

# Agro-met Advisory Bulletin

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



## GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)

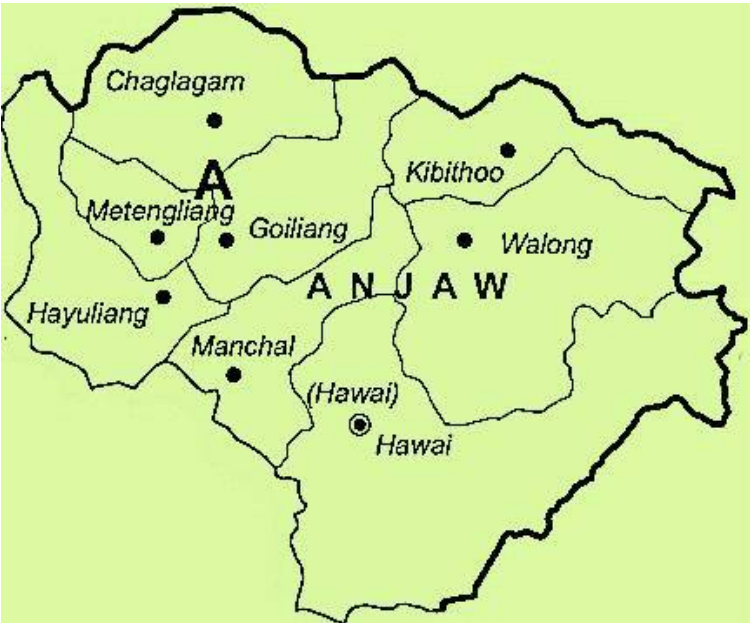


ICAR Research Complex for NEH Region  
Arunachal Pradesh Centre, Basar-791101

### District: Anjaw

No: 30/2015-16/Tue

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






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
<b>Warning:</b>	Heavy rainfall/thunderstorms are very likely on 14 <sup>th</sup> & 15 <sup>th</sup> April

### Weather Based Agro-meteorological Advisories Bulletin

#### General Recommendations

<ul style="list-style-type: none"><li>• Right time for digging pond for construction of <i>Jalkunds</i>.</li><li>• Spraying operation should be done only on dry/clear weather</li><li>• Go for low cost polyhouses for year round cultivation of vegetables</li><li>• Obtain seeds from reputed/certified/reliable source</li><li>• Use fertilizers/pesticides as per recommended doses for the location</li><li>• Preference must be given on use of organic manures/bio-fertilizers &amp; bio-pesticides</li><li>• ICAR Basar recommend poultry variety VANARAJA for backyard rearing</li></ul>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"><li>• Avoid water stagnation in the newly sown vegetable field</li></ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"><li>• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>

VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"><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 style="list-style-type: none"><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 style="list-style-type: none"><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 Difenconazole 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>
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"><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 style="list-style-type: none"><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 crossbreeds and 10 weeks for indigenous pigs.</li><li>• Swine fever vaccine at the age of 8- 10 week is recommended.</li></ul>
Poultry	All stages 		<ul style="list-style-type: none"><li>• Provide sufficient bedding materials to keep them warm</li><li>• Provide adequate clean drinking water+electrolyte and multi-vitamins</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 coccidiosis.</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 style="list-style-type: none"><li>• To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li></ul>

Dog		Canine Parvovirus	• Vaccinate as per consultation with vet
Cattle		FMD	• Vaccination is advocated against FMD
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			

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

Agrometeorological Field Unit  
ICAR. BASAR

# Agro-met Advisory Bulletin

(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: Changlang

No: 30/2015-16/Tue

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



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




Weather summary 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

#### General Recommendations

- 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			<ul style="list-style-type: none"><li>• Avoid water stagnation in the newly sown vegetable field</li></ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"><li>• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>

VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> <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 better crop establishment.</li> </ul>
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 Difenconazole 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>
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages 		<ul style="list-style-type: none"> <li>Provide adequate clean drinking water+electrolyte and multi-vitamins</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 coccidiosis.</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 style="list-style-type: none"><li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li></ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"><li>Vaccinate as per consultation with vet</li></ul>
Cattle		FMD	<ul style="list-style-type: none"><li>Vaccination is advocated against FMD</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			

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Agrometeorological Field Unit  
ICAR, BASAR



# Agro-met Advisory Bulletin

(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: 12<sup>th</sup> 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

#### 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 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
<b>FIELD CROPS</b>			
Cultural Practices			<ul style="list-style-type: none"> <li>Avoid water stagnation in the newly sown vegetable field</li> </ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> <li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li> </ul>
<b>VEGETABLES</b>			
Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 Difenconazole 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>
<b>AGROFORESTRY</b>			
Toko Palm			<ul style="list-style-type: none"> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages 		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages 		<ul style="list-style-type: none"> <li>Provide adequate clean drinking water+electrolyte</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.</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 style="list-style-type: none"> <li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li> </ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"> <li>Vaccinate as per consultation with vet</li> </ul>
Cattle		FMD	<ul style="list-style-type: none"> <li>Vaccination is advocated</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**

# Agro-met Advisory Bulletin

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



## GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)

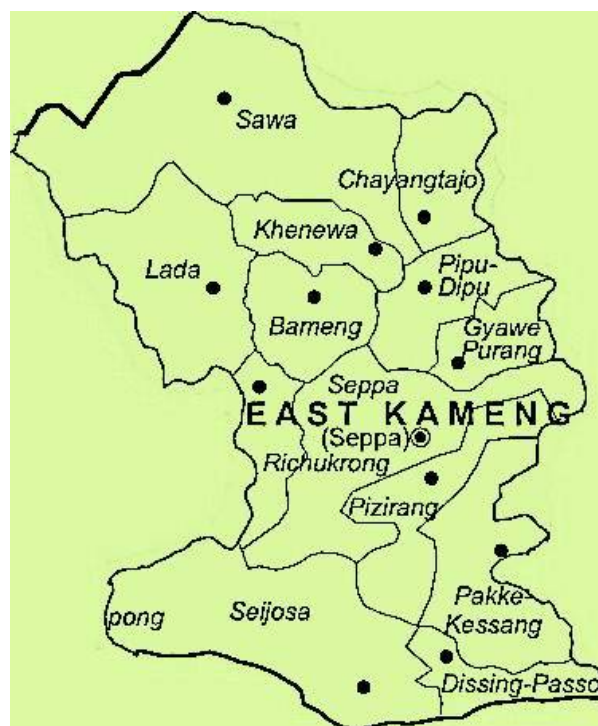


ICAR Research Complex for NEH Region  
Arunachal Pradesh Centre, Basar-791101

### District: East Kameng

**No: 30/2015-16/Tue**

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





Weather summary 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
<b>Warning:</b>	<b>Heavy rainfall/thunderstorms is forecasted on 14<sup>th</sup> &amp; 15<sup>th</sup> in few isolated places</b>

### 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
<b>FIELD CROPS</b>			
Cultural Practices			<ul style="list-style-type: none"> <li>Avoid water stagnation in the newly sown vegetable field</li> </ul>
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> <li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li> </ul>
<b>VEGETABLES</b>			
Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 Difenconazole 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>
<b>AGROFORESTRY</b>			
Toko Palm			<ul style="list-style-type: none"> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages 		<ul style="list-style-type: none"> <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 coccidiosis.</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 style="list-style-type: none"><li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li></ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"><li>Vaccinate as per consultation with vet</li></ul>
Cattle		FMD	<ul style="list-style-type: none"><li>Vaccination is advocated</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			

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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

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





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: 18.3°C; RH: 62-100%	Moderate cloud cover with possibility of light to moderate rainfall in 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

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Cultural Practices			<ul style="list-style-type: none"> <li>Avoid water stagnation in the newly sown vegetable field</li> </ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> <li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li> </ul>
<b>VEGETABLES</b>			
Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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>
<b>AGROFORESTRY</b>			
Toko Palm			<ul style="list-style-type: none"> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul style="list-style-type: none"> <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 coccidiosis.</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 supervision is advised.</li> </ul>



Fishery			<ul style="list-style-type: none"><li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li></ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"><li>Vaccinate as per consultation with vet</li></ul>
Cattle		FMD	<ul style="list-style-type: none"><li>Vaccination is advocated</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			

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Contact: - [IAAS.BASAR@gmail.com](mailto:IAAS.BASAR@gmail.com), Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit  
ICAR, BASAR

# Agro-met Advisory Bulletin

(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: Kurung Kumey**

**No: 30/2015-16/Tue**

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



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



Weather summary 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

#### General Recommendations

- **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 Practices			<ul style="list-style-type: none"><li>• Avoid water stagnation in the newly sown vegetable field</li></ul>
Rice	Nursery/trans	Stem borer	<ul style="list-style-type: none"><li>• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in</li></ul>

	plantation		rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"><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 style="list-style-type: none"><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 style="list-style-type: none"><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 mould 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>
AGROFORESTRY			
Toko Palm	Nursery		<ul style="list-style-type: none"><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 style="list-style-type: none"><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 crossbreds and 10 weeks for indigenous pigs.</li><li>Swine fever vaccine at the age of 8- 10 week is recommended.</li></ul>
Poultry	All stages 		<ul style="list-style-type: none"><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 coccidiosis.</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 style="list-style-type: none"><li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li></ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"><li>Vaccinate as per consultation with vet</li></ul>
Cattle		FMD	<ul style="list-style-type: none"><li>Vaccination is advocated</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**

# Agro-met Advisory Bulletin

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



## GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)

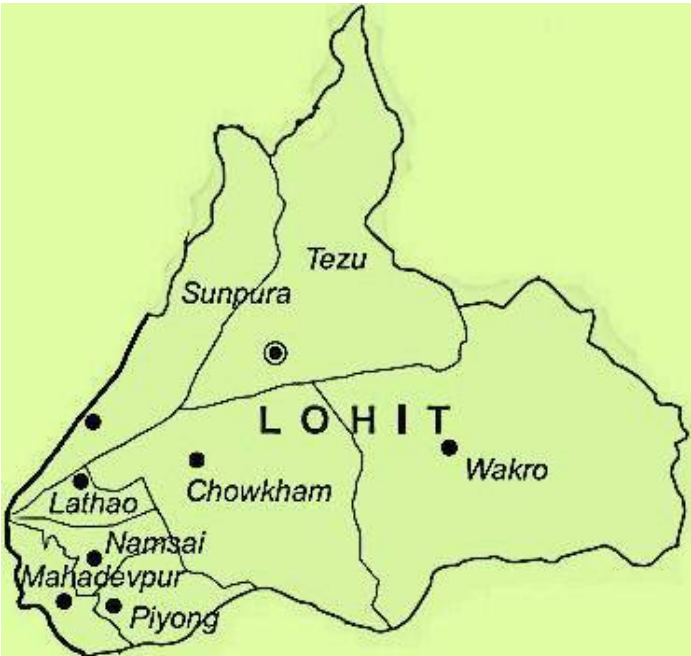


ICAR Research Complex for NEH Region  
Arunachal Pradesh Centre, Basar-791101

### District: Lohit

No: 30/2015-16/Tue

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





Weather summary 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

#### General Recommendations

- 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			<ul style="list-style-type: none"><li>• Avoid water stagnation in the newly sown vegetable field</li></ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"><li>• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>

VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 style="list-style-type: none"> <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> </ul>
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul style="list-style-type: none"> <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 coccidiosis.</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 style="list-style-type: none"> <li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li> </ul>
Dog		Canine	<ul style="list-style-type: none"> <li>Vaccinate as per consultation with vet</li> </ul>



		Parvovirus	
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

# Agro-met Advisory Bulletin

(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: 12<sup>th</sup> 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

#### 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
- 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
<b>FIELD CROPS</b>			
Cultural Practices			<ul style="list-style-type: none"> <li>• Avoid water stagnation in the newly sown vegetable field</li> </ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> <li>• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li> </ul>
<b>VEGETABLES</b>			
Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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> </ul>
<b>AGROFORESTRY</b>			
Toko Palm			<ul style="list-style-type: none"> <li>• Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>• Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages 		<ul style="list-style-type: none"> <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 coccidiosis.</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 style="list-style-type: none"> <li>• To avoid too much water turbidity use grass turfing or</li> </ul>

			horticultural crops at the embankment/dyke of the earthen fish pond
Dog		Canine Parvovirus	<ul style="list-style-type: none"><li>• Vaccinate as per consultation with vet</li></ul>
Cattle		FMD	<ul style="list-style-type: none"><li>• Vaccination is advocated</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

# Agro-met Advisory Bulletin

(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: 12<sup>th</sup> 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

<ul style="list-style-type: none"><li>Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li><li>Right time for digging pond for construction of <i>Jalkunds</i></li><li>Spraying operation should be done only on dry/clear weather</li><li>Go for low cost polyhouses for year round cultivation of vegetables</li><li>Obtain seeds from reputed/certified/reliable source</li><li>Use fertilizers/pesticides as per recommended doses for the location</li><li>Preference must be given on use of organic manures/bio-fertilizers &amp; bio-pesticides</li><li>ICAR Basar recommend poultry variety VANARAJA for backyard rearing</li></ul>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"><li>Avoid water stagnation in the newly sown vegetable field</li></ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"><li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>
VEGETABLES			

Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 Difenconazole 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>
<b>AGROFORESTRY</b>			
Toko Palm			<ul style="list-style-type: none"> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended</li> </ul>
Poultry	All stages 		<ul style="list-style-type: none"> <li>Provide adequate clean drinking water+electrolyte</li> <li>Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.</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 style="list-style-type: none"> <li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li> </ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"> <li>Vaccinate as per consultation with vet</li> </ul>
Cattle		FMD	<ul style="list-style-type: none"> <li>Vaccination is advocated</li> </ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			



**Agrometeorological Field Unit**  
**ICAR, BASAR**

# Agro-met Advisory Bulletin

(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: 12<sup>th</sup> 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

#### General Recommendations

- 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
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"><li>Avoid water stagnation in the newly sown vegetable field</li></ul>
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"><li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"><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 style="list-style-type: none"><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 style="list-style-type: none"><li>Avoid spray of insecticides if flowering begins</li><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</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>
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"><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 style="list-style-type: none"><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 crossbreeds and 10 weeks for indigenous pigs.</li><li>Swine fever vaccine at the age of 8- 10 week is recommended.</li></ul>
Poultry	All stages 		<ul style="list-style-type: none"><li>Provide adequate clean drinking water+electrolyte</li><li>Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.</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 style="list-style-type: none"><li>To avoid too much water turbidity use grass turfing or</li></ul>

			horticultural crops at the embankment/dyke of the earthen fish pond.
Dog		Canine Parvovirus	<ul style="list-style-type: none"><li>• Vaccinate as per consultation with vet</li></ul>
Cattle		FMD	<ul style="list-style-type: none"><li>• Vaccination is advocated</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			

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**Agrometeorological Field Unit  
ICAR, BASAR**

# Agro-met Advisory Bulletin

(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: 12<sup>th</sup> 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

<ul style="list-style-type: none"><li>Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li><li>Right time for digging pond for construction of <i>Jalkunds</i>.</li><li>All spraying operation should be done only on dry/clear weather</li><li>Go for low cost polyhouses for year round cultivation of vegetables</li><li>Obtain seeds from reputed/certified/reliable source</li><li>Use fertilizers/pesticides as per recommended doses for the location</li><li>Preference must be given on use of organic manures/bio-fertilizers &amp; bio-pesticides</li><li>ICAR Basar recommend poultry variety VANARAJA for backyard rearing</li></ul>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"><li>Avoid water stagnation in the newly sown vegetable field</li></ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"><li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>
VEGETABLES			

Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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>
<b>LIVESTOCKS</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>Precautionary Practices to be followed</b>
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended</li> </ul>
Poultry	All stages 		<ul style="list-style-type: none"> <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 coccidiosis.</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 style="list-style-type: none"> <li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li> </ul>
Dog		Canine	<ul style="list-style-type: none"> <li>Vaccinate as per consultation with vet</li> </ul>



		Parvovirus	
Cattle		FMD	• Vaccination is advocated
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Agrometeorological Field Unit  
ICAR, BASAR

# Agro-met Advisory Bulletin

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



Weather summary 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

<ul style="list-style-type: none"><li>Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li><li>Right time for digging pond for construction of <i>Jalkunds</i>.</li><li>Go for low cost polyhouses for year round cultivation of vegetables</li><li>Obtain seeds from reputed/certified/reliable source</li><li>Use fertilizers/pesticides as per recommended doses for the location</li><li>Preference must be given on use of organic manures/bio-fertilizers &amp; bio-pesticides</li><li>ICAR Basar recommend poultry variety VANARAJA for backyard rearing</li></ul>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"><li>Avoid water stagnation in the newly sown vegetable field</li></ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"><li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li></ul>
VEGETABLES			

Summer Vegetables			<ul style="list-style-type: none"> <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 transplanted 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>
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 early spoilage.</li> </ul>
FRUIT CROPS			
Citrus	Flowering 		<ul style="list-style-type: none"> <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 Imagailil 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			<ul style="list-style-type: none"> <li>Timely/regular removal of extra suckers, dry leaves &amp; pseudo-stem</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 introduction with old birds.</li> <li>Vaccination against Ranikhet disease under vet official supervision is advised.</li> </ul>
Fishery			<ul style="list-style-type: none"> <li>Right time for new pond excavation/old pond renovation.</li> <li>Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.</li> </ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"> <li>Vaccinate as per consultation with vet</li> </ul>
Cattle		FMD	<ul style="list-style-type: none"> <li>Vaccination is advocated</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**

# Agro-met Advisory Bulletin

(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: 12<sup>th</sup> 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

<ul style="list-style-type: none"> <li>ICAR Basar recommend poultry variety <b>VANARAJA</b> for backyard rearing</li> </ul>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
<b>FIELD CROPS</b>			
Cultural Practices			<ul style="list-style-type: none"> <li>Avoid water stagnation in the newly sown vegetable field.</li> </ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> <li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li> </ul>
<b>VEGETABLES</b>			
Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <li>If flowering begins, avoid use of insecticides</li> <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 style="list-style-type: none"> <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> <li></li> </ul>
<b>AGROFORESTRY</b>			
Toko Palm			<ul style="list-style-type: none"> <li>Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>



Poultry	All stages		<ul style="list-style-type: none"><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 coccidiosis.</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 style="list-style-type: none"><li>• To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li></ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"><li>• Vaccinate as per consultation with vet</li></ul>
Cattle		FMD	<ul style="list-style-type: none"><li>• Vaccination is advocated</li></ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			

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Agrometeorological Field Unit  
ICAR, BASAR

# Agro-met Advisory Bulletin

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



## GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)

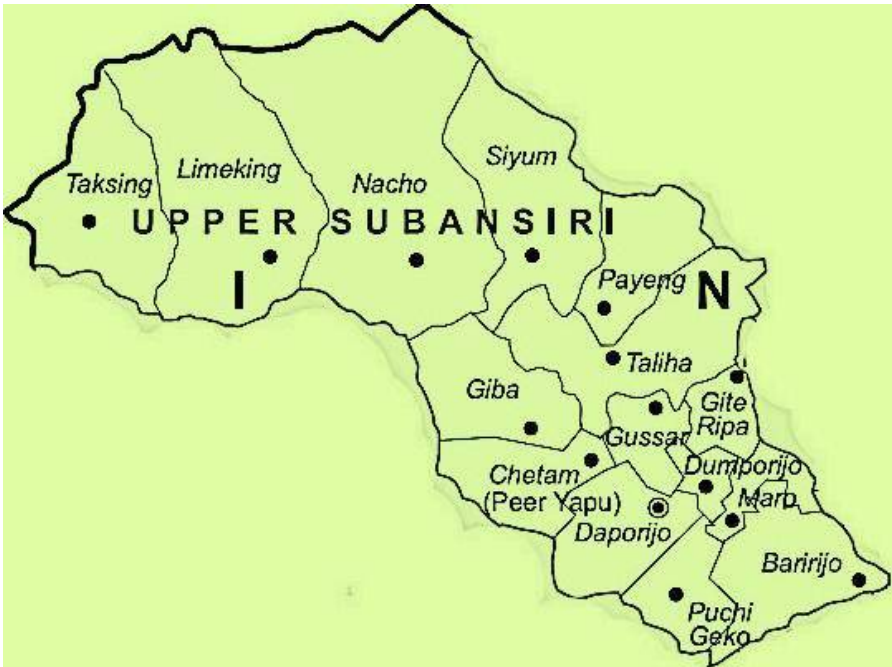


ICAR Research Complex for NEH Region  
Arunachal Pradesh Centre, Basar-791101

### District: Upper Subansiri

No: 30/2015-16/Tue



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



Weather summary of the previous week	Weather forecast valid up to 15 <sup>th</sup> April, 2016
Rainfall = 25.0 mm (Puchi Geko); Daporijo: 35.5 mm	Partial cloud cover with possibility of light rainfall. Max 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

<ul style="list-style-type: none"><li>Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated</li><li>Avoid spray of insecticides during flowering stage as it may hinder pollination by honey bees and other insects.</li><li>Right time for digging pond for construction of <i>Jalkunds</i>.</li><li>Spraying operation should be done only on dry/clear weather</li><li>Go for low cost polyhouses for year round cultivation of vegetables</li><li>Obtain seeds from reputed/certified/reliable source</li><li>Use fertilizers/pesticides as per recommended doses for the location</li><li>Preference must be given on use of organic manures/bio-fertilizers &amp; bio-pesticides</li><li>ICAR Basar recommend poultry variety VANARAJA for backyard rearing</li></ul>			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"><li>Avoid water stagnation in the newly sown vegetable field</li></ul>

Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> <li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li> </ul>
<b>VEGETABLES</b>			
Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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> </ul>
<b>LIVESTOCKS</b>			
<b>Livestock</b>	<b>Stage</b>	<b>Disease</b>	<b>Precautionary Practices to be followed</b>
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul style="list-style-type: none"> <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 coccidiosis.</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 style="list-style-type: none"> <li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li> </ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"> <li>Vaccinate as per consultation with vet</li> </ul>
Cattle		FMD	<ul style="list-style-type: none"> <li>Vaccination is advocated</li> </ul>

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**Agrometeorological Field Unit  
ICAR, BASAR**

# Agro-met Advisory Bulletin

(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: 12<sup>th</sup> 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 Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
------	-------	--------------	--

FIELD CROsPS			
Cultural Practices			<ul style="list-style-type: none"> <li>Avoid water stagnation in the newly sown vegetable field</li> </ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> <li>Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li> </ul>
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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 style="list-style-type: none"> <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 mould 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 Difenconazole 5EC @ 0.5 ml/lit against powdery mildew</li> </ul>
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreeds and 10 weeks for indigenous pigs.</li> <li>Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul style="list-style-type: none"> <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 coccidiosis.</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 <ul style="list-style-type: none"><li>Vaccination against Ranikhet disease under vet official supervision is advised.</li></ul>
Fishery			<ul style="list-style-type: none"><li>To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li></ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"><li>Vaccinate as per consultation with vet</li></ul>
Cattle		FMD	<ul style="list-style-type: none"><li>Vaccination is advocated</li></ul>
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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

Agrometeorological Field Unit  
ICAR, BASAR

# Agro-met Advisory Bulletin

(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: 12<sup>th</sup> 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: 16.4°C, RH: 63-94%, Wind Speed: 3-6 kmps, Wind Direction: NE	Partial cloud cover with possibility of light rainfall in next 2-3 days. Max Temp=24°C and Min Temp=17°C, RH=52-90%, Wind Speed=2-4 kmph, Wind direction: WNW
<b>Warning:</b>	<b>Heavy rainfall/thunderstorms are very likely in few isolated places on 14<sup>th</sup> &amp; 15<sup>th</sup> April</b>


### 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
<b>FIELD CROPS</b>			
Cultural Practices			<ul style="list-style-type: none"> <li>• Avoid water stagnation in the newly sown vegetable field</li> </ul>
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> <li>• Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.</li> </ul>
<b>VEGETABLES</b>			
Summer Vegetables			<ul style="list-style-type: none"> <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>
<b>FRUIT CROPS</b>			
Orchards			<ul style="list-style-type: none"> <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 style="list-style-type: none"> <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>
<b>AGROFORESTRY</b>			
Toko Palm			<ul style="list-style-type: none"> <li>• Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery</li> </ul>
<b>LIVESTOCKS</b>			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> <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 crossbreds and 10 weeks for indigenous pigs.</li> <li>• Swine fever vaccine at the age of 8- 10 week is recommended.</li> </ul>
Poultry	All stages		<ul style="list-style-type: none"> <li>• Provide adequate clean drinking water+electrolyte</li> <li>• Vaccination as per the schedule with proper consultation</li> </ul>

			<p>with vet.</p> <ul style="list-style-type: none"> <li>• Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.</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 style="list-style-type: none"> <li>• To avoid too much water turbidity use grass turfing or horticultural crops at the embankment/dyke of the earthen fish pond</li> </ul>
Dog		Canine Parvovirus	<ul style="list-style-type: none"> <li>• Vaccinate as per consultation with vet</li> </ul>
Cattle		FMD	<ul style="list-style-type: none"> <li>• Vaccination is advocated</li> </ul>
<b>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</b>			

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