## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

ग्रामीण कृषि मौसम सेवा



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

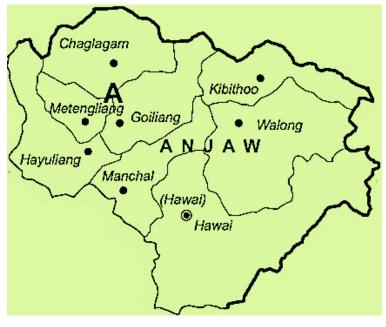


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Anjaw** 

No: 102/2015-16/Tue

**Dated: 20th Dec., 2016** 



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

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = NA	Generally clear/dry weather forecasted. Max Temp=14°C and
	Min Temp=0°C, RH=12-77%, Wind Speed=6-9 kmph, Wind direction: ESE
Warning:	NIL

### 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
- Warning: Spraying of DDT in crops is lethal

Wetland Rice Potato	Harvesting vegetative		<ul> <li>FIELD CROPS</li> <li>Proper sundry before storing</li> <li>Weeding and application of fertilizer as per recommended</li> </ul>
Potato	vegetative		Weeding and application of fertilizer as per recommended
			doses is suggested in potato.
			• Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the
Pea	Vegetative	Powdery	<ul><li>crops recommended.</li><li>Soil moisture conservation techniques like mulching with</li></ul>
rea	vegetative	mildew	crop residue and provide life saving irrigation to the
			crops recommended.
			Foliar spray of urea@2% for moisture stress
			Stacking may be carried out
Black Gram & Green Gram	Vegetative		Life saving irrigation and mulching recommended
Mustard/rapes	Vegetative	White Rust	Soil moisture conservation techniques like mulching with
eed		Alternaria	crop residue and provide life saving irrigation to the
		blight Aphids	crops recommended.
		ripinds	• Spray <u>Blitox@0.25%</u> at 10-15 days interval
			• Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in
			mustard.
			VEGETABLES
Winter	Seedling/	Cut worm/ leaf	Life saving irrigation and mulching
vegetables/ rabi crops	vegetative	eating insects	• Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif	Vegetative	Nutritional	Life saving irrigation and mulching recommended
lower		Deficiency	<ul> <li>Spray micronutrients like <u>Multiplex or Tracel @0.2%</u></li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit</li> </ul>
			water/ha against Aphids, DBM, Cabbage Worm,
		<b>ИО</b> РТ	Cabbage looper etc  ICULTURAL CROPS
Citrus	Fruiting	Trunk borer,	Collect and dispose rotten fruits
	8	Fruit fly / pre-	• Spray micronutrient like Multiplex@ 0.2% to
		harvest fruit	compensate nutritional deficiency in orange.
		drop/ leaf miner	• Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.
			On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of
			water.
			• Spray NAA@2ml/5lit of water to prevent pre-harvest
			fruit drop  • Install fruit fly traps
			<ul> <li>Need based foliar spray of Cypermethrin@4g/10ml</li> </ul>
-			against leaf miner.
Large Cardamom	Vegetative		<ul> <li>Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth</li> </ul>
Banana	Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>
Peach	Vegetative		• Training/Pruning to be followed by cutting away all diseased and criss-cross branches following open centre
			system to harvest more solar energy.
		A(	GROFORESTRY
			Honey Bees
			Box must be covered with straw/dry leaves to provide warmth

	LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>	
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>	
Fishery			Check the growth of the fishes by netting.	
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call				

at 03795-226237/226247

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

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

## ग्रामीण कृषि मौसम सेवा



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

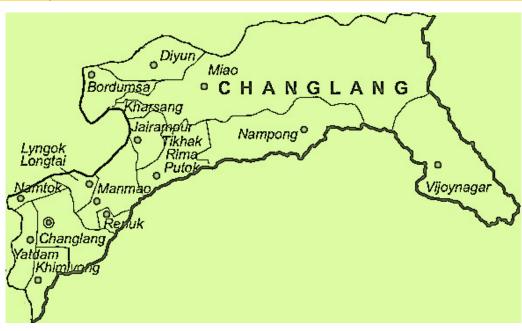


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Changlang** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



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

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = Changlang: 0.0 mm Miao: 0.0 mm	Generally clear/dry weather forecasted. Max Temp=23°C and Min Temp=10°C, RH=28-81%, Wind Speed= 4-6 kmph, Wind direction: ESE
Warning	NIL

### 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
XX .1 .1 D.	**	I	FIELD CROPS
Wetland Rice	Harvesting		Proper sundry before storing
Potato	vegetative		Weeding and application of fertilizer as per recommended doses is suggested in potato.
			Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the
Pea	Vagatativa	Dovidom	<ul><li>crops recommended.</li><li>Soil moisture conservation techniques like mulching with</li></ul>
rea	Vegetative	Powdery mildew	Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.
			<ul> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> </ul>
Black Gram & Green Gram	Vegetative		Life saving irrigation and mulching recommended
Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
XX7°	G 11: /		VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	<ul> <li>Life saving irrigation and mulching</li> <li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables</li> </ul>
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>
G!	<b>7</b>		ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>
Large Cardamom	Vegetative		<ul> <li>Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth</li> </ul>
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost
		A	GROFORESTRY
Bamboo			Loosening of soil and application of fertilizers
Toko Palm and other MPTs	Vegetative		Weeding and application of fertilizers  Hency Poss
			Honey Bees  • Good season for transing/actabing of least honey bea
			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> <li>Harvesting could be done or highly populated colonies</li> </ul>

			should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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(Period: 20th to 23rd December, 2016)

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### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Dibang Valley** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



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

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = 0.0 mm (Anini)	<b>Generally clear/dry weather forecasted.</b> Max Temp=14°C and Min Temp=0°C, RH=15-65%, Wind Speed=7-8 kmph, Wind direction: E
Warning:	NIL

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

Wetland Rice				y VANARAJA for backyard rearing
Potato   Vegetative   Proper sundry before storing	Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Potato vegetative   • Weeding and application of lertilizer as per recommended doses is suggested in potato. • Soil moisture conservation techniques like mulching with crops recommended. • Soil moisture conservation techniques like mulching with crops recommended. • Foliar spray of urea@22% for moisture stress • Stacking may be carried out  Black Gram & Green Gram   Wegetative   White Rust Alternaria blight Aphids   Aphids    Mustard/rapes eed   White Rust Alternaria blight Aphids   Soil moisture conservation techniques like mulching with crops recommended. • Foliar spray of urea@22% for moisture stress • Stacking may be carried out  Life saving irrigation and mulching recommended   Spray Blitox@0.25% at 10-15 days interval   • Spray Madrachtin 0.15% EC 2@ 6ml/lit against lear eating insects in vegetables   • Spray micronutrients like Multiplex @0.25%   • Avadirachtin 0.03% (neem oil based WSP) @5 Sliv1000lit   water/ha against Aphids, DBM, Cabbage Worm   • Spray micronutrients like Multiplex @0.25%   • Avadirachtin 0.03% (neem oil based WSP) @ Sliv1000lit   water/ha against Aphids, DBM, Cabbage Worm   • Spray micronutrients like Multiplex @0.25%   •	Watland Diag	II. any a atim a	I	
doses is suggested in potato.  Pea Vegetative Powdery mildew  Pea Vegetative Powdery mildew  Black Gram & Green Gram  Wustard/rapes ed  Winter Vegetative Powdery ed  Winter Vegetative vegetative conservation techniques like mulching with crops recommended.  Winter Vegetative vegetative vegetative rorp residue and provide life saving irrigation to the crops recommended.  Soil moisture conservation techniques like mulching with crops recommended.  Foliar spray of urea@2% for moisture stress  Stacking may be carried out  Life saving irrigation and mulching recommended.  Soil moisture conservation techniques like mulching with crops recommended.  Life saving irrigation and mulching recommended.  Spray lintox@0.25% at 10-15 days interval  Life saving irrigation and mulching with crops recommended.  Vegetative crops recommended.  Spray lintox@0.25% at 10-15 days interval  Spray lintox@0.25% at 10-15 days interval  Spray lintox@0.25% at 10-15 days interval  Life saving irrigation and mulching recommended or provide life saving irrigation to the crops recommended.  Spray lintox@0.25% at 10-15 days interval  Life saving irrigation and mulching recommended or provide life saving irrigation to the crops recommended.  Life saving irrigation and mulching recommended or provide life saving irrigation to the crops recommended.  Life saving irrigation and mulching recommended or provide life saving irrigation to the crops recommended.  Life saving irrigation and mulching recommended or provide life saving irrigation and mulching recommended.  Life saving irrigation and mulching recommended or provide life saving irrigation and mulching recommended.  Life saving irrigation and mulching recommended or provide life saving irrigation and mulching recommended.  Life saving irrigation and mulching recommended or provide l				
mildew crop residue and provide life saving irrigation to the crops recommended.  Poliar spray of urea@2% for moisture stress Stacking may be carried out Life saving irrigation and mulching recommended  Mustard/rapes ed  Mustard/rapes Vegetative ed  Mustard/rapes Vegetative Alternaria blight Aphids  Spray Indofilm_45@2.5g/a ta 10-15 days interval Spray Indofilm_45@2.5g/a ta preventive measure agains alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.  Winter Seedling/ vegetables/ rabi vegetative crops  Cabbage/Caulif lower  Wegetative lower  Wegetative Policiency  Turnk borer, Fruit fly / pre-harvest fruit drop/ leaf miner  HORTICULTURAL CROPS  Citrus Fruiting Trunk borer, Fruit fly / pre-harvest fruit drop/ leaf miner  HORTICULTURAL CROPS  Citrus Fruiting Trunk borer, Fruit fly / pre-harvest fruit drop / leaf miner  HORTICULTURAL CROPS  Citrus Vegetative Citrus Pruiting Trunk borer, Parvest fruit drop / leaf miner  HORTICULTURAL CROPS  Citrus Vegetative Citrus Pruiting Trunk borer, Parvest fruit drop / leaf miner  HORTICULTURAL CROPS  Citrus Pruiting Trunk borer, Parvest fruit drop / leaf miner  HORTICULTURAL CROPS  Citrus Pruiting Trunk borer, Parvest fruit drop / leaf miner  Spray NAA@2ml/Slit of water to prevent pre-harves fruit drop  Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10m against leaf miner.  Large Vegetative Cardamom  Bunching Cold	Potato	vegetative		Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the
Winter   Seedling   Vegetative   Cut worm leaf   eating insects   Singular   Spray Mad@amiletin 0.15% EC 2@ 6ml/lit against lea eating insects in vegetables   Alternaria bleft and inner   Seedling   Vegetative   Citrus   Fruiting   Fruiting   Fruiting   Fruiting   Fruiting   Fruiting   Fruiting   Fruiting   Singular   Spray Mad@aml/slit of trunk-borer,   Spray Mad@aml/slit of trunk-borer,   Spray Mad@aml/slit of trunk-borer,   Spray Mad@aml/slit of water to prevent pre-harvest fruit drop   Install fruit fly traps   Need based foliar spray of Cypermethrin@4g/10m against leaf miner   Spray Mad@aml/slit of water for proper growth   Spray Male and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth   Spray will coally available   Spray mercondition to the crops recommended   Spray Mad@aml/slit of trunk-borer,   Collect and dispose rotten fruits   Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.   Do drenching with 0.05% Dichlorvos at base of plant for rectification of trunk-borer.   Spray NAA@2ml/slit of water to prevent pre-harves fruit drop   Install fruit fly traps   Need based foliar spray of Cypermethrin@4g/10m against leaf miner.   Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth   Cover newly emerged bunches with locally available   Cover newly emerged bunches with local		<u> </u>	•	<ul> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> </ul>
Alternaria blight Aphids	& Green	Vegetative		Life saving irrigation and mulching recommended
Winter vegetables   rabi vegetative   vege	-	Vegetative	Alternaria blight	crop residue and provide life saving irrigation to the crops recommended.  • Spray Blitox@0.25% at 10-15 days interval  • Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in
vegetables/ rabi   vegetative   eating insects   Spray Azadirachtin 0.15% EC 2@ 6ml/lit against lea eating insects in vegetables				VEGETABLES
Deficiency  Deficiency  Spray micronutrients like Multiplex or Tracel @0.2%  Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000li water/ha against Aphids, DBM, Cabbage Worm Cabbage looper etc  HORTICULTURAL CROPS  Citrus  Fruiting  Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner  Compensate nutritional deficiency in orange.  Do drenching with 0.05% Dichlorvos at base of plant for rectification of trunk-borer.  On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit or water.  Spray NAA@2ml/5lit of water to prevent pre-harves fruit drop  Install fruit fly traps  Need based foliar spray of Cypermethrin@4g/10m against leaf miner.  Large  Vegetative  Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth  Banana  Bunching  Cold  Spray micronutrients like Multiplex or Tracel @0.2%  Collect and dispose rotten fruits  Spray micronutrients like Multiplex or Tracel @0.2%  Collect and dispose rotten fruits  Spray micronutrients like Multiplex or Tracel @0.2%  Spray micronutrients like Multiplex or Trucker  Spray micronutrients like Multiplex or Trucker  Spray micronutrients like Multiplex or O.2%  Spray micronutrients like Multiplex or O.2%  Spray micronutrients like Multiplex or O.2%  Spray	vegetables/ rabi crops	vegetative	eating insects	• Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf
Citrus  Fruiting  Fruit fly / pre-harvest fruit drop/ leaf miner  On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit owater.  Spray NAA@2ml/5lit of water to prevent pre-harves fruit drop  Install fruit fly traps  Need based foliar spray of Cypermethrin@4g/10m against leaf miner.  Large  Cardamom  Banana  Bunching  Cold  Cold  Cold  Cold  Collect and dispose rotten fruits  Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.  On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit owater.  Spray NAA@2ml/5lit of water to prevent pre-harves fruit drop  Install fruit fly traps  Need based foliar spray of Cypermethrin@4g/10m against leaf miner.  Cardamom  Cold  Cover newly emerged bunches with locally available of the compensate nutritional deficiency in orange.  Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.  Do drenching with 0.05% Dichlorvos at base of plant for rectification of trunk-borer.  Need based foliar spray of Cypermethrin@4g/10m against leaf miner.  Cardamom  Cardamom  Cold  Cover newly emerged bunches with locally available	_	Vegetative	Deficiency	<ul> <li>Spray micronutrients like <u>Multiplex or Tracel @0.2%</u></li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>
Fruit fly / pre-harvest fruit drop/ leaf miner  Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.  Do drenching with 0.05% Dichlorvos at base of plant for rectification of trunk-borer.  On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.  Spray NAA@2ml/5lit of water to prevent pre-harves fruit drop  Install fruit fly traps  Need based foliar spray of Cypermethrin@4g/10m against leaf miner.  Large Cardamom  Vegetative  Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth  Banana  Bunching  Cold  Cover newly emerged bunches with locally available	Citana	Empities a		
Large Vegetative • Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth  Banana Bunching Cold • Cover newly emerged bunches with locally available	Curus	rruiting	Fruit fly / pre- harvest fruit drop/ leaf	<ul> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> </ul>
Cardamom spray Bio NPK@2ml/lit water for proper growth Banana Bunching Cold • Cover newly emerged bunches with locally available	Large	Vegetative		against leaf miner.
	Cardamom		Cold	<ul><li>spray Bio NPK@2ml/lit water for proper growth</li><li>Cover newly emerged bunches with locally available</li></ul>

		A	AGROFORESTRY	
Bamboo	Growing		<ul><li>Avoid cutting</li><li>Edible shoots can be harvested</li></ul>	
Toko Palm and other MPTs	Growing		<ul><li>Avoid injury</li><li>Weeding, cleaning recommended</li></ul>	
			Honey Bees	
			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> <li>Harvesting could be done or highly populated colonies should be divided.</li> </ul>	
	T ~		LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>	
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>	
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>	
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.	
Contact Scien	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

Dated: 20th Dec., 2016

# कृषि मौसम सलाहकार सेवा पत्रिका

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

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: East Kameng**

No: 102/2015-16/Tue



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Max Temp=14°C and Min Temp=1°C, RH=35-83%, Wind Speed=4-6 kmph, Wind direction: NE
Warning:	NIL

### 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
Wetland Rice	Harvesting		Proper sundry before storing
Potato	vegetative		<ul> <li>Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>
Pea	Vegetative	Powdery mildew	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> </ul>
Black Gram & Green Gram	Vegetative		Life saving irrigation and mulching recommended
Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	<ul> <li>Life saving irrigation and mulching</li> <li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables</li> </ul>
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>
		1	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>
Large Cardamom	Vegetative		• Remove dry, diseased and old tillers and branches and
Banana	Bunching	Cold	<ul> <li>spray Bio NPK@2ml/lit water for proper growth</li> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>
		A	GROFORESTRY
Bamboo Toko Palm and	Growing		<ul> <li>Avoid cutting</li> <li>Edible shoots can be harvested</li> <li>Avoid injury</li> </ul>
other MPTs			Weeding, cleaning recommended
		1	Honey Bees
			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> <li>Harvesting could be done or highly populated colonies</li> </ul>

			should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>
Cattle/Mithun	All stages	FMD	• Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

ग्रामीण कृषि मौसम सेवा

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### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



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

**District: East Siang** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



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

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall: 0.0 mm; T. Max: 29.0°C; T.Min:	Generally clear/dry weather forecasted. Max Temp=27°C and
15.0°C; RH: 55-66 %	Min Temp=14°C, RH=29-84%, Wind Speed=4-6 kmph, Wind direction: W
Warning:	Nil

### 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
		T	FIELD CROPS
Wetland Rice	Harvesting		<ul> <li>Proper sundry before storing</li> </ul>
Potato	vegetative		• Weeding and application of fertilizer as per recommended
			doses is suggested in potato.
			Soil moisture conservation techniques like mulching with
			crop residue and provide life saving irrigation to the
D	<b>T</b> 7	D 1	crops recommended.
Pea	Vegetative	Powdery mildew	• Soil moisture conservation techniques like mulching with
		mindew	crop residue and provide life saving irrigation to the crops recommended.
			<ul> <li>Foliar spray of urea@2% for moisture stress</li> </ul>
			<ul> <li>Stacking may be carried out</li> </ul>
Black Gram	Vegetative		Life saving irrigation and mulching recommended
& Green			
Gram			
Mustard/rapes	Vegetative	White Rust	Soil moisture conservation techniques like mulching with
eed		Alternaria	crop residue and provide life saving irrigation to the
		blight	crops recommended.
		Aphids	<ul> <li>Spray <u>Blitox@0.25%</u> at 10-15 days interval</li> </ul>
			• Spray Indofil <u>m-45@2.5g/l</u> as preventive measure against
			alternaria blight and dimethoate 30 EC@3ml/lit for aphid in
			mustard.  VEGETABLES
Winter	Seedling/	Cut worm/ leaf	Life saving irrigation and mulching
vegetables/ rabi	_	eating insects	• Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf
crops		_	eating insects in vegetables
Cabbage/Caulif	Vegetative	Nutritional	<ul> <li>Life saving irrigation and mulching recommended</li> </ul>
lower		Deficiency	• Spray micronutrients like Multiplex or Tracel @0.2%
			<ul> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm,</li> </ul>
			Cabbage looper etc
		HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer,	<ul> <li>Collect and dispose rotten fruits</li> </ul>
		Fruit fly / pre- harvest fruit	• Spray micronutrient like Multiplex@ 0.2% to
		drop/ leaf	<ul> <li>compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for</li> </ul>
		miner	rectification of trunk-borer.
			• On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of
			water.
			• Spray NAA@2ml/5lit of water to prevent pre-harvest
			fruit drop  Install fruit fly traps
			<ul> <li>Need based foliar spray of Cypermethrin@4g/10ml</li> </ul>
			against leaf miner.
Large	Vegetative		Remove dry, diseased and old tillers and branches and
Cardamom	D 1:	G 11	spray Bio NPK@2ml/lit water for proper growth
Banana	Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>
		A	GROFORESTRY
Bamboo	Growing		Avoid cutting
			Edible shoots can be harvested
Toko Palm and	Growing		Avoid injury
other MPTs			Weeding, cleaning recommended  Hency Book
			Honey Bees  Good season for transing/actabing of local boney bea
			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> </ul>
			<ul> <li>Harvesting could be done or highly populated colonies</li> </ul>
	•	•	

			should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

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: Kurung Kumey** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



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

Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = NA	Generally clear/dry weather forecasted. Max Temp=12°C and
	Min Temp=0°C, RH=24-90%, Wind Speed=3-7 kmph, Wind
	direction: WNW
Warning	NIL

### 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		
	T == .	T	FIELD CROPS		
Wetland Rice	Harvesting		Proper sundry before storing		
Potato	vegetative		<ul> <li>Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> </ul>		
			Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the		
			crops recommended.		
Pea	Vegetative	Powdery mildew	Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the		
			<ul><li>crops recommended.</li><li>Foliar spray of urea@2% for moisture stress</li></ul>		
Black Gram & Green Gram	Vegetative		<ul> <li>Stacking may be carried out</li> <li>Life saving irrigation and mulching recommended</li> </ul>		
Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>		
			VEGETABLES		
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	<ul> <li>Life saving irrigation and mulching</li> <li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables</li> </ul>		
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>		
		HORT	ICULTURAL CROPS		
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>		
Large Cardamom	Vegetative		• Remove dry, diseased and old tillers and branches and		
Banana	Bunching	Cold	<ul> <li>spray Bio NPK@2ml/lit water for proper growth</li> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>		
		A	GROFORESTRY		
Bamboo	Growing		<ul><li>Avoid cutting</li><li>Edible shoots can be harvested</li></ul>		
Toko Palm and other MPTs	Growing		<ul> <li>Avoid injury</li> <li>Weeding, cleaning recommended</li> </ul>		
	Honey Bees				
			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> <li>Harvesting could be done or highly populated colonies</li> </ul>		
	<u> </u>		behavior of the state of the st		

			should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

ग्रामीण कृषि मौसम सेवा

### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

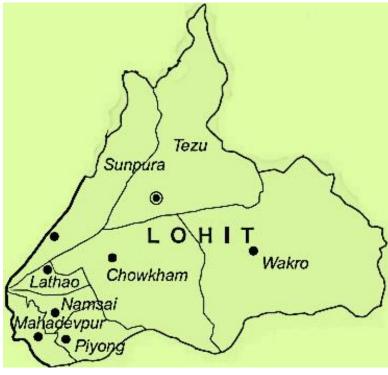


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Lohit** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = 0.0 mm (Tezu)	Generally clear/dry weather forecasted. Max Temp=16°C and Min
	Temp=6°C, RH=21-79%, Wind Speed=4-7 kmph, Wind direction: E
Warning:	NIL

### 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
		T	FIELD CROPS
Wetland Rice	Harvesting		Proper sundry before storing
Potato	vegetative		Weeding and application of fertilizer as per recommended
			doses is suggested in potato.
			Soil moisture conservation techniques like mulching with
			crop residue and provide life saving irrigation to the
D	<b>X</b> 7	D 1	crops recommended.
Pea	Vegetative	Powdery mildew	• Soil moisture conservation techniques like mulching with
		mindew	crop residue and provide life saving irrigation to the crops recommended.
			<ul> <li>Foliar spray of urea@2% for moisture stress</li> </ul>
			Stacking may be carried out
Black Gram	Vegetative		Life saving irrigation and mulching recommended
& Green	S		
Gram			
Mustard/rapes	Vegetative	White Rust	Soil moisture conservation techniques like mulching with
eed		Alternaria	crop residue and provide life saving irrigation to the
		blight	crops recommended.
		Aphids	• Spray <u>Blitox@0.25%</u> at 10-15 days interval
			• Spray Indofilm-45@2.5g/l as preventive measure against
			alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.
			VEGETABLES
Winter	Seedling/	Cut worm/ leaf	
vegetables/ rabi	vegetative	eating insects	• Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf
crops			eating insects in vegetables
Cabbage/Caulif	Vegetative	Nutritional	Life saving irrigation and mulching recommended
lower		Deficiency	<ul> <li>Spray micronutrients like <u>Multiplex or Tracel @0.2%</u></li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit</li> </ul>
			water/ha against Aphids, DBM, Cabbage Worm,
			Cabbage looper etc
	· - · ·		ICULTURAL CROPS
Citrus	Fruiting	Trunk borer,	• Collect and dispose rotten fruits
		Fruit fly / pre- harvest fruit	• Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.
		drop/ leaf	<ul> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for</li> </ul>
		miner	rectification of trunk-borer.
			• On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of
			water.
			<ul> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> </ul>
			Install fruit fly traps
			Need based foliar spray of Cypermethrin@4g/10ml
			against leaf miner.
Large Cardamom	Vegetative		• Remove dry, diseased and old tillers and branches and
Banana	Bunching	Cold	<ul><li>spray Bio NPK@2ml/lit water for proper growth</li><li>Cover newly emerged bunches with locally available</li></ul>
Zanana	Dancining		sack to protect from cold/frost
		A	GROFORESTRY
Bamboo	Growing		Avoid cutting
Tolco Dolar - 1	Crowin		Edible shoots can be harvested
Toko Palm and other MPTs	Growing		<ul><li>Avoid injury</li><li>Weeding, cleaning recommended</li></ul>
54101 1711 13			Honey Bees
			Good season for trapping/catching of local honey bee
			colonies as this is the peak swarming season.
			Harvesting could be done or highly populated colonies

			should be divided.		
	LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>		
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>		
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>		
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.		
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call					

at 03795-226237/226247

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

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: Lower Dibang Valley** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = 0.0 mm (Roing)	Generally clear/dry weather forecasted. Max Temp=17°C and Min
	Temp=2°C, RH=17-61%, Wind Speed=6 kmph, Wind direction: E
Warning:	NIL

### 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 E	Basar recommer	nd poultry variet	y VANARAJA for backyard rearing	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
Wetland Rice	Harvesting		<ul><li>FIELD CROPS</li><li>Proper sundry before storing</li></ul>	
Potato	vegetative		<ul> <li>Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>	
Pea  Black Gram & Green	Vegetative  Vegetative	Powdery mildew	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> <li>Life saving irrigation and mulching recommended</li> </ul>	
Gram  Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>	
****	G 11: /		VEGETABLES	
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	<ul> <li>Life saving irrigation and mulching</li> <li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables</li> </ul>	
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>	
		HORT	TICULTURAL CROPS	
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>	
Large Cardamom	Vegetative		Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth	
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost	
Ramboo	AGROFORESTRY  Described Crowing			
Bamboo	Growing		<ul><li>Avoid cutting</li><li>Edible shoots can be harvested</li></ul>	
Toko Palm and other MPTs	Growing		<ul><li>Avoid injury</li><li>Weeding, cleaning recommended</li></ul>	
Honey Bees				
			Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.	

			<ul> <li>Harvesting could be done or highly populated colonies should be divided.</li> </ul>	
	LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>	
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>	
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>	
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.	

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: 20th to 23rd December, 2016)

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: Lower Subansiri** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016			
Rainfall = 0.0 mm (Ziro)	Generally clear/dry weather forecasted. Max Temp=14°C and			
	Min Temp=0°C, RH=33-90%, Wind Speed=2-7 kmph, Wind direction: WSW			
Warning:	NIL			

### 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
W (1 1 D)	TT A		FIELD CROPS
Wetland Rice	Harvesting		Proper sundry before storing
Potato	vegetative		<ul> <li>Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> </ul>
			Soil moisture conservation techniques like mulching with
			crop residue and provide life saving irrigation to the
			crops recommended.
Pea	Vegetative	Powdery	Soil moisture conservation techniques like mulching with
		mildew	crop residue and provide life saving irrigation to the
			crops recommended.
			<ul><li>Foliar spray of urea@2% for moisture stress</li><li>Stacking may be carried out</li></ul>
Black Gram	Vegetative		Life saving irrigation and mulching recommended
& Green Gram	vegetative		Ene saving irrigation and indiching recommended
Mustard/rapes	Vegetative	White Rust	Soil moisture conservation techniques like mulching with
eed		Alternaria	crop residue and provide life saving irrigation to the
		blight Aphids	crops recommended.
		ripinas	• Spray Blitox@0.25% at 10-15 days interval
			• Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in
			mustard.
			VEGETABLES
Winter	Seedling/	Cut worm/ leaf	Life saving irrigation and mulching
vegetables/ rabi	vegetative	eating insects	• Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf
crops Cabbage/Caulif	Vagatativa	Nutritional	eating insects in vegetables
lower	Vegetative	Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like <u>Multiplex or Tracel @0.2%</u></li> </ul>
			<ul> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit</li> </ul>
			water/ha against Aphids, DBM, Cabbage Worm,
			Cabbage looper etc
Citrus	Fruiting	Trunk borer,	<ul><li>ICULTURAL CROPS</li><li>Collect and dispose rotten fruits</li></ul>
Citius	Truiting	Fruit fly / pre-	• Spray micronutrient like Multiplex@ 0.2% to
		harvest fruit	compensate nutritional deficiency in orange.
		drop/ leaf	• Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for
		miner	rectification of trunk-borer.
			<ul> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> </ul>
			<ul> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest</li> </ul>
			fruit drop
			Install fruit fly traps
			Need based foliar spray of Cypermethrin@4g/10ml
Large	Vegetative		against leaf miner.
Large Cardamom	v egetative		<ul> <li>Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth</li> </ul>
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost
		A	GROFORESTRY
Bamboo	Growing		Avoid cutting
			Edible shoots can be harvested
Toko Palm and other MPTs	Growing		Avoid injury
outer IVIP IS			Weeding, cleaning recommended  Honey Bees
			Good season for trapping/catching of local honey bee
			colonies as this is the peak swarming season.
			Harvesting could be done or highly populated colonies

		should be divided.		
			LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>	
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>	
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>	
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.	
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: 20th to 23rd December, 2016)

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: Papum Pare** 

No: 102/2015-16/Tue

**Dated: 20th Dec., 2016** 



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016			
Rainfall: 0.0 mm; T.Max: 30.0°C; T.Min: 10°C; RH: 55-85 %	Generally clear/dry weather forecasted. Max Temp=26°C and Min Temp=13°C, RH=32-91%, Wind Speed=4 kmph, Wind direction: E			
Warning:	NIL			

### 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 B	asar recommen	nd poultry variet	y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Wetland Rice	Harvesting		<ul><li>FIELD CROPS</li><li>Proper sundry before storing</li></ul>
Potato	vegetative		<ul> <li>Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the</li> </ul>
Pea  Black Gram & Green	Vegetative  Vegetative	Powdery mildew	<ul> <li>crops recommended.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> <li>Life saving irrigation and mulching recommended</li> </ul>
Gram  Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>
		HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>
Large Cardamom	Vegetative		Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost  CROSCOPICETRY  CROSCOPICTRY  CROSCOPICETRY  CROSCOPICTRY  CROSCOPICT
Bamboo	Growing	A	GROFORESTRY  A void outting
Toko Palm and	Growing		<ul> <li>Avoid cutting</li> <li>Edible shoots can be harvested</li> <li>Avoid injury</li> </ul>
other MPTs			Weeding, cleaning recommended  Honey Bees
			Good season for trapping/catching of local honey bee
			colonies as this is the peak swarming season.

			<ul> <li>Harvesting could be done or highly populated colonies should be divided.</li> </ul>	
			LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>	
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>	
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>	
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.	
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: - <a href="mailto:IAAS.BASAR@gmail.com">IAAS.BASAR@gmail.com</a>, Phone Number: - 03795-226247/37, -96 (Fax)

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

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: Tawang** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016				
Rainfall = 0.0 mm	Generally clear/dry weather forecasted. Max Temp=12°C and				
	Min Temp=2°C, RH=32-82%, Wind Speed=4-8 kmph, Wind direction: SW				
Warning:	Nil				

### Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease		<b>Precautionary Practices to be followed</b>	
	FIELD CROPS				
Wetland Rice	Harvesting		•	Proper sundry before storing	
Potato	vegetative		•	Weeding and application of fertilizer as per recommended	
				doses is suggested in potato.	

			Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the
Pea	Vegetative	Powdery mildew	<ul> <li>crops recommended.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Foliar spray of urea@2% for moisture stress</li> </ul>
Black Gram & Green Gram	Vegetative		<ul> <li>Stacking may be carried out</li> <li>Life saving irrigation and mulching recommended</li> </ul>
Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	<ul> <li>Life saving irrigation and mulching</li> <li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables</li> </ul>
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>
		HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>
Large Cardamom	Vegetative		<ul> <li>Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth</li> </ul>
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost
Peach	Vegetative		<ul> <li>Training/Pruning to be followed by cutting away all diseased and criss-cross branches following open centre system to harvest more solar energy.</li> </ul>
		A	GROFORESTRY
Bamboo	Growing		<ul><li>Avoid cutting</li><li>Edible shoots can be harvested</li></ul>
Toko Palm and other MPTs	Growing		<ul><li>Avoid injury</li><li>Weeding, cleaning recommended</li></ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>
Poultry	All stages		Provide proper bedding materials (Straw, rice husk etc)

			<ul> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call			

at 03795-226237/226247

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

ग्रामीण कृषि मौसम सेवा



Dated: 20th Dec., 2016

### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



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

**District: Tirap** 

No: 102/2015-16/Tue



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016				
Rainfall = 0.0 mm (Deomali)	Generally clear/dry weather forecasted. Max Temp=25°C and				
	Min Temp=10°C, RH=43-100%, Wind Speed=2 kmph, Wind				
	direction: SE				
Warning:	NIL				

### 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

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Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
	FIELD CROPS				
Wetland Rice	Harvesting		•	Proper sundry before storing	
Potato	vegetative		•	Weeding and application of fertilizer as per recommended doses is suggested in potato.	
			•	Soil moisture conservation techniques like mulching with	

			crop residue and provide life saving irrigation to the crops recommended.
Pea  Black Gram & Green Gram	Vegetative  Vegetative	Powdery mildew	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> <li>Life saving irrigation and mulching recommended</li> </ul>
Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
			VEGETABLES
Winter vegetables/ rabi crops Cabbage/Caulif	Seedling/ vegetative Vegetative	Cut worm/ leaf eating insects  Nutritional	<ul> <li>Life saving irrigation and mulching</li> <li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables</li> <li>Life saving irrigation and mulching recommended</li> </ul>
lower		Deficiency	<ul> <li>Spray micronutrients like <u>Multiplex or Tracel @0.2%</u></li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>
		HORT	ICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>
Large Cardamom	Vegetative		<ul> <li>Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth</li> </ul>
Banana	Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>
Pineapple	Fruiting/harves ting		<ul> <li>Harvest the fruit with an inch of stalk to avoid spoilage from microorganism and to incease the shelf life of the fruit.</li> <li>The fruit must be harvested with crown (whorl of leaves attached to the apical end of the fruit) to prolong the freshness of fruit and avoid microbial attack.</li> <li>Pineapple is retained for about three crops. The subsequent rotation crops are borne by the suckers given out by the original plant. Only two of these suckers should be retained and all others removed. Slips should also be removed. Plants should be fertilised and earthed up so they can have good anchorage for a ratoon crop.</li> </ul>
		A	GROFORESTRY
Bamboo	Growing		<ul><li>Avoid cutting</li><li>Edible shoots can be harvested</li></ul>

Toko Palm and	Growing		Avoid injury	
other MPTs			Weeding, cleaning recommended	
			Honey Bees	
			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> <li>Harvesting could be done or highly populated colonies should be divided.</li> </ul>	
			LIVESTOCKS	
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>	
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>	
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>	
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.	
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### **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

ग्रामीण कृषि मौसम सेवा



Dated: 20th Dec., 2016

### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



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

**District: Upper Siang** 

No: 102/2015-16/Tue



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = 0.0 mm (Tuting)	Generally clear/dry weather forecasted. Max Temp=13°C and
	Min Temp=0°C, RH=24-75%, Wind Speed=6-7 kmph, Wind
	direction: SSE
Warning:	NIL

#### 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 E	Basar recommer	nd poultry variet	y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Wetland Rice	Harvesting		<ul><li>FIELD CROPS</li><li>Proper sundry before storing</li></ul>
Potato	vegetative		<ul> <li>Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>
Pea  Black Gram & Green	Vegetative  Vegetative	Powdery mildew	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> <li>Life saving irrigation and mulching recommended</li> </ul>
Gram  Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
			VEGETABLES
Winter vegetables/ rabi crops	Seedling/ vegetative	Cut worm/ leaf eating insects	<ul> <li>Life saving irrigation and mulching</li> <li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables</li> </ul>
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>
		HORT	TICULTURAL CROPS
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>
Large Cardamom	Vegetative		Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth
Banana	Bunching	Cold	Cover newly emerged bunches with locally available sack to protect from cold/frost
AGROFORESTRY  Pamboo Growing			
Bamboo	Growing		<ul><li>Avoid cutting</li><li>Edible shoots can be harvested</li></ul>
Toko Palm and other MPTs	Growing		<ul> <li>Avoid injury</li> <li>Weeding, cleaning recommended</li> </ul>
Honey Bees			
			Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.

			Harvesting could be done or highly populated colonies should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Deworming and vaccination as per recommended schedule.</li> <li>Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.</li> </ul>
Poultry	All stages		<ul> <li>Provide proper bedding materials (Straw, rice husk etc)</li> <li>Deworming at regular interval</li> <li>Provide warmth@ 2 watt/chick</li> <li>Close ventilation and openings in houses</li> </ul>
Fishery			<ul> <li>Application of quick lime is highly recommended in order to rectify water pH.</li> <li>Application of fish feed (mustard oil cake) is essential for achieving higher yield</li> </ul>
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scient	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247		

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

Agrometeorological Field Unit ICAR, BASAR

## **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)





### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

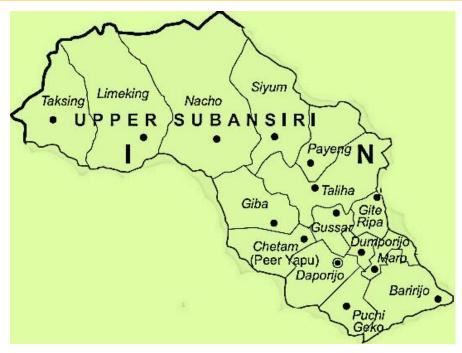


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Upper Subansiri** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016	
Rainfall = 0.0 mm (Puchi Geko); Daporijo:	Generally clear/dry weather forecasted. Max Temp=13°C and	
0.0 mm	Min Temp=0°C, RH=31-91, Wind Speed=4-7 kmph, Wind	
	direction: W	
Warning	NIL	

### Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	<b>Precautionary Practices to be followed</b>
			FIELD CROPS
Wetland Rice	Harvesting		Proper sundry before storing
Potato	vegetative		<ul> <li>Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>
Pea  Black Gram & Green	Vegetative  Vegetative	Powdery mildew	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> <li>Life saving irrigation and mulching recommended</li> </ul>
Gram			
Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
XX7' 4	G 11: /	1	VEGETABLES
Winter vegetables/ rabi crops		Cut worm/ leaf eating insects	• Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables
Cabbage/Caulif lower	Vegetative	Nutritional Deficiency	<ul> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> </ul>
			ICULTURAL CROPS
Large	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>
Large Cardamom	Vegetative		<ul> <li>Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth</li> </ul>
Banana	Bunching	Cold	<ul> <li>Cover newly emerged bunches with locally available sack to protect from cold/frost</li> </ul>
		A	GROFORESTRY
Bamboo	Growing		<ul><li>Avoid cutting</li><li>Edible shoots can be harvested</li></ul>
Toko Palm and other MPTs	Growing		<ul><li>Avoid injury</li><li>Weeding, cleaning recommended</li></ul>
			Honey Bees
			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> </ul>

			Harvesting could be done or highly populated colonies should be divided.
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Deworming and vaccination as per recommended schedule.
			• Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.
Poultry	All stages		Provide proper bedding materials (Straw, rice husk etc)
			Deworming at regular interval
			Provide warmth@ 2 watt/chick
			Close ventilation and openings in houses
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
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call			

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at 03795-226237/226247

Agrometeorological Field Unit ICAR, BASAR

### **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

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: West Kameng** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



Weather summery of the previous week	Weather forecast valid up to 23 <sup>rd</sup> Dec., 2016
Rainfall = Bomdila: 0.0 mm NA; Bhalukpong: 0.0 mm	<b>Generally clear/dry weather forecasted.</b> Max Temp=14°C and Min Temp=3°C, RH=36-82%, Wind Speed=4-6 kmph, Wind direction: SSE
Warning:	NIL

#### 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 **Precautionary Practices to be followed** Stage Pest/Disease Crop FIELD CROPS Wetland Rice Harvesting Proper sundry before storing Potato vegetative Weeding and application of fertilizer as per recommended doses is suggested in potato. Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended. Pea Vegetative Powdery Soil moisture conservation techniques like mulching with mildew crop residue and provide life saving irrigation to the crops recommended. Foliar spray of urea@2% for moisture stress Stacking may be carried out Black Gram Vegetative Life saving irrigation and mulching recommended & Green Gram Mustard/rapes White Rust Soil moisture conservation techniques like mulching with Vegetative eed Alternaria crop residue and provide life saving irrigation to the blight crops recommended. **Aphids** Spray Blitox@0.25% at 10-15 days interval Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard. **VEGETABLES** Winter Seedling/ Cut worm/ leaf Life saving irrigation and mulching vegetables/ rabi vegetative eating insects Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf crops eating insects in vegetables Cabbage/Caulif Nutritional Vegetative Life saving irrigation and mulching recommended lower Deficiency Spray micronutrients like Multiplex or Tracel @0.2% Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc HORTICULTURAL CROPS Citrus Fruiting Trunk borer, Collect and dispose rotten fruits Fruit fly / premicronutrient like Multiplex@ 0.2% Spray to harvest fruit compensate nutritional deficiency in orange. drop/ leaf Do drenching with 0.05% Dichlorvos at base of plant for miner rectification of trunk-borer. On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop Install fruit fly traps Need based foliar spray of Cypermethrin@4g/10ml against leaf miner. Large Vegetative Remove dry, diseased and old tillers and branches and Cardamom spray Bio NPK@2ml/lit water for proper growth Bunching Banana Cold Cover newly emerged bunches with locally available sack to protect from cold/frost **AGROFORESTRY** Bamboo Growing Avoid cutting

**Honey Bees** 

Avoid injury

Toko Palm and

other MPTs

Growing

Edible shoots can be harvested

Weeding, cleaning recommended

			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> <li>Harvesting could be done or highly populated colonies should be divided.</li> </ul>
<b>*</b> • • •	G.	<b>D</b> :	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		• Deworming and vaccination as per recommended schedule.
			• Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.
Poultry	All stages		• Provide proper bedding materials (Straw, rice husk etc)
			Deworming at regular interval
			• Provide warmth@ 2 watt/chick
			<ul> <li>Close ventilation and openings in houses</li> </ul>
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
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or
			pyrantel.
Contact Scient	Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call		
at 03795-226237/226247			

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Agrometeorological Field Unit ICAR, BASAR

### **Agro-met Advisory Bulletin**

(Period: 20th to 23rd December, 2016)

ग्रामीण कृषि मौसम सेवा



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

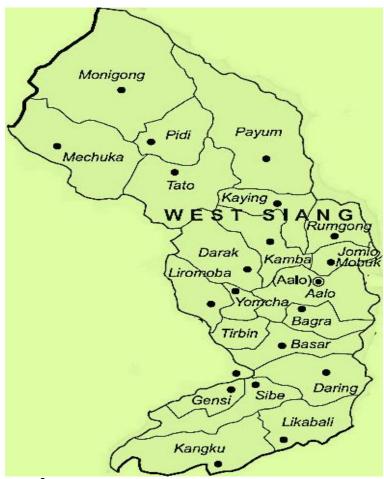


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: West Siang** 

No: 102/2015-16/Tue

Dated: 20th Dec., 2016



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

Weather summery of the previous week	Weather forecast valid up to 13 <sup>th</sup> Dec., 2016
Rainfall = $0.0$ mm. T. Max: $21.5$ °C, T. Min:	Generally clear/dry weather forecasted. Max Temp=23°C and
6.0 °C, RH: 50-99%, Wind Speed: 3-7	Min Temp=10°C, RH=30-88%, Wind Speed=4-6 kmph, Wind
kmps, Wind Direction: ENE	direction: WSW
Warning:	NIL

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	asar recommen Stage	Pest/Disease	y VANARAJA for backyard rearing  Precautionary Practices to be followed
Crop	Suge		FIELD CROPS
Wetland Rice	Harvesting		Proper sundry before storing
Potato	vegetative		<ul> <li>Weeding and application of fertilizer as per recommended doses is suggested in potato.</li> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> </ul>
Pea	Vegetative	Powdery mildew	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Foliar spray of urea@2% for moisture stress</li> <li>Stacking may be carried out</li> </ul>
Black Gram & Green Gram	Vegetative		Life saving irrigation and mulching recommended
Mustard/rapes eed	Vegetative	White Rust Alternaria blight Aphids	<ul> <li>Soil moisture conservation techniques like mulching with crop residue and provide life saving irrigation to the crops recommended.</li> <li>Spray Blitox@0.25% at 10-15 days interval</li> <li>Spray Indofilm-45@2.5g/l as preventive measure against alternaria blight and dimethoate 30 EC@3ml/lit for aphid in mustard.</li> </ul>
			VEGETABLES
Winter vegetables/ rabi crops Cabbage/Caulif lower	Seedling/ vegetative Vegetative	Cut worm/ leaf eating insects  Nutritional Deficiency	<ul> <li>Spray Azadirachtin 0.15% EC 2@ 6ml/lit against leaf eating insects in vegetables</li> <li>Life saving irrigation and mulching recommended</li> <li>Spray micronutrients like Multiplex or Tracel @0.2%</li> </ul>
		НОВТ	<ul> <li>Azadirachtin 0.03% (neem oil based WSP) @ 5lit/1000lit water/ha against Aphids, DBM, Cabbage Worm, Cabbage looper etc</li> <li>TCULTURAL CROPS</li> </ul>
Citrus	Fruiting	Trunk borer, Fruit fly / pre- harvest fruit drop/ leaf miner	<ul> <li>Collect and dispose rotten fruits</li> <li>Spray micronutrient like Multiplex@ 0.2% to compensate nutritional deficiency in orange.</li> <li>Do drenching with 0.05% <i>Dichlorvos</i> at base of plant for rectification of trunk-borer.</li> <li>On sunny day spray Spinosad 2.5 sc@ 2ml/10 lit of water.</li> <li>Spray NAA@2ml/5lit of water to prevent pre-harvest fruit drop</li> <li>Install fruit fly traps</li> <li>Need based foliar spray of Cypermethrin@4g/10ml against leaf miner.</li> </ul>
Large Cardamom Banana	Vegetative Bunching	Cold	<ul> <li>Remove dry, diseased and old tillers and branches and spray Bio NPK@2ml/lit water for proper growth</li> <li>Cover newly emerged bunches with locally available</li> </ul>
Danana	Duncining	Colu	sack to protect from cold/frost

		A	AGROFORESTRY	
Bamboo	Growing		Avoid cutting	
			Edible shoots can be harvested	
Toko Palm and	Growing		Avoid injury	
other MPTs			Weeding, cleaning recommended	
			Honey Bees	
			<ul> <li>Good season for trapping/catching of local honey bee colonies as this is the peak swarming season.</li> <li>Harvesting could be done or highly populated colonies should be divided.</li> </ul>	
	LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		Deworming and vaccination as per recommended schedule.	
			• Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.	
Poultry	All stages		Provide proper bedding materials (Straw, rice husk etc)	
			Deworming at regular interval	
			• Provide warmth@ 2 watt/chick	
			Close ventilation and openings in houses	
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	
Cattle/Mithun	All stages	FMD	Deworming with antihelmintic drugs like oxyclozanide or pyrantel.	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call				
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Agrometeorological Field Unit ICAR, BASAR