(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



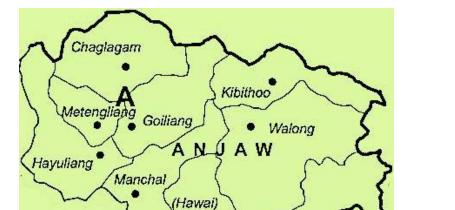
Dated: 12<sup>th</sup> April, 2016



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

**District: Anjaw** 

No: 30/2015-16/Tue



Hawai

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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = NA	Partially cloudy sky with possibility of light rain in few places. Max
	Temp=20°C and Min Temp=10°C, RH=36-91%, Wind Speed=6-9
	kmph, Wind direction: E
Warning:	Heavy rainfall/thunderstorms are very likely on 14 <sup>th</sup> & 15 <sup>th</sup> April

### Weather Based Agro-meteorological Advisories Bulletin

- 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
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease		<b>Precautionary Practices to be followed</b>		
	FIELD CROPS					
Cultural			•	Avoid water stagnation in the newly sown vegetable field		
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.		

			VEGETABLES
Summer Vegetables			<ul> <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 better crop establishment.</li> </ul>
	_		FRUIT CROPS
Orchards	Flowering	Powdery Mildew	<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>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer</li> <li>Avoid spray of insecticides which may hinder pollination by honey-bees.</li> </ul>
	*		<ul> <li>Remove all water sprouts from the base of the plant</li> <li>Need based foliar spray of 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> </ul>
		A	GROFORESTRY
Toko Palm			<ul> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
	T =		LIVESTOCKS
Livestock	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>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 sufficient bedding materials to keep them warm</li> <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>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			To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond

Dog		Canine	•	Vaccinate as per consultation with vet
		Parvovirus		•
Cattle		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				

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)

(Period: 12th to 15th April, 2016)



#### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



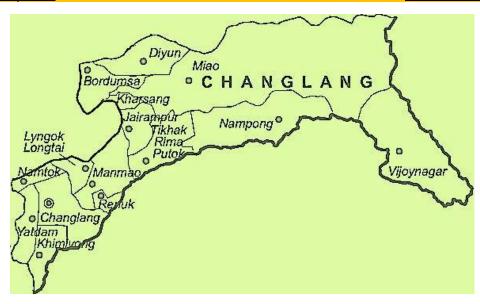


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Changlang** 

No: 30/2015-16/Tue

Dated: 12th April, 2016



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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = Changlang: 43.8 mm. Miao: 7.3 mm	Generally sky would remain moderately cloud covered with possibility of light/moderate rainfall. Max Temp=28°C and Min Temp=10°C, RH=42-90%, Wind Speed=4-5 kmph, Wind direction: ESE
Warning	Heavy rainfall/thunderstorms is likely in few isolated places on 14 <sup>th</sup> & 15 <sup>th</sup> April

#### Weather Based Agro-meteorological Advisories Bulletin

- 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
- 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			•	Avoid water stagnation in the newly sown vegetable field	
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.	

			VEGETABLES
Summer Vegetables			<ul> <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>Sowing should be done during these sunny days to avoid unnecessary seed mortality that might occur during heavy rain in April</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>
			better crop establishment.
	T		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	Powdery Mildew	<ul> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer</li> <li>Avoid spray of insecticides which may hinder pollination by honey-bees.</li> <li>Remove all water sprouts from the base of the plant</li> <li>Need based foliar spray of Difenoconazole 5EC @ 0.5</li> </ul>
			<ul> <li>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> </ul>
T-1 D-1		A	GROFORESTRY
Toko Palm			Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			LIVESTOCKS
Livestock	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> <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 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		To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond
Dog	Canine	Vaccinate as per consultation with vet
	Parvovirus	
Cattle	FMD	Vaccination is advocated against FMD
a	A COLD CLARA BOOK	. TTTTT

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

(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 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: 30/2015-16/Tue

Dated: 12th April, 2016



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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = Anini: 16.0 mm.	Moderate cloud cover with possibility of light/moderate rain in next 2-3 days. Max Temp=23°C and Min Temp=10°C, RH=34-90%, Wind Speed=4-8 kmph, Wind direction: ENE
Warning:	Heavy rainfall/thunderstorms are likely in some isolated places on 14 <sup>th</sup> & 15 <sup>th</sup> April

### Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Cultural Practices			Avoid water stagnation in the newly sown vegetable field
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 Vegetables			<ul> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> </ul>
8			Right time for transplantation of vegetables.
			• Get seeds/planting materials of preferred or
			recommended varieties from right sources
			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>If flowering begin, avoid spray of insecticide which may hinder pollination by honey bees.</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>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
		A	GROFORESTRY
Toko Palm			Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
		Discase	, and the second
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> <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>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			To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle		FMD	Vaccination is advocated

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(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 2016)



# GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



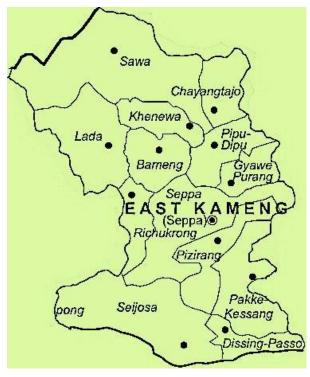


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: East Kameng** 

No: 30/2015-16/Tue

Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = 5.3 mm (Seppa)	Moderate cloud cover with possibility of light/moderate rainfall in next 2-3 days. Max Temp=23°C and Min Temp=11°C, RH=44-92%, Wind Speed=3-7 kmph, Wind direction: ESE
Warning:	Heavy rainfall/thunderstorms is forecasted on 14 <sup>th</sup> & 15 <sup>th</sup> in few isolated places

#### Weather Based Agro-meteorological Advisories Bulletin

- 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			Avoid water stagnation in the newly sown vegetable field
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.
			VEGETABLES
Summer Vegetables			<ul> <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> </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>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 orange.</li> </ul>
		A	GROFORESTRY
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		<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> <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		To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond
Dog	Canine	Vaccinate as per consultation with vet
	Parvovirus	
Cattle	FMD	Vaccination is advocated
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(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 2016)



## GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: East Siang** 

No: 30/2015-16/Tue <u>Dated: 12<sup>th</sup> April, 2016</u>



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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall: 76.9 mm; T. Max: 30.9°C; T. Min:	Moderate cloud cover with possibility of light to moderate rainfall in
18.3°C; RH: 62-100%	next 2-3 days. Max Temp=23°C and Min Temp=18°C, RH=44-90%,
	Wind Speed=5-6 kmph, Wind direction: W
Warning:	Heavy rainfall/thunderstorms are very likely in few isolated
	places on 14 <sup>th</sup> & 15 <sup>th</sup> April

### Weather Based Agro-meteorological Advisories Bulletin

- 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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
			FIELD CROPS
Cultural Practices			Avoid water stagnation in the newly sown vegetable field
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.
	1		VEGETABLES
Summer			Sowing of vegetables like okra/ladies finger and beans are not
Vegetables			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
	_		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>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> </ul>
Toko Palm		A	<ul> <li>GROFORESTRY</li> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag</li> </ul>
			for nursery
T	- Gr	D.	LIVESTOCKS
Livestock	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/</li> </ul>
			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
Poultry	All stages		recommended.  • Provide adequate clean drinking water+electrolyte
1 Guiny	Am stages		<ul> <li>Vaccination as per the schedule with proper consultation</li> </ul>
			with vet.
			Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
			Provide anti-coccidial drugs
			Remove wet litter
			Quarantine the newly procured birds for one month before
			introduction with old birds.
			• Vaccination against Ranikhet disease under vet official supervision is advised.
	1		supervision is auviseu.

Fishery		To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond
Dog	Canine	Vaccinate as per consultation with vet
	Parvovirus	
Cattle	FMD	Vaccination is advocated
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(Period: 12th to 15th April, 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: 30/2015-16/Tue

Dated: 12th April, 2016



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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = NA	Partially cloudy sky with possibility of light rain in next 2-3 days in
	few places. Max Temp=23°C and Min Temp=14°C, RH=42-93%,
	Wind Speed=2-10 kmph, Wind direction: WNW

#### Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of *Jalkunds*.
- 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			•	Avoid water stagnation in the newly sown vegetable field
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.
			VEGETABES
Summer Vegetables			<ul> <li>Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.</li> <li>Get seeds/planting materials of preferred or recommended varieties from right sources</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>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> </ul>
		A	GROFORESTRY
Toko Palm	Nursery		<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
Poultry	All stages  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> <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> <li>Avoid rearing of Day-Old-Chicks</li> <li>Provide sufficient bedding materials to keep them warm</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> </ul>
Fishery			To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond
Dog		~ .	
Cattle		Canine Parvovirus	Vaccinate as per consultation with vet

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)

(Period: 12th to 15th April, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

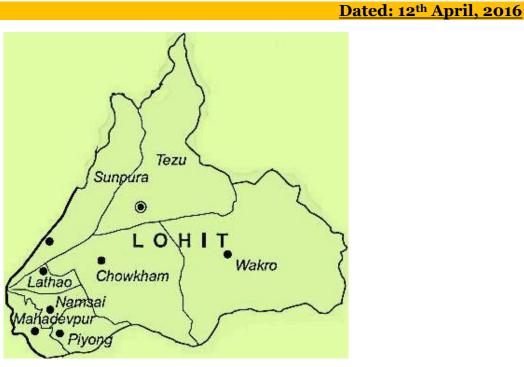




**ICAR Research Complex for NEH Region** Arunachal Pradesh Centre, Basar-791101

**District: Lohit** 

No: 30/2015-16/Tue



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = 7.1 (Tezu)	Moderate cloud cover with possibility of light to moderate rainfall is
	forecasted for next 2-3 days. Max Temp=24°C and Min Temp=14°C,
	RH=39-84%, Wind Speed=5-7 kmph, Wind direction: E
Warning:	Heavy rainfall/thunderstorms are forecasted in few isolated places
	on 14 <sup>th</sup> & 15 <sup>th</sup> April

## Weather Based Agro-meteorological Advisories Bulletin

- 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
- 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
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.

recommended as they are likely to spoil during rain.  Right time for transplantation of vegetables.  Get seeds/planting materials of preferred recommended varieties from right sources  Make sure that proper leveling of the land and drai is done to avoid water logging during pre-kharif rair better crop establishment  FRUIT CROPS  Orchards  Prepare half moon terraces in fruit of (orange/banana/apple/peach) grown in steep slope prevent nutrient loss during heavy downpour.  Follow proper drainage and earthing up practices in land/plain areas to avoid water stagnation in orchards  Pil flowering begins, avoid spray of insecticides as it inder pollination by honey bees/insects.  Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvestic over  Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 p at flowering stage is advised to check flower drop in orange.  AGROFORESTRY  Sowing of seeds of toko palm in poly bags @ 1 seed for nursery  LIVESTOCKS  Livestock Stage Disease  Precautionary Practices to be followed  Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born pigli protect them from cold Vaccination as per the schedule with proper consult with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedbloc Disinfecting the animal/bird sheds with lime por bleaching powder/ 4%NaOH at regular interval advocated Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs.				VEGETABES
Orchards  Prepare half moon terraces in fruit (orange/banana/apple/peach) grown in steep slope prevent nutrient loss during heavy downpour.  Follow proper drainage and earthing up practices in land/plain areas to avoid water stagnation in orchards  If flowering begins, avoid spray of insecticides as it hinder pollination by honey bees/insects.  Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesti over  Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 p at flowering stage is advised to check flower drop in orange.  AGROFORESTRY  Toko Palm  Sowing of seeds of toko palm in poly bags @ 1 seed for nursery  LIVESTOCKS  Livestock  Pigs All stages  Precautionary Practices to be followed  Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born pigle protect them from cold Vaccination as per the schedule with proper consult with vet.  Deworm at regular interval During scarcity of fodder provide hay/silage/feedbloc Disinfecting the animal/bird sheds with lime pow bleaching powder/ 4%NaOH at regular interval advocated Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8 - 10 weeks crosbreds and 10 weeks for indigeneous pigs.				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  Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment
(orange/banana/apple/peach) grown in steep slope prevent nutrient loss during heavy downpour.  • Follow proper drainage and earthing up practices in land/plain areas to avoid water stagnation in orchards  • If flowering begins, avoid spray of insecticides as it in hinder pollination by honey bees/insects.  • Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvestic over  • Remove all water sprouts from the base of the plant  • Spray growth regulator like NAA or GA3 @ 10-15 pat flowering stage is advised to check flower drop in orange.  **AGROFORETRY**  Toko Palm  • Sowing of seeds of toko palm in poly bags @ 1 seed for nursery  **LIVESTOCKS**  **Livestock**  **Stage**  * Disease**  * Precautionary Practices to be followed  • Pigs  * All stages*  • Provide concentrate feed and multi-vitamins  • Provide proper bedding materials for newly born pigle protect them from cold  • Vaccination as per the schedule with proper consult with vet.  • Deworm at regular interval  • During scarcity of fodder provide hay/silage/feedbloc  • Disinfecting the animal/bird sheds with lime pow bleaching powder/ 4%NaOH at regular interval advocated  • Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs.  • Swine fever vaccine at the age of 8 - 10 weeks.	Oraharda			
hinder pollination by honey bees/insects.  Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvestic over  Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 pat flowering stage is advised to check flower drop in orange.  AGROFORESTRY  Toko Palm Sowing of seeds of toko palm in poly bags @ 1 seed. for nursery  LIVESTOCKS  Livestock Pigs All stages Precautionary Practices to be followed  Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born pigle protect them from cold Vaccination as per the schedule with proper consult with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedbloc Disinfecting the animal/bird sheds with lime pow bleaching powder/ 4% NaOH at regular interval advocated Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 weeks	Orchards			<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>
Toko Palm  Sowing of seeds of toko palm in poly bags @ 1 seed for nursery  LIVESTOCKS  Livestock Stage Disease Precautionary Practices to be followed  Pigs All stages  Provide concentrate feed and multi-vitamins  Provide proper bedding materials for newly born pigle protect them from cold  Vaccination as per the schedule with proper consult with vet.  Deworm at regular interval  During scarcity of fodder provide hay/silage/feedbloc  Disinfecting the animal/bird sheds with lime pow bleaching powder/ 4%NaOH at regular interval advocated  Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs.  Swine fever vaccine at the age of 8- 10 weeks	Citrus	Flowering	A	<ul> <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> </ul>
Tivestock  Livestock  Pigs  All stages  Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born pigle protect them from cold Vaccination as per the schedule with proper consult with vet.  Deworm at regular interval During scarcity of fodder provide hay/silage/feedbloc Disinfecting the animal/bird sheds with lime pow bleaching powder/ 4%NaOH at regular interval advocated Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 weeks	Toko Palm		A	
Livestock       Stage       Disease       Precautionary Practices to be followed         Pigs       All stages       • Provide concentrate feed and multi-vitamins         • Provide proper bedding materials for newly born pigle protect them from cold       • Vaccination as per the schedule with proper consult with vet.         • Deworm at regular interval       • During scarcity of fodder provide hay/silage/feedbloc         • Disinfecting the animal/bird sheds with lime power bleaching powder/ 4% NaOH at regular interval advocated         • Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs.         • Swine fever vaccine at the age of 8-10 weeks	TORO I anni			
Pigs All stages  Provide concentrate feed and multi-vitamins Provide proper bedding materials for newly born pigle protect them from cold Vaccination as per the schedule with proper consult with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedbloc Disinfecting the animal/bird sheds with lime pow bleaching powder/ 4%NaOH at regular interval advocated Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8-10 weeks				LIVESTOCKS
<ul> <li>Provide proper bedding materials for newly born pigle protect them from cold</li> <li>Vaccination as per the schedule with proper consult with vet.</li> <li>Deworm at regular interval</li> <li>During scarcity of fodder provide hay/silage/feedbloc</li> <li>Disinfecting the animal/bird sheds with lime pow bleaching powder/ 4%NaOH at regular interval advocated</li> <li>Weaning is recommended at the age of 8 weeks crosbreds and 10 weeks for indigeneous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 weeks</li> </ul>	Livestock	Stage	Disease	Precautionary Practices to be followed
				<ul> <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> <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>
vet.  Inclusion of turmeric powder @ 10g/kg feed for preventic cocciodiosis.  Provide anti-coccidial drugs  Remove wet litter/provide artificial heating and light  Quarantine the newly procured birds for one month b introduction with old birds.	Poultry	All stages		<ul> <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</li> </ul>
Fishery • To avoid too much water turbidity use grass turfing	Fishery			To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen
Dog Canine • Vaccinate as per consultation with vet	Dog		Canine	Vaccinate as per consultation with vet

	Parvovirus		
Cattle	FMD	•	Vaccination is advocated

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)

(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 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: 30/2015-16/Tue

Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = (Roing): 384.3 mm	Moderate cloud cover with possibility of light to moderate rainfall in
	next 2-3 days. Max Temp=21°C and Min Temp=8°C, RH=31-86%,
	Wind Speed=6-8 kmph, Wind direction: E
Warning:	Heavy rainfall/thunderstorms are very likely in few isolated places on 14 <sup>th</sup> and 15 <sup>th</sup> April

# Weather Based Agro-meteorological Advisories Bulletin

- Right time for digging pond for construction of *Jalkunds*.
- 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	d poultry varie	ty 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
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.
	P		VEGETABES
Summer			Sowing of vegetables like okra/ladies finger and beans are not
Vegetables			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
			Make sure that proper leveling of the land and drainage
			is done to avoid water logging during pre-kharif rains for
			better crop establishment.
0.1.1	T		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
Citrus	Flowering		If flowering begins, avoid spray of insecticides as it may
			hinder 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
			<ul><li>over</li><li>Remove all water sprouts from the base of the plant</li></ul>
			<ul> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm</li> </ul>
			at flowering stage is advised to check flower drop in
			orange.
		A	GROFORESTRY
Toko Palm			Sowing of seeds of toko palm in poly bags @ 1 seed/bag
			for nursery  LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	Disease	Provide concentrate feed and multi-vitamins
1 153	7 III stages		<ul> <li>Provide concentrate feed and multi-vitainins</li> <li>Provide proper bedding materials for newly born piglets to</li> </ul>
			protect them from cold
			• Vaccination as per the schedule with proper consultation
			with vet.
			Deworm at regular interval  Description of find the approximation
			<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
			• Vaccination as per the schedule with proper consultation
			with vet.
			• Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
			<ul> <li>Provide anti-coccidial drugs</li> </ul>
			<ul> <li>Quarantine the newly procured birds for one month before</li> </ul>
			introduction with old birds.
			• Vaccination against Ranikhet disease under vet official
	i l		supervision is advised.
Fishery			To avoid too much water turbidity use grass turfing or

		horticultural crops at the embankment/dyke of the earthen fish pond
Dog	Canine	Vaccinate as per consultation with vet
	Parvovirus	•
Cattle	FMD	Vaccination is advocated

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)

(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 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: 30/2015-16/Tue Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = 0.0 mm	Partial cloud cover with possibility of light rainfall is forecasted for
	next 2-3 days. Max Temp=22°C and Min Temp=15°C, RH=49-94%,
	Wind Speed=2-7 kmph, Wind direction: WSW
Warning:	Heavy rainfall/thunderstorms are very likely on 14 <sup>th</sup> & 15 <sup>th</sup>
	April in few isolated places

#### Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- 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
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Pract	ices to be followed
	FIELD CROPS			
Cultural Practices			Avoid water stagnation in	the newly sown vegetable field
Rice	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.			
VEGETABLES				

Summer Vegetables  Orchards			<ul> <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 better crop establishment.</li> <li>FRUIT CROPS</li> <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</li> </ul>
Citrus	Flowering		<ul> <li>orchards</li> <li>If flowering begin, avoid spray of insecticides as it may hinder pollination by honey bees/insects.</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 orange.</li> </ul>
T 1 D 1	T	A	GROFORESTRY
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		<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> <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> <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			To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle		FMD	Vaccination is advocated
Contact Scien	ntists (ICAR) or s		f or KVK staff for measures against adverse conditions or call 3795-226237/226247

(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 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: 30/2015-16/Tue

Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall: 38.2 mm; T.Max: 28.1°C; T.Min:18.6°C; RH: 70-91 %	Moderate cloud cover with possibility of moderate/light rain is forecasted for next 2-3 days. Max Temp=26°C and Min Temp=18°C, RH=46-93%, Wind Speed=3-4 kmph, Wind direction: E
Warning:	Heavy rainfall/thunderstorms are very likely on 14 <sup>th</sup> & 15 <sup>th</sup> April

#### 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
- Right time for digging pond for construction of *Jalkunds*.
- 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 Practices			<ul><li>FIELD CROPS</li><li>Avoid water stagnation in the newly sown vegetable field</li></ul>
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.
			VEGETABLES
Summer Vegetables			<ul> <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 better crop establishment.</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>Avoid spray of insecticides if flowering begins</li> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer</li> </ul>
	*		On dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over  Processed by several transfer of the share of the share of the share and the share of the
			<ul> <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> </ul>
		Λ	GROFORESTRY
Toko Palm		.,	Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
	T = 1		LIVESTOCKS
Livestock	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> </ul>
			• Vaccination as per the schedule with proper consultation with vet.
			Deworm at regular interval      During acquaity of fooddor provide heavising a foodblooks
			<ul> <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> </ul>
			• Swine fever vaccine at the age of 8- 10 week is recommended.
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> <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			supervision is advised.
rishery			• To avoid too much water turbidity use grass turfing or

			horticultural crops at the embankment/dyke of the earthen
			fish pond.
Dog		Canine •	Vaccinate as per consultation with vet
	Pa	arvovirus	-
Cattle		FMD •	<ul> <li>Vaccination is advocated</li> </ul>

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(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Tawang** 

No: 30/2015-16/Tue

Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = 49.0 mm.	Moderate cloud cover with possibility of light to moderate rainfall in
	next 2-3 days. Max Temp=18°C and Min Temp=9°C, RH=30-75%,
	Wind Speed=6-10 kmph, Wind direction: ENE
Warning:	Heavy rainfall/thunderstorms are forecasted in few isolated
	places on 14 <sup>th</sup> & 15 <sup>th</sup> April

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
	FIELD CROPS				
Cultural Practices			Avoid water stagnation in the newly sown vegetable field		
Rice	Rice Nursery/trans plantation Stem borer plantation • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.				
VECETABLES					

**VEGETABLES** 

Summer Vegetables Orchards			<ul> <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 better crop establishment</li> <li>FRUIT CROPS</li> <li>Prepare half moon terraces in fruit crops (orange/banaga/apple/peach), grown in steep slopes to</li> </ul>
			<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> </ul>
Citrus	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> </ul>
Livestock	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> <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>Avoid rearing of Day-Old-Chicks</li> <li>Provide sufficient bedding materials to keep them warm</li> <li>Provide adequate clean drinking water+electrolyte</li> </ul>
			<ul> <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>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>

	Parvovirus		
Cattle	FMD	Vaccination is advocated	
Contact Scientists (ICAD) or State Agril Staff or VVV staff for management advance conditions or call			

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(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)





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

**District: Tirap** 

No: 30/2015-16/Tue Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016	
Rainfall = Deomali: 38.8 mm	Moderate cloud cover with possibility of light/moderate rainfall in	
	next 2-3 days. Max Temp=26°C and Min Temp=15°C, RH=45-95%,	
	Wind Speed=0-2 kmph, Wind direction: ESE	
Warning:	Heavy rainfall is forecasted on 14 <sup>th</sup> and 15 <sup>th</sup> April in few isolated	
	places	

### Weather Based Agro-meteorological Advisories Bulletin

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

Terrar and the second s		J ·			
Crop	Stage	Pest/Disease		<b>Precautionary Practices to be followed</b>	
FIELD CROPS					
Cultural Practices			•	Avoid water stagnation in the newly sown vegetable field	
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.	
VECETARI ES					

Summer Vegetables  Pea/Cauliflow er/Cabbage	Vegetative	Leaf eating insects	<ul> <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 better crop establishment.</li> <li>On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea &amp; other vegetables is advocated</li> </ul>
Potato	Harvesting	Ants	<ul> <li>Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.</li> <li>Store potatoes in a cool, well ventilated place</li> <li>Don't wash potatoes before storing as dampness promotes</li> </ul>
			early spoilage.
	I •		FRUIT CROPS
Citrus	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 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> </ul>
Banana			Timely/regular removal of extra suckers, dry leaves & pseudo-steam
			Y WINDOWS CAND
T issasta als	Ctors	Diagona	LIVESTOCKS  Dracoution over Dractices to be followed
Livestock	Stage All stages	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>
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>Quarantine the newly procured birds for one month before</li> </ul>
			<ul><li>introduction with old birds.</li><li>Vaccination against Ranikhet disease under vet official</li></ul>
Fishery			introduction with old birds.
Fishery		Canine Parvovirus	<ul> <li>introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500</li> </ul>

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(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 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: 30/2015-16/Fri

Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = NA	Partial cloud cover with possibility of light to rainfall in next 2-3
	days. Max Temp=25°C and Min Temp=15°C, RH=34-83%, Wind
	Speed=4-7 kmph, Wind direction: SSE
Warning:	Heavy rainfall/thunderstorms are forecasted during 14 <sup>th</sup> and 15 <sup>th</sup> April

### 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
- 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

• ICAR	Basar recommend	d poultry varie	ty 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.
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.
			VEGETABLES
Summer Vegetables			<ul> <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 better crop establishment.</li> </ul>
	T		FRUIT CROPS
Orchards	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 use of insecticides</li> </ul>
			<ul> <li>Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer</li> <li>On 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 on clear day using stickers</li> <li>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
Apple /Kiwi			<ul> <li>Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen</li> <li>Fertilizers should be applied a foot away from the base of the plants</li> <li>Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk</li> </ul>
		Δ	GROFORESTRY
Toko Palm			Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			LIVESTOCKS
Livestock	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> <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			To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond
Dog		Canine Parvovirus	Vaccinate as per consultation with vet
Cattle		FMD	Vaccination is advocated
<b>Contact Scien</b>	tists (ICAR) or	State Agril Staff	f or KVK staff for measures against adverse conditions or call

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at 03795-226237/226247

Agrometeorological Field Unit ICAR, BASAR

(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 2016)



### GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)



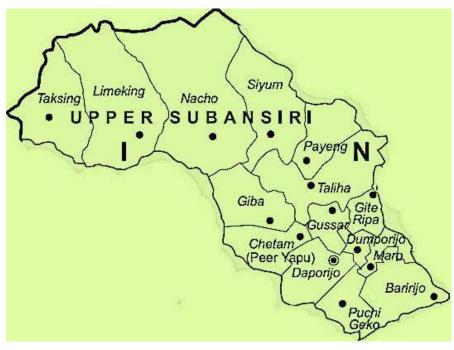


ICAR Research Complex for NEH Region Arunachal Pradesh Centre, Basar-791101

**District: Upper Subansiri** 

No: 30/2015-16/Tue

Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = 25.0 mm (Puchi Geko); Daporijo:	Partial cloud cover with possibility of light rainfall. Max
35.5 mm	Temp=26°C and Min Temp=14°C, RH=49-92%, Wind Speed=3-6
	kmph, Wind direction: WNW

#### 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.
- 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
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

			-	
Crop	Stage	Pest/Disease		<b>Precautionary Practices to be followed</b>
FIELD CROPS				
Cultural • Avoid water stagnation in the newly sown vegetable field				
Practices				

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.
	_		VEGETABLES
Summer Vegetables			<ul> <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 better crop establishment.</li> </ul> FRUIT CROPS
Orchards			• Prepare half moon terraces in fruit crops
			<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> </ul>
Citrus	Flowering		Avoid spray of insecticides if flowering begins  Of the latest and the second spray of the second spr
			<ul> <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> </ul>
			LIVESTOCKS
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages  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> <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> </ul>
			<ul> <li>Quarantine the newly procured birds for one month before</li> </ul>
Fishery			<ul> <li>introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen</li> </ul>
Fishery		Canine	<ul> <li>introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>To avoid too much water turbidity use grass turfing or</li> </ul>
		Canine Parvovirus FMD	<ul> <li>introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> <li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li> </ul>

# 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

(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 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: 30/2015-16/Tue Dated: 12th April, 2016



Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = Bomdila: NA; Bhalukpong: NA	Partial cloud cover with possibility of light rainfall in few isolated
	places. Max Temp=25°C and Min Temp=10°C, RH=39-84%, Wind
	Speed=4-8 kmph, Wind direction: ENE
Warning:	Non

### 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
- 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

• ICAR B	asar recomme	nd poultry variety	y VANARAJA for backyard rearing
Crop	Stage	Pest/Disease	<b>Precautionary Practices to be followed</b>

			FIELD CROsPS
Cultural Practices			Avoid water stagnation in the newly sown vegetable field
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.
	1		VEGETABLES
Summer Vegetables			<ul> <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>
			better crop establishment.
			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>Avoid spray of insecticides if flowering begins 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</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> </ul>
			LIVESTOCKS
Livestock	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> <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>Avoid rearing of Day-Old-Chicks</li> <li>Provide sufficient bedding materials to keep them warm</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>Need based spray of Carbendazim 50WP @ 1g/lit or</li> </ul>

		Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew	V
		• Vaccination against Ranikhet disease under vet office	cial
		supervision is advised.	
Fishery		• To avoid too much water turbidity use grass turfing	or
		horticultural crops at the embankment/dyke of the earth	hen
		fish pond	
Dog	Canine	Vaccinate as per consultation with vet	
	Parvovir	8	
Cattle	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

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Agrometeorological Field Unit ICAR, BASAR

(Period: 12<sup>th</sup> to 15<sup>th</sup> April, 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: 30/2015-16/Tue

Dated: 12th April, 2016



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

Weather summery of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = 24.8 mm. T. Max: 26.7°C, T.Min:	Partial cloud cover with possibility of light rainfall in next 2-3 days.
16.4°C, RH: 63-94%, Wind Speed: 3-6	Max Temp=24°C and Min Temp=17°C, RH=52-90%, Wind
kmps, Wind Direction: NE	Speed=2-4 kmph, Wind direction: WNW
Warning:	Heavy rainfall/thunderstorms are very likely in few isolated places on 14 <sup>th</sup> & 15 <sup>th</sup> April

### Weather Based Agro-meteorological Advisories Bulletin

### **General Recommendations**

- Right time for digging pond for construction of Jalkunds.
- 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
	_	l	FIELD CROPS
Cultural Practices			Avoid water stagnation in the newly sown vegetable field
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.
	plantation		VEGETABLES
Summer Vegetables			<ul> <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 better crop establishment.</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	Powdery Mildew	<ul> <li>Avoid using insecticide if flowering begins as it may hinder pollination by honey bees and 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>Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.</li> </ul>
		A	GROFORESTRY
Toko Palm			Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			LIVESTOCKS
Livestock	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> <li>Deworm at regular interval</li> </ul>
			<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		<ul> <li>Provide adequate clean drinking water+electrolyte</li> <li>Vaccination as per the schedule with proper consultation</li> </ul>

		<ul> <li>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		• To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond
Dog	Canine Parvovirus	Vaccinate as per consultation with vet
Cattle	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		

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