

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 2016)



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



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

District: Changlang

No: 44/2015-16/Tue

Dated: 31st May, 2016



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

Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = Changlang: NA. Miao: NA	Mostly cloudy sky with possibility of light/moderate rainfall. Max Temp=26°C and Min Temp=15°C, RH=51-93%, Wind Speed=2-4 kmph, Wind direction: SSE
Warning	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> • Go for manual weeding during sunny days
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.

Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbandazim/Mancozab@2gm/lit to control fungal diseases. Get seeds/planting materials of preferred or recommended varieties from right sources
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering 	Powdery Mildew 	<ul style="list-style-type: none"> Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer Need based foliar spray of Difenconazole 5EC @ 0.5 ml/lit against powdery mildew Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigeneous pigs.
Poultry	All stages 		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Provide anti-coccidial drugs Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. Quarantine the newly procured birds for one month before introduction with old birds.

			<ul style="list-style-type: none"> • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • 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: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 2016)



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

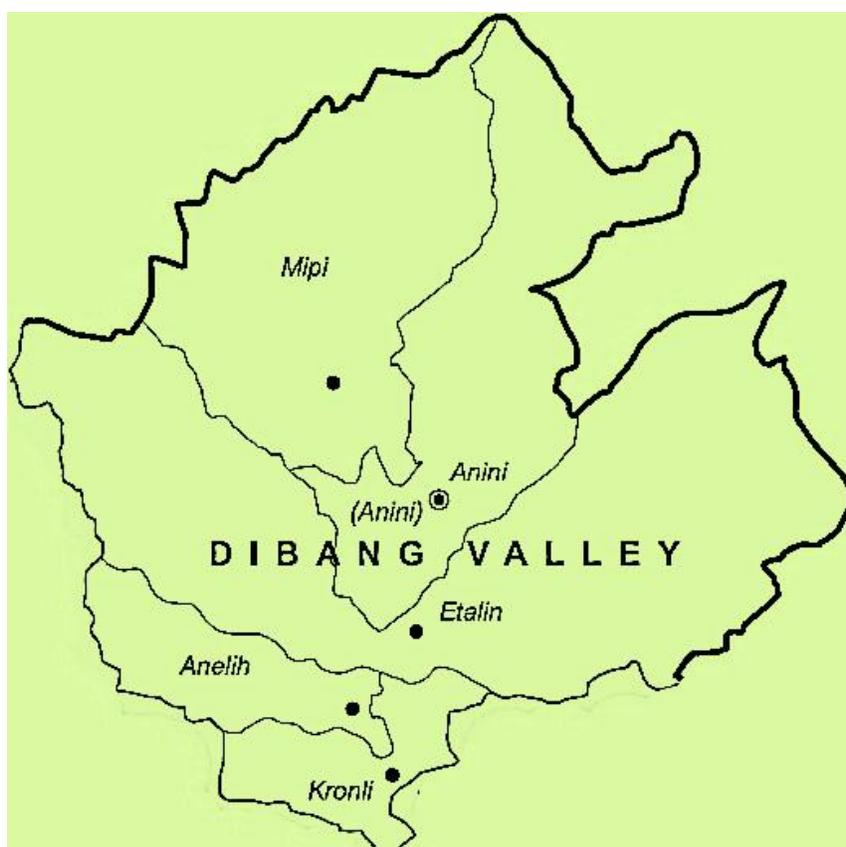


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Dibang Valley

No: 44/2015-16/Tue

Dated: 31st May, 2016



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

Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = Anini: NA	Mostly cloudy sky with light/moderate rainfall. Max Temp=23°C and Min Temp=13°C, RH=38-93%, Wind Speed=2-5 kmph, Wind direction: E
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Go for 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			
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering		<ul style="list-style-type: none"> Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Remove all water sprouts from the base of the plant Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
All trees			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
Toko Palm			<ul style="list-style-type: none"> 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 style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.

			<ul style="list-style-type: none"> • Quarantine the newly procured birds for one month before introduction with old birds • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • 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**

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(Period: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = NA (Seppa)	Mostly cloudy sky with light/moderate rainfall. Max Temp=23°C and Min Temp=14°C, RH=51-94%, Wind Speed=3-5 kmph, Wind direction: WNW
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Go for manual weeding during sunny days
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 		<ul style="list-style-type: none"> If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees or other insects Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew. Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. On sunny weather, foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet.

			<ul style="list-style-type: none"> • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. •
Poultry	All stages 		<ul style="list-style-type: none"> • 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 coccidiosis. • Provide anti-coccidial drugs • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • 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**

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(Period: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



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

Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall: NA; T. Max: NA; T. Min: NA; RH: NA	Mostly cloudy weather is forecasted with light/moderate rainfall in some places. Max Temp=28°C and Min Temp=17°C, RH=48-92%, Wind Speed=2-3 kmph, Wind direction: E
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> • Avoid water stagnation in the newly sown vegetable field • Incorporation of left-over residue/stovers is highly recommended during ploughing for cultivation of pre-

			<p>kharif crops.</p> <ul style="list-style-type: none"> Go for 1 manual weeding during sunny days
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering 		<ul style="list-style-type: none"> Avoid spray of insecticide if flowering begin as it may hinder pollination by honey bees and other insects. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Remove all water sprouts from the base of the plant Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew. On sunny days, spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte

			<ul style="list-style-type: none"> • Vaccination as per the schedule with proper consultation with vet. • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • 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.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • Vaccination is advocated • Deworming with anthelmintic drugs like oxclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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**Agrometeorological Field Unit
ICAR, BASAR**

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(Period: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



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

Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = NA	Cloudy sky with light rainfall. Max Temp=24°C and Min Temp=15°C, RH=42-90%, Wind Speed=3-8 kmph, Wind direction: W
Warning	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> • Incorporation of left-over residue/stovers is highly recommended during ploughing for cultivation of pre-kharif crops.

			<ul style="list-style-type: none"> Go for manual weeding .
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 		<ul style="list-style-type: none"> Avoid spray of insecticides during flowering as it may hinder pollination by honey bees/other insects Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over During dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mould in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant. Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm	Nursery		<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Weaning is recommended at the age of 8 weeks for crossbreds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 week is

			recommended.
Poultry	All stages 		<ul style="list-style-type: none"> • 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 coccidiosis. • Provide anti-coccidial drugs • Remove wet litter/provide artificial heating and light • Quarantine the newly procured birds for one month before introduction with old birds.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • Vaccination is advocated • Deworming with antihelmintic drugs like oxclozanide or pyrantel
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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**Agrometeorological Field Unit
ICAR, BASAR**

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(Period: 31st May to 3rd June, 2016)



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



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

District: Lohit

No: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = NA (Tezu)	Mostly cloudy sky with possibility of light/moderate rainfall. Max Temp=26°C and Min Temp=20°C, RH=45-93%, Wind Speed=3-4 kmph, Wind direction: E
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> • Go for manual weeding during sunny days
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> • Foliar spray of carbandazim/Mancozab@2gm/lit • Manual weeding in greengram/blackgram
Rice	Nursery/trans	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in

	plantation		rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
Tomato		Phytophthora Blight	<ul style="list-style-type: none"> Need-based foliar spray of Mancozeb-75WP @ 2.5g/L or Mancozeb-64WP + Metalexyl-8% WP @ 2g/L.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering 		<ul style="list-style-type: none"> 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 over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigenous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet.

			<ul style="list-style-type: none"> • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Remove wet litter/provide artificial heating and light • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • Vaccination is advocated • Deworming with antihelminthic drugs like oxclozanide or pyrantel
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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

**Agrometeorological Field Unit
ICAR, BASAR**

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = (Roing): NA	Mostly cloudy sky with possibility of very light/moderate rainfall in some places. Max Temp=26°C and Min Temp=16°C, RH=42-91%, Wind Speed=2-5 kmph, Wind direction: NE
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Avoid water stagnation in the newly sown vegetable field Go for 1 manual weeding during sunny days
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
VEGETABES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering		<ul style="list-style-type: none"> 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 over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. On sunny weather, Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits..
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation

			<p>with vet.</p> <ul style="list-style-type: none"> • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • Vaccination is advocated • Deworming with antihelminthic drugs like oxclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

Issued jointly by ICAR-RC for NEH Region, Arunachal Pradesh Centre, Basar and India Meteorological Department
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**Agrometeorological Field Unit
ICAR, BASAR**

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = NA (Ziro)	Mostly cloudy weather is forecasted with possibility of light/moderate rainfall in some places. Max Temp=24°C and Min Temp=15°C, RH=63-95%, Wind Speed=2-6 kmph, Wind direction: WSW
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> • Go for 1 manual weeding during sunny days
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> • Foliar spray of carbandazim/Mancozab@2gm/lit • Manual weeding in greengram/blackgram
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			

Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering		<ul style="list-style-type: none"> Remove all water sprouts from the base of the plant Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew. Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 week is recommended
Poultry	All stages 		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. Provide anti-coccidial drugs Quarantine the newly procured birds for one month before introduction with old birds. Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine	<ul style="list-style-type: none"> Vaccinate as per consultation with vet

		Parvovirus	
Cattle/Mithun		FMD	<ul style="list-style-type: none">• Vaccination is advocated• Deworming with antihelminthic drugs like oxclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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**Agrometeorological Field Unit
ICAR, BASAR**

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall: NA; T.Max: NA; T.Min: NA ; RH: NA	Mainly clear/dry weather is forecasted with light rainfall in some places. Max Temp=29°C and Min Temp=19°C, RH=52-93%, Wind Speed=2-4 kmph, Wind direction: SSE
Warning:	NIL

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
- 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"> Go for manual weeding during sunny days
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering 		<ul style="list-style-type: none"> Avoid spray of insecticides if flowering begins Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer On dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.

Poultry	All stages 		<ul style="list-style-type: none"> • Provide adequate clean drinking water+electrolyte • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Quarantine the newly procured birds for one month before introduction with old birds • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • Vaccination is advocated • Deworming with anthelmintic drugs like oxclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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**Agrometeorological Field Unit
ICAR, BASAR**

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 2016)



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



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

District: Tawang

No: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = NA	Partly cloudy sky with light rainfall. Max Temp=19°C and Min Temp=12°C, RH=41-87%, Wind Speed=4-7 kmph, Wind direction: ESE
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- 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			<ul style="list-style-type: none"> • Go for 1 manual weeding during sunny days
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> • Foliar spray carbandazim/Mancozab@2gm/lit

VEGETABLES

Summer Vegetables			<ul style="list-style-type: none"> • Spray azadirachtin 0.15EC@6ml/lit against flea beetles • Spray carbandazim/Mancozab@2gm/lit to control fungal diseases.
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FRUIT CROPS

Orchards			<ul style="list-style-type: none"> • Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. • Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards • Earthing-up and removal of excess suckers in Pineapple should be carried out for better plant establishment and anchorage.
Citrus	Flowering		<ul style="list-style-type: none"> • If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees • Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer • Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin • Remove all water sprouts from the base of the plant • Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. • Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits
Banana			<ul style="list-style-type: none"> • Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> • Follow ridge and furrow method of planting and provide adequate drainage • Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.

LIVESTOCKS

Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> • Provide concentrate feed and multi-vitamins • Provide proper bedding materials for newly born piglets to protect them from cold • Vaccination as per the schedule with proper consultation with vet. • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended
Poultry	All stages 		<ul style="list-style-type: none"> • Provide sufficient bedding materials to keep them warm • 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 coccidiosis. • Provide anti-coccidial drugs • Remove wet litter/provide artificial heating and light

			<ul style="list-style-type: none"> • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun/ Yak		FMD	<ul style="list-style-type: none"> • Vaccination is advocated • Deworming with antihelminthic drugs like oxclozanide or pyrantel

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

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**Agrometeorological Field Unit
ICAR, BASAR**

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 2016)



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

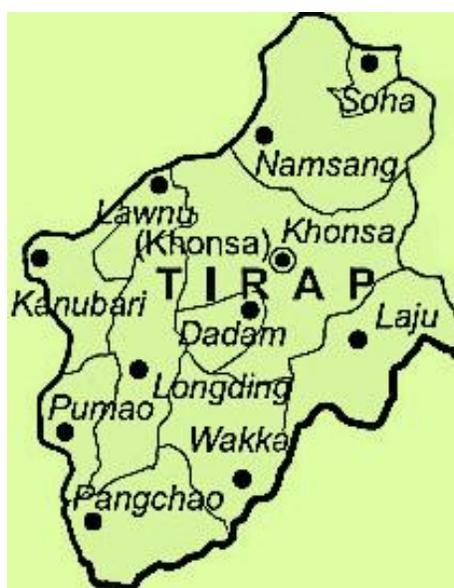


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Tirap

No: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = Deomali: NA	Mostly cloudy sky is forecasted for next 2-3 days with possibility of light/moderate rainfall in some places. Max Temp=27°C and Min Temp=18°C, RH=52-96%, Wind Speed=2-3 kmph, Wind direction: W
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated.
- 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"> • Go for 1 manual weeding during sunny days
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> • Foliar spray of carbandazim/Mancozab@2gm/lit • Manual weeding in greengram/blackgram
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			

Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
FRUIT CROPS			
Citrus	Flowering 		<ul style="list-style-type: none"> If flowering begins, avoid spray of insecticides as it may hinder pollination by honey bees. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks.
Poultry	All stages 		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet. Quarantine the newly procured birds for one month before introduction with old birds. Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> Vaccination is advocated Deworming with antihelminthic drugs like oxclozanide or

pyrantel.

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

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

**Agrometeorological Field Unit
ICAR, BASAR**

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = Tuting: NA	Mostly cloudy weather is forecasted for next 2-3 days with possibility of light/moderate rainfall. Max Temp=22°C and Min Temp=15°C, RH=42-90%, Wind Speed=2-4 kmph, Wind direction: SE
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- 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"> • Go for 1 manual weeding during sunny days .
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> • Foliar spray of carbandazim/Mancozab@2gm/lit • Manual weeding in greengram/blackgram
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> • Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> • Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. • Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> • Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering 		<ul style="list-style-type: none"> • If flowering begins, avoid use of insecticides • Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer • On dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over • Remove all water sprouts from the base of the plant on clear day using stickers • Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. • Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Banana			<ul style="list-style-type: none"> • Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Apple /Kiwi			<ul style="list-style-type: none"> • Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen • Fertilizers should be applied a foot away from the base of the plants • Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk
Ginger/summer pulses			<ul style="list-style-type: none"> • Follow ridge and furrow method of planting and provide adequate drainage • Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> • Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> • Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed

Pigs	All stages		<ul style="list-style-type: none"> • Provide concentrate feed and multi-vitamins • Vaccination as per the schedule with proper consultation with vet. • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated • Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> • 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 coccidiosis. • Provide anti-coccidial drugs • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • 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: 31st May to 3rd June, 2016)



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

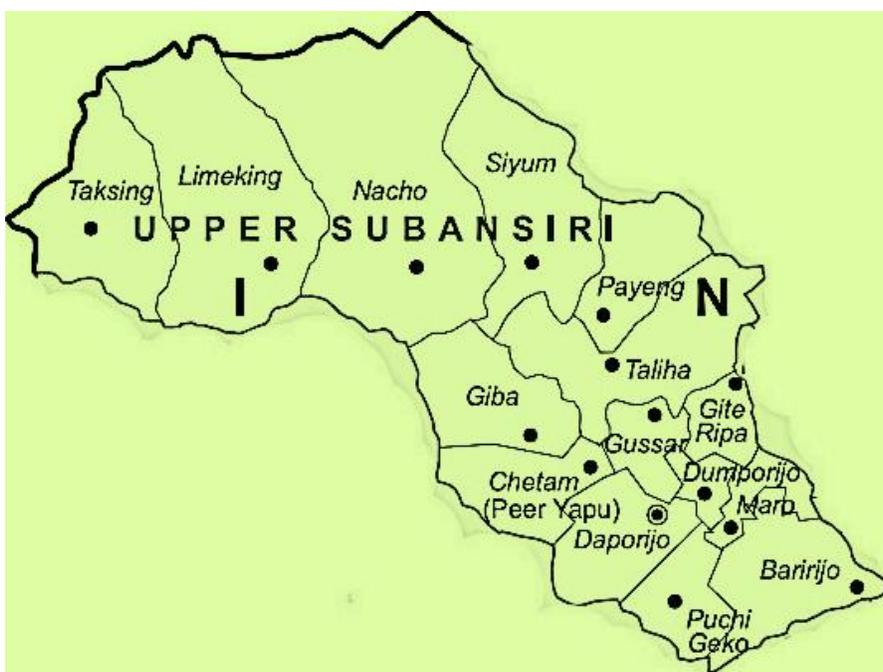


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = NA (Puchi Geko); Daporijo: NA	Mostly cloudy weather is forecasted for next 2-3 days with possibility of light/moderate rainfall in few places. Max Temp=25°C and Min Temp=15°C, RH=50-95%, Wind Speed=2-4 kmph, Wind direction: S
Warning	NIL

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Go for 1 manual weeding during sunny days
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering 		<ul style="list-style-type: none"> Avoid spray of insecticides if flowering begins Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet. Provide anti-coccidial drugs

			<ul style="list-style-type: none"> • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • 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: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = Bomdila: NA; Bhalukpong: NA mm	Partly cloudy sky with possibility of light rainfall. Max Temp=25°C and Min Temp=15°C, RH=51-90%, Wind Speed=2-5 kmph, Wind direction: S
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Go for 1 manual weeding during sunny days
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Dust ash powder in cucurbits.
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Citrus	Flowering		<ul style="list-style-type: none"> Avoid spray of insecticides if flowering begins as it may hinder pollination by honey bees and other insects. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over Remove all water sprouts from the base of the plant Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits
Pineapple			<ul style="list-style-type: none"> Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Banana			<ul style="list-style-type: none"> Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> Follow ridge and furrow method of planting and provide adequate drainage Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> Provide concentrate feed and multi-vitamins Vaccination as per the schedule with proper consultation with vet. Deworm at regular interval During scarcity of fodder provide hay/silage/feedblocks. Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated Weaning is recommended at the age of 8 weeks for crossbreeds and 10 weeks for indigeneous pigs. Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> Avoid rearing of Day-Old-Chicks Provide adequate clean drinking water+electrolyte Vaccination as per the schedule with proper consultation with vet.

			<ul style="list-style-type: none"> • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Provide anti-coccidial drugs • Remove wet litter/provide artificial heating and light • Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle		FMD	<ul style="list-style-type: none"> • 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: 31st May to 3rd June, 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: 44/2015-16/Tue

Dated: 31st May, 2016



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

Weather summary of the previous week	Weather forecast valid up to 3 rd June , 2016
Rainfall = 21.7 mm. T. Max: 29.3°C, T. Min: 19.8°C, RH: 65-95%, Wind Speed: 3-4 kmps, Wind Direction: ES	Mostly cloudy sky with possibility of light/moderate rainfall. Max Temp=27°C and Min Temp=19°C, RH=54-94%, Wind Speed=2-3 kmph, Wind direction: SSE
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- 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"> • Go for 1 manual weeding during sunny days
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> • Foliar spray of carbandazim/Mancozab@2gm/lit • Manual weeding in greengram/blackgram
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> • Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> • Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. • Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> • Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering 	Powdery Mildew 	<ul style="list-style-type: none"> • Avoid using insecticide if flowering begins as it may hinder pollination by honey bees and insects • Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over • Spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is over • Remove all water sprouts from the base of the plant • Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. • Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Banana			<ul style="list-style-type: none"> • Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> • Follow ridge and furrow method of planting and provide adequate drainage • Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
AGROFORESTRY			
Toko Palm			<ul style="list-style-type: none"> • Sowing of seeds of toko palm in poly bags @ 1 seed/bag for nursery
			<ul style="list-style-type: none"> • Suitable time for planting saplings of fruits/fodder and timber trees
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> • Provide concentrate feed and multi-vitamins • Vaccination as per the schedule with proper consultation with vet. • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated • Weaning is recommended at the age of 8 weeks for

			<p>crosbreds and 10 weeks for indigeneous pigs.</p> <ul style="list-style-type: none"> Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	All stages		<ul style="list-style-type: none"> 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 coccidiosis. Provide anti-coccidial drugs Remove wet litter/provide artificial heating and light Quarantine the newly procured birds for one month before introduction with old birds. Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> Right time for stocking of fish fingerlings in fish tank with stocking density @ 1/m² Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> Vaccination is advocated Deworming with antihelminthic drugs like oxclozanide or pyrantel.
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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**Agrometeorological Field Unit
ICAR, BASAR**

Agro-met Advisory Bulletin

(Period: 31st May to 3rd June, 2016)



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

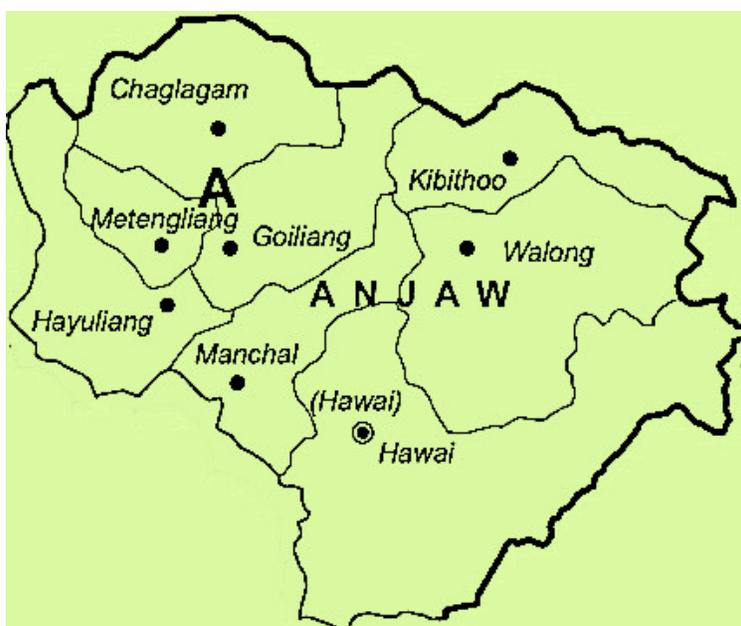


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Anjaw

No: 44/2015-16/Tue

Dated: 31st May, 2016



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

Weather summary of the previous week	Weather forecast valid up to 3 rd June, 2016
Rainfall = NA	Mostly cloudy sky with light rainfall is forecasted. Max Temp=22°C and Min Temp=12°C, RH=41-92%, Wind Speed=4-6 kmph, Wind direction: ESE
Warning:	Heavy rainfall in some places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> • Go for manual weeding during sunny days
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.

			<ul style="list-style-type: none"> • Adopt new method of rice seedling raising
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none"> • Foliar spray of carbandazim/Mancozab@2gm/lit • Manual weeding in greengram/blackgram
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> • Dust ash powder in cucurbits
FRUIT CROPS			
Orchards			<ul style="list-style-type: none"> • Prepare half moon terraces in fruit crops (orange/banana/apple/peach) grown in steep slopes to prevent nutrient loss during heavy downpour. • Follow proper drainage and earthing up practices in low land/plain areas to avoid water stagnation in fruit orchards
Pineapple			<ul style="list-style-type: none"> • Remove excess suckers and spray NAA@100ppm to increase fruit size and improve quality.
Citrus	Flowering 	Powdery Mildew 	<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • On sunny days, spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange. • Foliar application of Boron + Zinc @ 0.2% or multiplex @ 0.2% i.e 2g/lit of water to improve the yield and quality of fruits.
Banana			<ul style="list-style-type: none"> • Remove excess sucker from Banana in mother plant and give support in banana bunches to protect falling due to heavy weight or storm.
Ginger/summer pulses			<ul style="list-style-type: none"> • Follow ridge and furrow method of planting and provide adequate drainage • Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons.
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages		<ul style="list-style-type: none"> • Provide concentrate feed and multi-vitamins • Deworm at regular interval • During scarcity of fodder provide hay/silage/feedblocks. • Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocated • Provide adequate amount of potable water
Poultry	All stages 		<ul style="list-style-type: none"> • Provide adequate clean drinking water+electrolyte and multi-vitamins • Vaccination as per the schedule with proper consultation with vet. • Provide anti-coccidial drugs • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • Quarantine the newly procured birds for one month before introduction with old birds. • Vaccination against Ranikhet disease under vet official supervision is advised.
Fishery			<ul style="list-style-type: none"> • Right time for stocking of fish fingerlings in fish tank with stocking density @1/m² • Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings
Dog		Canine Parvovirus	<ul style="list-style-type: none"> • Vaccinate as per consultation with vet
Cattle/Mithun		FMD	<ul style="list-style-type: none"> • Vaccination is advocated against FMD • Deworming with anthelmintic drugs like oxclozanide or pyrantel.

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

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