NW (Up	predicted to be 21-24°C and 14-15°C respectively. Expected
to 2 nd Feb)	morning and evening relative humidity will be 70-89% and 43-67%
	respectively. Wind direction is mainly W & WNW 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
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Pea	Vegetative	Powdery mildew/ leaf eating insects	 Avoid/suspend all spray operations and application of fertilizers.
Toria/ Mustard	Vegetative/ Flowering	-	 Provide proper drainage facilities for the toria grown in the WRC field to protect them against heavy rainfall.
Maize	Vegetative/ Maturity/ Harvesting	Rats	 Prepare field for sowing of crop, Protect the crop against attack of rats using locally available traps, When rat menace has occurred application of multi dose rodenticide like bromadiolone with proper consultation with experts is advised.
_			VEGETABLES
Potato	Vegetative stage/ Harvesting stage	Late blight	 In present weather conditions harvesting of mature crops may be done during sunny days, Regularly monitor against the disease symptoms. Prominent symptoms include small, dark, circular to irregular shaped lesion in the leaves Prophylactic spraying of Mancozeb @ 2 gram per 4 litres of water is advised using stickers in case of rainfall
Cabbage/ Cauliflower	Harvesting		Harvest mature crop.
Ginger/ Turmeric	Maturity		Constantly monitor against attack of insects pests/mole. Harvest the mature grap.
Ginger/ Turniche	Waturity		 Harvest the mature crop, Cure should be taken while harvest so that the rhizome is not damaged,
Citrus	Maturity/	Bark eating	 ICULTURAL CROPS Orange (only if harvesting is over): Go for drenching with
	harvesting	caterpillar, Trunk borer, Blue & Green mould	 Dichlorovos 76 EC@0.05% against trunk-borer on dry days. On clear weather or using sticker, against Blue & Green mould, spray Imazalil 34 WP @ 1g/lit. Prune away the diseased portion of the plant. In case of Bark eating caterpillar, remove the wooden frass present in between the joints of the trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent @ 5ml in the larval tunnel with the help of disposable syringe and push cotton swab soaked in Dichlorovos solution in the larval tunnel.
Pineapple	Harvesting		 After winter harvest, collection/Selection of suckers & slip to be done for next season planting
Temperate fruits	After harvesting		Training & pruning of the temperate crops (apple/pears/peach) is recommended
Banana	Bunching	Cold	 In case of flowering, stop spraying insecticides/pesticides Cover newly emerged bunches with locally available sack to protect from cold/frost Mulching with straw/crop residue at root zone to avoid frost injury in banana.
Large Cardamom	Fruiting	Chirkey Disease	Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth using stickers in case of rainfall.
			Honey Bees
Honey bees			 Cover the boxes with locally available dry grass or straw to provide warmt
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
0 0			General e diverted for Poultry/livestock feeding
		be ensured round	the clock and water troughs/feeders should be regularly cleaned,
Poultry	All stages		 Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. 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.
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. The bedding is always dry and that there is plenty. If possible wooden sleeping box should be provided. Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
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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.

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