(Period: 27<sup>th</sup> to 31<sup>st</sup> May, 2016)



### 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: 43/2015-16/Fri

**Dated: 27th May, 2016** 



Weather summery of the previous week	Weather forecast valid up to 31 <sup>st</sup> May, 2016
Rainfall = (Roing): NA	Partly cloudy sky with possibility of very light rainfall in some
	places. Max Temp=28°C and Min Temp=20°C, RH=42-88%, Wind
	Speed=3-4 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 Basar recommend poultry variety VANARAJA for backyard rearing

Practices   Avoid water stagnation in the newly sown vegetable field   Go for 1 manual veeding during summy days   Avoid water stagnation near bee-boxes, basins of fruit plants.   Polises   Cercoppora   Every Prizorphos 40FC @ 4 ml/lit against stem borner in rice numery as well as in main field.   Polises   Polis	Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
Practices    Go for 1 manual weeding during sumny days   Avoid water stagnation near bee-boxes, basins of fruit plants.   Pulses				IELD CROPS		
Rice Nursery/trams plants.  Rice Nursery/trams plants.  Rice Nursery/trams plants.  Sterm borer plants.  Pulses Cercospora Leaf sopt  Fulses Pspay aradirachtin 0.15EC@6milhit against stem borer in rice mursery as well as in main field.  Summer Vegetables  Spray aradirachtin 0.15EC@6milhit against flea beetles Spray carbandarim/Manoczab@2gm/lit to control fungal diseases.  Right time for transplantation of vegetables.  Get seeds/planting materials of preferred or recommended varieties from right sources  Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.  Tomato  Phytophthora Blight  Orchards  Orchards  Peppare half moon terraces in fruit crops corange/hanana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.  Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards  Pincapple  Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.  Flowering Stage is advised to check flower drop in although the pollination by honey bees/insects.  Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over  Remove all water sprouts from the base of the plant  Spray growth regulator like NAA or GA3 @ 10-15 ppm at 10owering stage; as divised to check flower drop in orange.  On sunny weather, Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% to 2.2% it 2.2/lit of water to improve the yield and quality of fruits.  Follow ridge and furrow method of planting and provide adoquate drainage  Mulching ginger beds with locally available leaves/materials is advocated to improve bunch weight, followed by bagging of bunch to protect against unusual ruins.  Flowering the same deven				<ul> <li>Avoid water stagnation in the newly sown vegetal</li> </ul>	ole field	
Pales   Stem borer   Pilote	Practices			<ul> <li>Go for 1 manual weeding during sunny days</li> </ul>		
Rice   Nursery/trams   Stem borer				<ul> <li>Avoid water stagnation near bee-boxes, basins</li> </ul>	s of fruit	
Pulses   Cercospora				plants.		
Pulses    Cercospora   Leaf sopt	Rice	Nursery/trans	Stem borer	Rice: Spray Triazophos 40EC @ 4 ml/lit against ster	m borer in	
Summer   Vegetables   Spray aradirachtin 0.15PC@fml/lij against flea beetles   Spray carbandazim/Muncozab@2gm/lit to control fungal diseases.   Right time for transplantation of vegetables.   Get seeds/planting materials of preferred or recommended varieties from fight sources   Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharlif rains for better crop establishment.		plantation		rice nursery as well as in main field.		
Summer   Spray azadirachtin 0.15EC@6ml/lit against flea beetles	Pulses		Cercospora	Foliar spray carbandazim/Mancozab@2gm/lit		
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Pineapple				VEGETABES		
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Pineapple    Plowering   Plowe				• Right time for transplantation of vegetables.		
Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.    On sunny days, Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.    FRUIT CROPS				• Get seeds/planting materials of prefer	rred or	
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against unusual rains.  AGROFORESTRY  Toko Palm  Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery  Suitable time for planting saplings of fruits/fodder and				, , , , , , , , , , , , , , , , , , ,	-	
Toko Palm  Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery  Suitable time for planting saplings of fruits/fodder and				, , , ,	-	
for nursery  • Suitable time for planting saplings of fruits/fodder and						
for nursery  • Suitable time for planting saplings of fruits/fodder and	Toko Palm			• Sowing of seeds of toko palm in poly bags @ 1 s	seed/bag	
				for nursery		
timber trees					er and	
				timber trees		

LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>	
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>	
Fishery			<ul> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>	
Dog		Canine Parvovirus	Vaccinate as per consultation with vet	
Cattle/Mithun  Contact Scient		FMD	<ul> <li>Vaccination is advocated</li> <li>Deworming with antihelmintic drugs like oxyclozanide or pyrantel.</li> </ul>	

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

at 03795-226237/226247

(Period: 27th to 31st May, 2016)



## GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Lower Subansiri** 

No: 43/2015-16/Fri Dated: 27<sup>th</sup> April, 2016



Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall = NA (Ziro)	Mostly clear/dry weather is forecasted with possibility of very light
	rainfall in some places. Max Temp=24°C and Min Temp=15°C,
	RH=63-95%, Wind Speed=2-3 kmph, Wind direction: ESE
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	
	FIELD CROPS				
Cultural Practices			•	Go for 1 manual weeding during sunny days	
Rice	Nursery/trans plantation	Stem borer	•	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.	
Pulses		Cercospora Leaf sopt	•	Foliar spray carbandazim/Mancozab@2gm/lit	

			VEGETABLES
Summer Vegetables			<ul> <li>Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles</li> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.</li> </ul>
			Get seeds/planting materials of preferred or recommended varieties from right sources
			Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for
Tomato		Phytophthora Blight	<ul> <li>better crop establishment.</li> <li>Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.</li> </ul>
			FRUIT CROPS
Orchards			<ul> <li>Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards</li> </ul>
Citrus	Flowering		<ul> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits</li> </ul>
Pineapple			Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Ginger/summer pulses			<ul> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp; conserve moisture during dry seasons.</li> </ul>
Banana			Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.
		A	GROFORESTRY
Toko Palm			Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul> <li>Suitable time for planting saplings of fruits/fodder and timber trees</li> </ul>
		I .	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for crosbreeds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended</li> </ul>
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> </ul>

Fishery		<ul> <li>Provide anti-coccidial drugs</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @1/m²</li> </ul>
		<ul> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>
Dog	Canine Parvovirus	Vaccinate as per consultation with vet
Cattle/Mithun	FMD	<ul> <li>Vaccination is advocated</li> <li>Deworming with antihelmintic drugs like oxyclozanide or pyrantel.</li> </ul>

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

at 03795-226237/226247

(Period: 27th to 31st May, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Papum Pare** 

No: 43/2015-16/Fri

Dated: 27th May, 2016



Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall: NA; T.Max: NA; T.Min: NA; RH: NA	Cloudy weather is forecasted with light rainfall in some places. Max
	Temp=32°C and Min Temp=20°C, RH=49-96%, Wind Speed=2-4
	kmph, Wind direction: E
Warning:	NIL

#### Weather Based Agro-meteorological Advisories Bulletin

- Avoid spray of insecticides at flowering stage of crops/plants as it may hinder pollination by honey bees or other insects
- 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
C-1, 1			FIELD CROPS
Cultural Practices			Go for manual weeding during sunny days
Rice	Nursery/trans plantation	Stem borer	• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses	1	Cercospora	Foliar spray carbandazim/Mancozab@2gm/lit
		Leaf sopt	VEGETABLES
Summer			
Vegetables			• Spray azadirachtin 0.15EC@6ml/lit against flea beetles
Vegetables			<ul> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.</li> </ul>
			Get seeds/planting materials of preferred or recommended varieties from right sources
Tomato		Phytophthora	Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or
		Blight	Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
	<u>'</u>		FRUIT CROPS
Orchards			• Prepare half moon terraces in fruit crops
			(orange/banana/apple/peach) grown in steep slopes to
			prevent nutrient loss during heavy downpour.
			Follow proper drainage and earthing up practices in low
			land/plain areas to avoid water stagnation in fruit
Citana	Elemenine		orchards
Citrus	Flowering		Avoid spray of insecticides if flowering begins
			• Go for drenching with Dichlorvos 76 EC @ 0.05% against
			trunk borer
			• On dry weather, spray Imagalil 34WP @ 1g/lit against blue
			& green mauld in Khasi mandarin when the harvesting is
			over
			Remove all water sprouts from the base of the plant
			• Spray growth regulator like NAA or GA3 @ 10-15 ppm at
			flowering stage is advised to check flower drop in orange.
			• Foliar application of Boron + Zinc @ 0.2% or multiplex @
			0.2% i.e 2g/lit of water to improve the yield and quality of
			fruits
Pineapple			Remove excess suckers and spray NAA@100ppm to
			increase fruit size and improve quality.
Banana			Denavelling (removal of male bud) advocated to improve
			bunch weight, followed by bagging of bunch to protect against unusual rains.
Ginger/summer			Follow ridge and furrow method of planting and provide adequate
pulses			drainage
			Mulching ginger beds with locally available leaves/materials is
			advocated to enhance germination, prevent washing off during
			heavy rainfall, add organic matter to the soil & conserve moisture
			during dry seasons.  GROFORESTRY
Toko Palm		A	
TORO I allil			Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul> <li>Suitable time for planting saplings of fruits/fodder and timber trees</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Provide concentrate feed and multi-vitamins
	_		• Vaccination as per the schedule with proper consultation
			with vet.
			Deworm at regular interval
	<u> </u>	[	20 WOIM at 105 and 11101 var

			<ul> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for</li> </ul>
			crosbreds and 10 weeks for indigeneous pigs.
			• Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		Provide adequate clean drinking water+electrolyte
			• Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
			Provide anti-coccidial drugs
			• Quarantine the newly procured birds for one month before
			introduction with old birds
			• Vaccination against Ranikhet disease under vet official
			supervision is advised.
Fishery			• Right time for stocking of fish fingerlings in fish tank with stocking density @1/m²
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond
			twice daily to feed fish fingerlings
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle/Mithun		FMD	Vaccination is advocated
			• Deworming with antihelmintic drugs like oxyclozanide or pyrantel.

at 03795-226237/226247

(Period: 27th to 31st May, 2016)



## GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Tawang** 

No: 43/2015-16/Fri Dated: 27<sup>th</sup> May, 2016



Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall = NA	Partly cloudy sky with light rainfall. Max Temp=19°C and Min
	Temp=8°C, RH=54-89%, Wind Speed=4-7 kmph, Wind direction:
	ESE
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

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Crop	Stage	Pest/Disease	<b>Precautionary Practices to be followed</b>
			FIELD CROPS
Cultural Practices			Go for 1 manual weeding during sunny days
Rice	Nursery/trans plantation	Stem borer	• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	Foliar spray carbandazim/Mancozab@2gm/lit

			VEGETABLES
Summer			Spray azadirachtin 0.15EC@6ml/lit against flea beetles
Vegetables			Spray azadracitin <u>6.15EC@6m/nt</u> against nea beeties     Spray carbandazim/Mancozab@2gm/lit to control fungal
, egetmeres			
			diseases.
Orchards			FRUIT CROPS  • Prepare half moon terraces in fruit crops
Orenards			<ul> <li>(orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards</li> <li>Earthing-up and removal of excess suckers in Pineapple</li> </ul>
			should be carried out for better plant establishment and anchorage.
Ginger/summer pulses	Flowering		<ul> <li>If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin</li> <li>Remove all water sprouts from the base of the plant</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits</li> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp;</li> </ul>
			conserve moisture during dry seasons.
Banana			Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.
			LIVESTOCKS
Livestock	Stage	Disease	
	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Provide proper bedding materials for newly born piglets to protect them from cold</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> </ul>
			Deworm at regular interval
			<ul> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended</li> </ul>
Poultry	All stages		Provide sufficient bedding materials to keep them warm
			<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> </ul>
			Remove wet litter/provide artificial heating and light

		<ul> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised</li> </ul>
Fishery		<ul> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>
Dog	Canine Parvovirus	Vaccinate as per consultation with vet
Cattle/Mithun/ Yak	FMD	<ul> <li>Vaccination is advocated</li> <li>Deworming with antihelmintic drugs like oxyclozanide or pyrantel</li> </ul>
Contact Scienti	sts (ICAR) or State Agril Staff	For KVK staff for measures against adverse conditions or call

 $Is sued jointly \ by \ ICAR-RC \ for \ NEH \ Region, Arunachal \ Pradesh \ Centre, \ Basar \ and \ India \ Meteorological \ Department \ Contact: -\underbrace{IAAS.BASAR@gmail.com}, \ Phone \ Number: -o3795-226247/37, -96 \ (Fax)$ 

at 03795-226237/226247

(Period: 27th to 31st May, 2016)



## GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Tirap** 

No: 43/2015-16/Fri Dated: 27<sup>th</sup> May, 2016



Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall = Deomali: NA	Partially cloudy sky is forecasted for next 2-3 days with possibility
	of light rainfall in some places. Max Temp=31°C and Min
	Temp=19°C, RH=47-99%, Wind Speed=2-3 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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed			
	FIELD CROPS					
Cultural Practices			Go for 1 manual weeding during sunny days			
Rice	Nursery/trans plantation	Stem borer	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.			
Pulses		Cercospora Leaf sopt	Foliar spray carbandazim/Mancozab@2gm/lit			

			VEGETABLES
Summer			• Spray azadirachtin <a href="mailto:0.15EC@6ml/lit">0.15EC@6ml/lit</a> against flea beetles
Vegetables			Spray carbandazim/Mancozab@2gm/lit to control fungal
			diseases.
Tomato		Phytophthora	Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or
		Blight	Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
			EDITAL CHORC
Citrus	Flowering		<ul><li>FRUIT CROPS</li><li>If flowering begins, avoid spray of insecticides as it may</li></ul>
Citius	Thowering		• If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees.
			Go for drenching with Dichlorvos 76 EC @ 0.05%      Go inst trunk house.
			against trunk borer
			Spray Imagalil 34WP @ 1g/lit against blue & green
			mauld in Khasi mandarin when the harvesting is over
			Remove all water sprouts from the base of the plant
			Spray growth regulator like NAA or GA3 @ 10-15 ppm
			at flowering stage is advised to check flower drop in
			orange.
			• Foliar application of Boron + Zinc @ 0.2% or multiplex
			@ 0.2% i.e 2g/lit of water to improve the yield and
			quality of fruits
Pineapple			Remove excess suckers and spray NAA@100ppm to
			increase fruit size and improve quality.
Banana			Denavelling (removal of male bud) advocated to improve
			bunch weight, followed by bagging of bunch to protect
Cin con/symmon			against unusual rains.
Ginger/summer pulses			Follow ridge and furrow method of planting and provide  adaguate draine go
puises			<ul><li>adequate drainage</li><li>Mulching ginger beds with locally available</li></ul>
			leaves/materials is advocated to enhance germination,
			prevent washing off during heavy rainfall, add organic
			matter to the soil & conserve moisture during dry
			seasons.
T 1 D 1		A	GROFORESTRY
Toko Palm			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
			• Cyitable time for planting conlines of fmyite/fodder and
			<ul> <li>Suitable time for planting saplings of fruits/fodder and timber trees</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	2 10 0000	Provide concentrate feed and multi-vitamins
8~			<ul> <li>Vaccination as per the schedule with proper consultation</li> </ul>
			with vet.
			Deworm at regular interval
Poultry	All stages		During scarcity of fodder provide hay/silage/feedblocks.      Provide adaptate close dripling vector closers lyte.
1 Outily	All stages		Provide adequate clean drinking water+electrolyte  Vaccinetian as you the school with groups acquitation.
			Vaccination as per the schedule with proper consultation  with vet
			with vet.
			• Quarantine the newly procured birds for one month before
			introduction with old birds.
	300000000		Vaccination against Ranikhet disease under vet official
			supervision is advised.
Fishery			• Right time for stocking of fish fingerlings in fish tank with
			stocking density @ 1/m <sup>2</sup>
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond
-	*	•	

			twice daily to feed fish fingerlings
Dog	Canine	•	Vaccinate as per consultation with vet
	Parvovirus		
Cattle	FMD	•	Vaccination is advocated
		•	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

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

(Period: 27<sup>th</sup> to 31<sup>st</sup> May, 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: 42/2015-16/Tue





Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall = Tuting: NA	Partly cloudy weather is forecasted for next 2-3 days with possibility
	of light rainfall in some places. Max Temp=28°C and Min
	Temp=15°C, RH=47-88%, Wind Speed=2-4 kmph, Wind direction:
	SSE
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
- Right time for digging pond for construction of Jalkunds.
- 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

		-	y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Cultural			FIELD CROPS
Practices			<ul> <li>Go for 1 manual weeding during sunny days.</li> </ul>
Rice	Nursery/trans	Stem borer	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in
	plantation		rice nursery as well as in main field.
			VEGETABLES
Summer			<ul> <li>Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles</li> </ul>
Vegetables			Spray carbandazim/Mancozab@2gm/lit to control fungal
			diseases
Tomato		Phytophthora	• Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or
		Blight	Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
			FRUIT CROPS
Orchards			Prepare half moon terraces in fruit crops
			(orange/banana/apple/peach) grown in steep slopes to
			prevent nutrient loss during heavy downpour.
			• Follow proper drainage and earthing up practices in low
			land/plain areas to avoid water stagnation in fruit
D:1-			orchards
Pineapple			• Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering		<ul> <li>If flowering begins, avoid use of insecticides</li> </ul>
Citrus	1 to wering		<ul> <li>Go for drenching with Dichlorvos 76 EC @ 0.05%</li> </ul>
	No.		against trunk borer
			On dry weather, spray Imagalil 34WP @ 1g/lit against
	*		blue & green mauld in Khasi mandarin when the
			harvesting is over
			Remove all water sprouts from the base of the plant on
			clear day using stickers
			• Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in
			orange.
			• Foliar application of Boron + Zinc @ 0.2% or multiplex
			@ 0.2% i.e 2g/lit of water to improve the yield and
			quality of fruits.
Apple /Kiwi			Best time to apply fertilizers to the apple trees containing
			potassium, calcium, Boron and nitrogen
			<ul> <li>Fertilizers should be applied a foot away from the base of the plants</li> </ul>
			<ul> <li>Basin maintenance and manuring with FYM @ 30-35</li> </ul>
			kg/tree should be done. Avoid application of FYM close
			to the trunk
Ginger/summer			Follow ridge and furrow method of planting and provide
pulses			adequate drainage
			Mulching ginger beds with locally available
			leaves/materials is advocated to enhance germination,
			prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry
			seasons.
Banana			Desuckering (removing excess numbers of suckers)
			arising from the mother plant) should be followed
		A	GROFORESTRY
Toko Palm			• Sowing of seeds of toko palm in poly bags @ 1 seed/bag
			for nursery
			Suitable time for planting saplings of fruits/fodder and  time and time are as a second same and time are as a second same are a second same are as a second same are a s
			timber trees
			LIVESTOCKS

Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery			<ul> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m<sup>2</sup></li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle/Mithun		FMD	Vaccination is advocated
Contact Scient	tists (ICAR) or		f or KVK staff for measures against adverse conditions or call 3795-226237/226247

(Period: 27<sup>th</sup> to 31<sup>st</sup> May, 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: 43/2015-16/Fri

<u>Dated: 27<sup>th</sup> May, 2016</u>



Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall = NA (Puchi Geko); Daporijo: NA	Mostly clear weather is forecasted for next 2-3 days with possibility
	of light rainfall in few places. Max Temp=28°C and Min
	Temp=12°C, RH=62-94%, Wind Speed=2-4 kmph, Wind direction:
	S
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	Precautionary Practices to be followed
			FIELD CROPS
Cultural Practices			Go for 1 manual weeding during sunny days
Rice	Nursery/trans plantation	Stem borer	• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses	1	Cercospora	Foliar spray carbandazim/Mancozab@2gm/lit
		Leaf sopt	VEGETABLES
Summer			
Vegetables			• Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
Vegetables			<ul> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.</li> </ul>
Tomato		Phytophthora Blight	Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
			FRUIT CROPS
Orchards			<ul> <li>Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards</li> </ul>
Pineapple			Remove excess suckers and spray NAA@100ppm to
Citrus  Banana  Ginger/summer pulses	Flowering		<ul> <li>Avoid spray of insecticides if flowering begins</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.</li> <li>Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.</li> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp; conserve moisture during dry seasons.</li> </ul>
Livestock	Stage	Disease	
	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Provide concentrate feed and multi-vitamins
			<ul> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>

Poultry A	ll stages	<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Provide anti-coccidial drugs</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery		<ul> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>
Dog	Canine Parvovirus	Vaccinate as per consultation with vet
Cattle	FMD	Vaccination is advocated

at 03795-226237/226247

(Period: 27<sup>th</sup> to 31<sup>st</sup> May, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: West Kameng** 

No: 43/2015-16/Fri Dated: 27<sup>th</sup> May, 2016



Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall = Bomdila: NA; Bhalukpong: NA	Partly cloudy sky with possibility of very light rainfall. Max
mm	Temp=26°C and Min Temp=12°C, RH=52-90%, Wind Speed=3-5
	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 Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Cultural		<u> </u>	FIELD CROsPS  • Go for 1 manual weeding during sunny days
Practices			do for 1 manual weeding during sumity days
Pulses		Cercospora Leaf sopt	Foliar spray carbandazim/Mancozab@2gm/lit
Rice	Nursery/trans	Stem borer	• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in
	plantation		rice nursery as well as in main field.
- C	l	T	VEGETABLES
Summer			• Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
Vegetables			<ul> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.</li> </ul>
Tomato		Phytophthora Blight	Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
	<u> </u>		FRUIT CROPS
Orchards			<ul> <li>Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low</li> </ul>
			land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering		<ul> <li>Avoid spray of insecticides if flowering begins as it may hinder pollination by honey bees and other insects.</li> </ul>
			Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer
			• Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over
			Remove all water sprouts from the base of the plant
			Need based spray of Carbendazim 50WP @ 1g/lit or
			Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew
			Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits
Pineapple			Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana			Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.
Ginger/summer pulses			Follow ridge and furrow method of planting and provide adequate drainage
			Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off
			during heavy rainfall, add organic matter to the soil &
			conserve moisture during dry seasons.
Livestock	Stogo	Digagge	LIVESTOCKS  Procontinuous Practices to be followed
Pigs	Stage All stages	Disease	Precautionary Practices to be followed     Provide concentrate feed and multi-vitamins
Figs	All stages		
			• Vaccination as per the schedule with proper consultation with vet.
			Deworm at regular interval
			During scarcity of fodder provide hay/silage/feedblocks.
			Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4% NaOH at regular interval is advocated
			Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.
			Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		
1 outly	An stages		Avoid rearing of Day-Old-Chicks

		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery		• Right time for stocking of fish fingerlings in fish tank with stocking density @1/m <sup>2</sup>
		• Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog	Canine Parvovirus	Vaccinate as per consultation with vet
Cattle	FMD	Vaccination is advocated

at 03795-226237/226247

(Period: 27th to 31st May, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



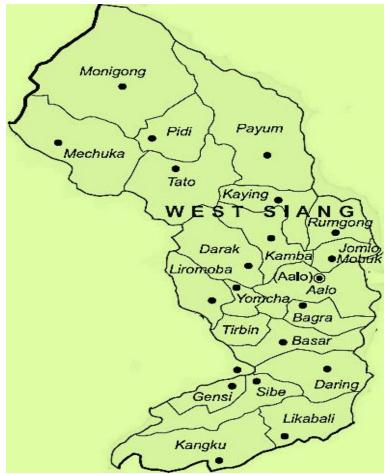


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: West Siang** 

No: 43/2015-16/Fri

**Dated: 27th May, 2016** 



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

Weather summery of the previous week	Weather forecast valid up to 31 <sup>st</sup> May , 2016
Rainfall = 18.4 mm. T. Max: 25.9°C, T.	Partly cloudy sky with possibility of light rainfall. Max Temp=37°C
Min: 18.9°C, RH: 61-95%, Wind Speed: 3-4	and Min Temp=19°C, RH=55-92%, Wind Speed=2-3 kmph, Wind
kmps, Wind Direction: ES	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
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source

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 Crop Stage Pest/Disease Cultural • Go for 1 manual weeding during sunny days Practices Pulses Cercospora Foliar spray carbandazim/Mancozab@2gm/lit Leaf sopt Rice Nursery/trans Stem borer Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in plantation rice nursery as well as in main field. **VEGETABLES** Tomato Phytophthora Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Blight Mancozeb-64WP + Metalexyl-8% WP @ 2g/L. Summer Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles Vegetables Spray carbandazim/Mancozab@2gm/lit to control fungal diseases. FRUIT CROPS Orchards half Prepare moon terraces crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards Pineapple Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality. Citrus Flowering Avoid using insecticide if flowering begins as it may hinder Powdery pollination by honey bees and insects Mildew Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of Ginger/summer Follow ridge and furrow method of planting and provide adequate pulses Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons. Banana Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains. **AGROFORESTRY** Toko Palm Sowing of seeds of toko palm in poly bags @ 1 seed/bag Suitable time for planting saplings of fruits/fodder and timber trees LIVESTOCKS Livestock Stage Disease **Precautionary Practices to be followed** Pigs All stages Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks.

Use fertilizers/pesticides as per recommended doses for the location

Poultry	All stages		<ul> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>	
Fishery			<ul> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>	
Dog		Canine Parvovirus	Vaccinate as per consultation with vet	
Cattle/Mithun		FMD	<ul> <li>Vaccination is advocated</li> <li>Deworming with antihelmintic drugs like oxyclozanide or pyrantel.</li> </ul>	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				

(Period: 27th to 31st May, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



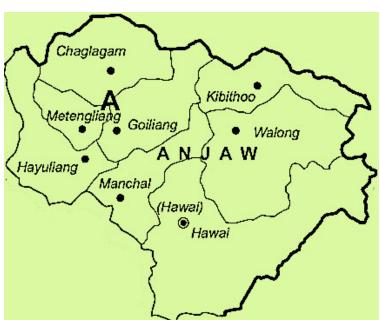
Dated: 27th May, 2016



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

**District: Anjaw** 

No: 43/2015-16/Fri



Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 masl

Weather summery of the previous week	Weather forecast valid up to 31 <sup>st</sup> May, 2016
Rainfall = NA	Generally clear/dry weather is forecasted. Max Temp=24°C and Min
	Temp=11°C, RH=49-92%, Wind Speed=4-5 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
- Warning: Spraying of DDT in crops is lethal

Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
	FIELD CROPS				
Cultural			•	Go for manual weeding during sunny days	
Practices					
Rice	Nursery/trans	Stem borer	•	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in	
	plantation			rice nursery as well as in main field.	

Pulses		Cercospora Leaf sopt	Foliar spray of carbandazim/Mancozab@2gm/lit
			VEGETABLES
Summer Vegetables			<ul> <li>Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles</li> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.</li> </ul>
Tomato		Phytophthora Blight	Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
			FRUIT CROPS
Orchards			<ul> <li>Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards</li> </ul>
Pineapple			• Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering	Powdery Mildew	<ul> <li>Remove all water sprouts from the base of the plant</li> <li>On sunny days, spray growth regulator like NAA or GA3</li> <li>@ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.</li> </ul>
Banana			Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.
Ginger/summer pulses			<ul> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp; conserve moisture during dry seasons.</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated</li> <li>Provide adequate amount of potable water</li> </ul>
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte and multivitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Provide anti-coccidial drugs</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery			<ul> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet

Cattle/Mithun		FMD	<ul> <li>Vaccination is advocated against FMD</li> <li>Deworming with antihelmintic drugs like oxyclozanide or pyrantel.</li> </ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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

(Period: 27th to 31st May, 2016)



## GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



Dated: 27th May, 2016



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

**District: Changlang** 

No: 43/2015-16/Fri

Diyun

Miao

Bordumsa) C H A N G L A N G

Kharsang

Jairampur

Tikhak
Rima
Putok

Namtok

Manmao

Repluk

Changlang

Yatdam
Khimlumng

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

Weather summery of the previous week	Weather forecast valid up to 31 <sup>st</sup> May, 2016
Rainfall = Changlang: NA. Miao: NA	Partly cloudy sky with possibility of light rainfall. Max Temp=24°C and Min Temp=15°C, RH=58-94%, Wind Speed=2-3 kmph, Wind direction: SSE
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		
	FIELD CROPS				
Cultural Practices			Go for manual weeding during sunny days		
Rice	Nursery/trans plantation	Stem borer	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.		

Pulses		Cercospora Leaf sopt	Foliar spray carbandazim/Mancozab@2gm/lit
			VEGETABLES
Summer Vegetables Tomato		Phytophthora Blight	<ul> <li>Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles</li> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.</li> </ul>
Orchards			<ul> <li>Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards</li> </ul>
Pineapple			<ul> <li>Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.</li> </ul>
Citrus	Flowering	Powdery Mildew	<ul> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer</li> <li>Need based foliar spray of Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.</li> <li>Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.</li> </ul>
Ginger/summer pulses			<ul> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp; conserve moisture during dry seasons.</li> </ul>
		A	GROFORESTRY
			Suitable time for planting saplings of fruits/fodder and timber trees  **TURNET OF STATES**  **TURNET OF
T: 4 1	G.	D:	LIVESTOCKS
Pigs	Stage All stages	Disease	<ul> <li>Precautionary Practices to be followed</li> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4% NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> </ul>
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte and multivitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Provide anti-coccidial drugs</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention</li> </ul>

		<ul> <li>of cocciodiosis.</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>		
Fishery		<ul> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>		
Dog	Canine Parvovirus	Vaccinate as per consultation with vet		
Cattle/Mithun	FMD	Vaccination is advocated against FMD		
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call				

at 03795-226237/226247

(Period: 27th to 31st May, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

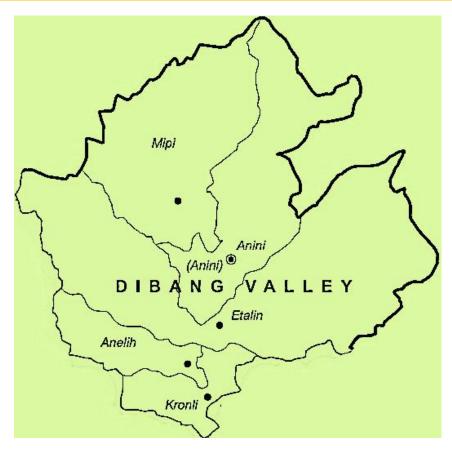




ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Dibang Valley** 

No: 43/2015-16/Fri Dated: 27<sup>th</sup> May, 2016



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

Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall = Anini: NA	Partly cloudy sky with possibility of light rainfall in few places. Max Temp=23°C and Min Temp=15°C, RH=45-89%, Wind Speed=4-5 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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
Di		~	FIELD CROPS
Rice	Nursery/trans plantation	Stem borer	• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	Foliar spray carbandazim/Mancozab@2gm/lit
		2001 55000	VEGETABLES
Summer			Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
Vegetables			Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.
			Get seeds/planting materials of preferred or recommended varieties from right sources
Tomato		Phytophthora Blight	Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or
		Blight	Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
			FRUIT CROPS
Orchards			Prepare half moon terraces in fruit crops
			(orange/banana/apple/peach) grown in steep slopes to
			<ul><li>prevent nutrient loss during heavy downpour.</li><li>Follow proper drainage and earthing up practices in low</li></ul>
			land/plain areas to avoid water stagnation in fruit orchards
Pineapple			Remove excess suckers and spray NAA@100ppm to
Citano	Eleverine		increase fruit size and improve quality.
Citrus	Flowering		• Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is
			over
			Remove all water sprouts from the base of the plant
			Need based spray of Carbendazim 50WP @ 1g/lit or
			Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew
			Spray growth regulator like NAA or GA3 @ 10-15 ppm
			at flowering stage is advised to check flower drop in
			<ul> <li>orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex</li> </ul>
			@ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Ginger/summer			Follow ridge and furrow method of planting and provide
pulses			<ul><li>adequate drainage</li><li>Mulching ginger beds with locally available</li></ul>
			leaves/materials is advocated to enhance germination,
			prevent washing off during heavy rainfall, add organic
			matter to the soil & conserve moisture during dry seasons.
Banana			Denavelling (removal of male bud) advocated to improve
			bunch weight, followed by bagging of bunch to protect against unusual rains.
		Λ	GROFORESTRY
All trees		A	Suitable time for planting saplings of fruits/fodder and
			timber trees
Toko Palm			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		Provide concentrate feed and multi-vitamins
			Vaccination as per the schedule with proper consultation
			with vet.
	NACON I		Deworm at regular interval     During scarcity of fodder provide heavisile go/feedblocks
			<ul> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for</li> </ul>
L			canning is recommended at the age of 6 weeks for

			crosbreds and 10 weeks for indigeneous pigs.		
			Swine fever vaccine at the age of 8- 10 week is		
			recommended.		
Poultry	All stages		Provide adequate clean drinking water+electrolyte		
			• Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.		
			Quarantine the newly procured birds for one month before introduction with old birds		
			• Vaccination against Ranikhet disease under vet official supervision is advised.		
Fishery			• Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m <sup>2</sup>		
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings		
Dog		Canine Parvovirus	Vaccinate as per consultation with vet		
Cattle/Mithun		FMD	Vaccination is advocated		
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call					

at 03795-226237/226247

(Period: 27<sup>th</sup> to 31<sup>st</sup> May, 2016)



# GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



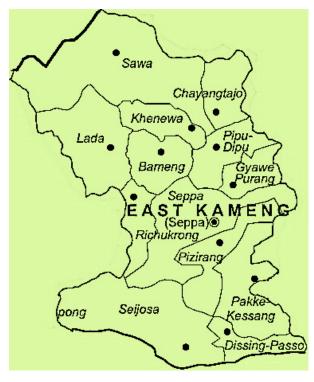


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: East Kameng** 

No: 43/2015-16/Fri

Dated: 27th May, 2016



Weather summery of the previous week	Weather forecast valid up to 31 <sup>st</sup> May, 2016
Rainfall = NA (Seppa)	Partly cloudy sky with possibility of very light rainfall. Max Temp=23°C and Min Temp=10°C, RH=56-92%, Wind Speed=3-4 kmph, Wind direction: NE
Warning:	NIL

# Weather Based Agro-meteorological Advisories Bulletin

## **General Recommendations**

- Right time for digging pond for construction of Jalkunds.
- 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
Cultural Practices			<ul> <li>Deep summer ploughing can be carried out during sunny days</li> <li>Incorporation of left-over residue/stovers is highly recommended during ploughing for cultivation of pre-kharif crops.</li> </ul>
Rice	Nursery/trans	Stem borer	<ul> <li>Go for manual weeding during sunny days</li> <li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in</li> </ul>
	plantation		rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	Foliar spray carbandazim/Mancozab@2gm/lit
			VEGETABLES
Summer			Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
Vegetables			<ul> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases</li> </ul>
			Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
			Right time for transplantation of vegetables
			• Get seeds/planting materials of preferred or
			recommended varieties from right sources
Tomato		Phytophthora Blight	• Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
			FRUIT CROPS
Orchards  Citrus	Flowering		<ul> <li>Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards</li> <li>If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees or other insects</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in</li> </ul>
Pineapple			<ul> <li>at flowering stage is advised to check flower drop in orange.</li> <li>On sunny weather, foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.</li> <li>Remove excess suckers and spray NAA@100ppm to</li> </ul>
			increase fruit size and improve quality.
Ginger/summer pulses			<ul> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp; conserve moisture during dry seasons.</li> </ul>
Banana			Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect

Pigs All	tage Diseas stages	Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery     Suitable time for planting saplings of fruits/fodder and timber trees  LIVESTOCKS  SE  Precautionary Practices to be followed  Provide concentrate feed and multi-vitamins  Vaccination as per the schedule with proper consultation with vet.  Deworm at regular interval  During scarcity of fodder provide hay/silage/feedblocks.  Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.
Livestock St Pigs All	0	for nursery  Suitable time for planting saplings of fruits/fodder and timber trees  LIVESTOCKS  se Precautionary Practices to be followed  Provide concentrate feed and multi-vitamins  Vaccination as per the schedule with proper consultation with vet.  Deworm at regular interval  During scarcity of fodder provide hay/silage/feedblocks.  Weaning is recommended at the age of 8 weeks for
Pigs All	0	timber trees  LIVESTOCKS  se Precautionary Practices to be followed  • Provide concentrate feed and multi-vitamins  • Vaccination as per the schedule with proper consultation with vet.  • Deworm at regular interval  • During scarcity of fodder provide hay/silage/feedblocks.  • Weaning is recommended at the age of 8 weeks for
Pigs All	0	<ul> <li>Precautionary Practices to be followed</li> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for</li> </ul>
Pigs All	0	<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for</li> </ul>
	stages	<ul> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> <li>Weaning is recommended at the age of 8 weeks for</li> </ul>
Poultry All		1 *
Fishery	stages	<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>Right time for stocking of fish fingerlings in fish tank with</li> </ul>
		<ul> <li>stocking density @ 1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @ 5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>
Dog	Canir Parvov	r r
Cattle	FMI	Vaccination is advocated

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

Agrometeorological Field Unit ICAR, BASAR

(Period: 27th to 31st May, 2016)



# GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



Dated: 27th May, 2016



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

**District: East Siang** 

No: 43/2015-16/Fri



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

New

Weather summery of the previous week	Weather forecast valid up to 31st May, 2016
Rainfall: NA; T. Max: NA; T. Min: NA; RH:	Mostly clear/dry weather is forecasted with light rainfall in some
NA	places. Max Temp=30°C and Min Temp=18°C, RH=47-91%, Wind
	Speed=2-4 kmph, Wind direction: WNW
Warning:	NIL

### Weather Based Agro-meteorological Advisories Bulletin

# General Recommendations Go for low cost polyhouses for year round cultivation of vegetables Obtain seeds from reputed/certified/reliable source Use fertilizers/pesticides as per recommended doses for the location Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides ICAR Basar recommend poultry variety VANARAJA for backyard rearing Crop Stage Pest/Disease Precautionary Practices to be followed FIELD CROPS Cultural Practices Avoid water stagnation in the newly sown vegetable field Incorporation of left-over residue/stovers is highly

recommended during ploughing for cultivation of pre-

			kharif crops.
			Go for 1 manual weeding during sunny days
Rice	Nursery/trans	Stem borer	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in
	plantation		rice nursery as well as in main field.
Pulses		Cercospora	Foliar spray carbandazim/Mancozab@2gm/lit
		Leaf sopt	VEGETABLES
Summer			Spray azadirachtin 0.15EC@6ml/lit against flea beetles
Vegetables			Spray azadrachini o.15Ecwomi/m against hea beeties     Spray carbandazim/Mancozab@2gm/lit to control fungal
			diseases.
			Right time for transplantation of vegetables.
			Get seeds/planting materials of preferred or
			recommended varieties from right sources
Tomato		Phytophthora	Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or
Tomato		Blight	Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
			FRUIT CROPS
Orchards			• Prepare half moon terraces in fruit crops
oremards.			<ul> <li>(orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit</li> </ul>
			orchards
Pineapple			• Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus  Banana  Ginger/summer pulses	Flowering		<ul> <li>Avoid spray of insecticide if flowering begin as it may hinder pollination by honey bees and other insects.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.</li> <li>On sunny days, spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.</li> <li>Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.</li> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp; conserve moisture during dry</li> </ul>
		A	seasons.  GROFORESTRY
			Suitable time for planting saplings of fruits/fodder and
			timber trees
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> </ul>

		ı	
Poultry	All stages		<ul> <li>Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated</li> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official</li> </ul>
			supervision is advised.
Fishery			• Right time for stocking of fish fingerlings in fish tank with stocking density @1/m <sup>2</sup>
			Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle/Mithun		FMD	Vaccination is advocated
			Deworming with antihelmintic drugs like oxyclozanide or
			pyrantel.
Contact Scien	tists (ICAR) or	State Agril Staf	f or KVK staff for measures against adverse conditions or call

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

at 03795-226237/226247

Agrometeorological Field Unit ICAR, BASAR

(Period: 27th to 31st May, 2016)



# GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Kurung Kumey** 

No: 43/2015-16/Fri

Dated: 27th May, 2016



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

Weather summery of the previous week	Weather forecast valid up to 31 <sup>st</sup> May, 2016
Rainfall = NA	Generally clear/dry weather is forecasted. Max Temp=21°C and Min
	Temp=11°C, RH=65-91%, Wind Speed=2-4 kmph, Wind direction:
	ESE
Warning	NIL

## Weather Based Agro-meteorological Advisories Bulletin

## **General Recommendations**

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
	FIELD CROPS				
Cultural			<ul> <li>Incorporation of left-over residue/stovers is highly</li> </ul>		
Practices			recommended during ploughing for cultivation of pre-		
			kharif crops.		

			Go for manual weeding.
Rice	Nursery/trans	Stem borer	Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in
	plantation		rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	Foliar spray carbandazim/Mancozab@2gm/lit
			VEGETABES
Summer			Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles
Vegetables			<ul> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> </ul>
Tomato		Phytophthora Blight	Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
			FRUIT CROPS
Orchards			<ul> <li>Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards</li> </ul>
Citrus  Pineapple  Ginger/summer pulses	Flowering		<ul> <li>Avoid spray of insecticides during flowering as it may hinder pollination by honey bees/other insects</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>During dry weather, spray Imagalil 34WP @ 1g/lit against blue &amp; green mauld in Khasi mandarin when the harvesting is over</li> <li>Remove all water sprouts from the base of the plant.</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.</li> <li>Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.</li> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp; conserve moisture during dry seasons.</li> </ul>
Banana			Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.
		A	GROFORESTRY
Toko Palm	Nursery		Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			Suitable time for planting saplings of fruits/fodder and timber trees  **EXECUTE: CARG.**  **TANDERSO
<b>T</b> •		<b>D</b> :	LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> </ul>

			<ul> <li>Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation with vet</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>Provide anti-coccidial drugs</li> <li>Remove wet litter/provide artificial heating and light</li> <li>Quarantine the newly procured birds for one month before introduction with old birds.</li> </ul>
Fishery			<ul> <li>Right time for stocking of fish fingerlings in fish tank with stocking density @1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul> <li>Vaccination is advocated</li> <li>Deworming with antihelmintic drugs like oxyclozanide or pyrantel</li> <li>for KVK staff for measures against adverse conditions or call</li> </ul>

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)

at 03795-226237/226247

Agrometeorological Field Unit ICAR, BASAR

(Period: 27th to 31st May, 2016)



# GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



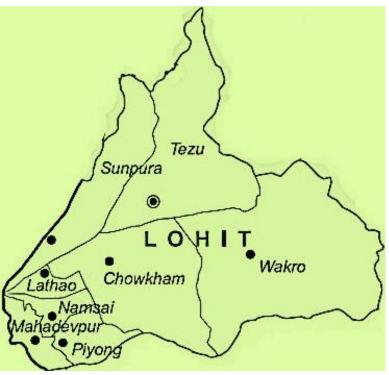


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Lohit** 

No: 43/2015-16/Fri





Weather summery of the previous week	Weather forecast valid up to 31 <sup>st</sup> May, 2016
Rainfall = NA (Tezu)	Mostly cloudy sky with possibility of light/moderate rainfall. Max
	Temp=24°C and Min Temp=15°C, RH=52-93%, Wind Speed=3-4
	kmph, Wind direction: E
Warning:	NIL

# Weather Based Agro-meteorological Advisories Bulletin

### **General Recommendations**

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

		J 10000000	, ,		
Crop	Stage	Pest/Disease	<b>Precautionary Practices to be followed</b>		
	FIELD CROPS				
Cultural Practices			Go for manual weeding during sunny days		
Rice	Nursery/trans plantation	Stem borer	• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem b rice nursery as well as in main field.	orer in	

Pulses		Cercospora Leaf sopt	Foliar spray carbandazim/Mancozab@2gm/lit
		1	VEGETABES
Summer Vegetables			<ul> <li>Spray azadirachtin <u>0.15EC@6ml/lit</u> against flea beetles</li> <li>Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.</li> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> <li>Right time for transplantation of vegetables.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</li> <li>Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for</li> </ul>
Tomato		Phytophthora Blight	<ul> <li>better crop establishment</li> <li>Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.</li> </ul>
			FRUIT CROPS
Orchards			<ul> <li>Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour.</li> <li>Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards</li> </ul>
Pineapple			Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering		<ul> <li>If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees/insects.</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over</li> <li>Remove all water sprouts from the base of the plant</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> <li>Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.</li> </ul>
Ginger/summer pulses			<ul> <li>Follow ridge and furrow method of planting and provide adequate drainage</li> <li>Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil &amp; conserve moisture during dry seasons.</li> </ul>
Banana			<ul> <li>Denavelling (removal of male bud) advocated to improve bunch weight, followed by bagging of bunch to protect against unusual rains.</li> </ul>
		A	GROFORESTRY
Toko Palm			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> <li>Suitable time for planting saplings of fruits/fodder and timber trees</li> </ul> LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	2.50450	<ul> <li>Provide concentrate feed and multi-vitamins</li> <li>Vaccination as per the schedule with proper consultation with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedblocks.</li> </ul>

Poultry	All stages		<ul> <li>• Weaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.</li> <li>• Swine fever vaccine at the age of 8- 10 week is recommended.</li> <li>• Provide adequate clean drinking water+electrolyte</li> <li>• Vaccination as per the schedule with proper consultation with vet.</li> <li>• Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.</li> <li>• Provide anti-coccidial drugs</li> <li>• Remove wet litter/provide artificial heating and light</li> <li>• Quarantine the newly procured birds for one month before introduction with old birds.</li> <li>• Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>• Right time for stocking of fish fingerlings in fish tank with</li> </ul>
			<ul> <li>stocking density @ 1/m²</li> <li>Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings</li> </ul>
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul><li>Vaccination is advocated</li><li>Deworming with antihelmintic drugs like oxyclozanide or</li></ul>

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