

Agro-met Advisory Bulletin

(Period: 7th to 10th June, 2016)



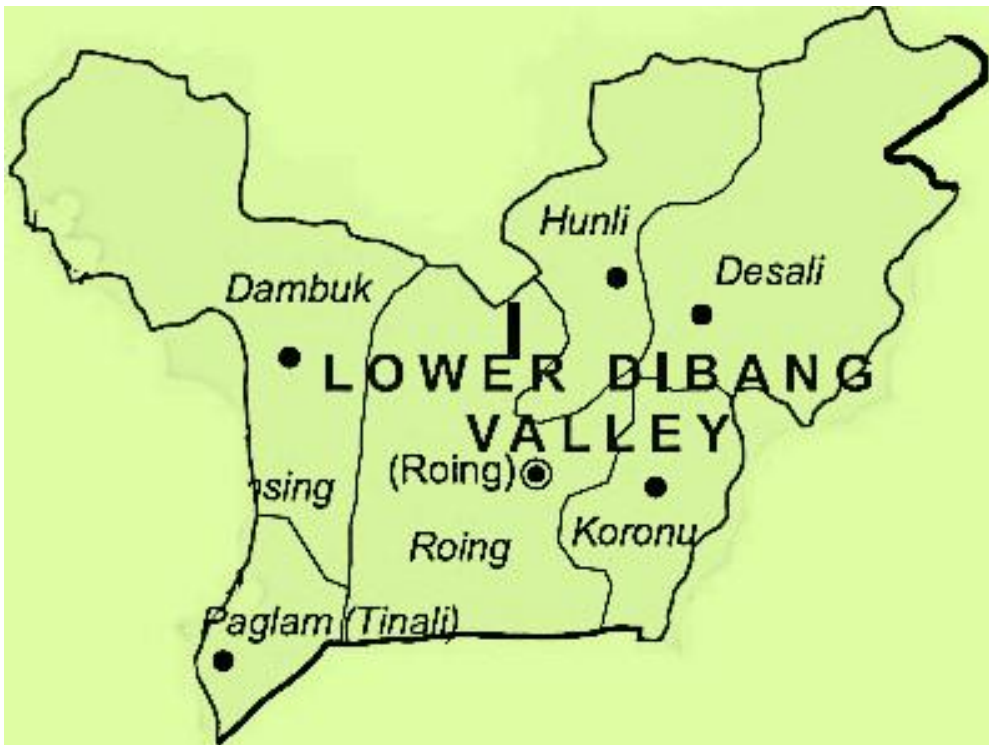
GRAMIN KRISHI MAUSAM SEWA (Integrated Agro-Meteorological Advisory Services)



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

District: Lower Dibang Valley

No: 46/2015-16/Tue **Dated: 7th June, 2016**




Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = (Roing): 3.1	Mostly cloudy sky with possibility of light/moderate rainfall. Max Temp=26°C and Min Temp=15°C, RH=41-96%, Wind Speed=2-4 kmph, Wind direction: NE
Warning:	Heavy rainfall is very likely on 8 th and 9 th June

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">• Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
Pulses/ Groundnut			<ul style="list-style-type: none">• Sowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.• Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
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 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 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. • 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
 Contact: - IAAS.BASAR@gmail.com, Phone Number: - 03795-226247/37, -96 (Fax)

Agrometeorological Field Unit
 ICAR, BASAR

Agro-met Advisory Bulletin

(Period: 7th to 10th 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: 46/2015-16/Tue


Dated: 7th June, 2016



Weather summary of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = NA (Ziro)	Mostly cloudy weather is forecasted with possibility of light/moderate rainfall in some places. Max Temp=22°C and Min Temp=14°C, RH=61-97%, Wind Speed=2-3 kmph, Wind direction: E
Warning:	Heavy rainfall on 8th & 9th June

Weather Based Agro-meteorological Advisories Bulletin

<ul style="list-style-type: none">Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocatedSpraying operation should be done only on dry/clear weatherGo for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR 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			<ul style="list-style-type: none">Manual weeding in greengram/blackgram on sunny daySowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely

Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
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 plantNeed 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 drainageMulching 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-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring 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+electrolyteInclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.Provide anti-coccidial drugsQuarantine 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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016





Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall: 26.4 mm; T.Max: 36.0°C; T.Min: 24.0°C ; RH: 65-90%	Partly cloudy weather is forecasted with light/moderate rainfall in some places. Max Temp=30°C and Min Temp=22°C, RH=47-97%, Wind Speed=2-3 kmph, Wind direction: ENE
Warning:	Heavy rainfall is likely on 8th and 9th June

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/ Groundnut			<ul style="list-style-type: none">Sowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
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 beginsGo for drenching with Dichlorvos 76 EC @ 0.05% against trunk borerOn dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is overRemove all water sprouts from the base of the plantSpray 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 drainageMulching 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-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.

			<ul style="list-style-type: none"> • 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 • 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 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			

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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016



Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = 7.0 mm	Mostly cloudy sky with light rainfall. Max Temp=18°C and Min Temp=12°C, RH=52-91%, Wind Speed=3-5 kmph, Wind direction: SE
Warning:	Heavy rainfall on 8 th & 9 th June

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

<ul style="list-style-type: none">Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocatedAll spraying operation should be done only on dry/clear weatherGo for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR 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">On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.

Pulses			<ul style="list-style-type: none"> Sowing of soybean can be done, earthing up is advocated for early sown crops.
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.
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 crosbreds 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.



			<ul style="list-style-type: none">• 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/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			

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: 7th to 10th 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: 46/2015-16/Tue



Dated: 7th June, 2016



Weather summary of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = Deomali: 0.0	Mostly cloudy weather is forecasted for next 2-3 days with possibility of light/moderate rainfall in some places. Max Temp=33°C and Min Temp=21°C, RH=63-99%, Wind Speed=2-4 kmph, Wind direction: W
Warning:	Heavy rainfall on 8 th & 9 th June

Weather Based Agro-meteorological Advisories Bulletin

<ul style="list-style-type: none">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 vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR 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/ Groundnut			<ul style="list-style-type: none">Manual weeding in greengram/blackgramSowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely

Rice	Nursery/transplantation	Stem borer	<ul style="list-style-type: none">On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
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 borerSpray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is overRemove all water sprouts from the base of the plantSpray 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 drainageMulching 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-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.
Poultry	All stages 		<ul style="list-style-type: none">Provide adequate clean drinking water+electrolyteVaccination 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

			<ul style="list-style-type: none">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 advocatedDeworming 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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016




Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = Tuting: NA	Mostly cloudy weather is forecasted for next 2-3 days with possibility of light/moderate rainfall. Max Temp=23°C and Min Temp=16°C, RH=50-90%, Wind Speed=2-3 kmph, Wind direction: SE
Warning:	Heavy rainfall is likely on 8 th & 9 th June


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/ Groundnut			<ul style="list-style-type: none"> • Manual weeding in greengram/blackgram • Sowing of soybean and groundnut can be done, earthing up is advocated for early sown crops. • Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
Rice	Nursery/trans plantation		<ul style="list-style-type: none"> • On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot. • Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
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 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. 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			

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: 7th to 10th June, 2016)



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

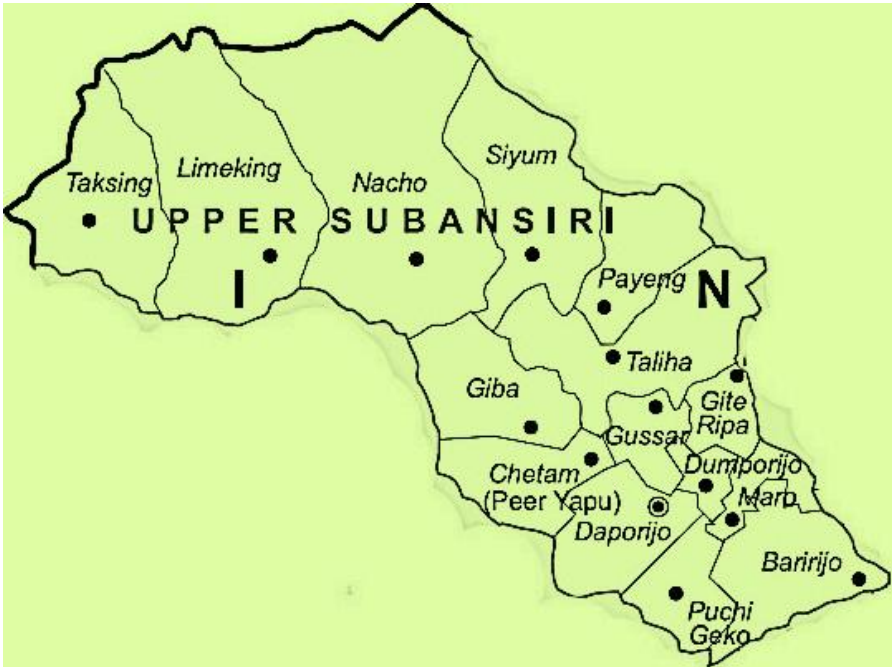


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: 46/2015-16/Tue


Dated: 7th June, 2016




Weather summary of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = 17.0 mm (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=22°C and Min Temp=16°C, RH=64-96%, Wind Speed=2-3 kmph, Wind direction: E
Warning	Heavy rainfall is likely on 8 th & 9 th June

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			<ul style="list-style-type: none">Manual weeding in greengram/blackgramSowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
Rice	Nursery/trans plantation		<ul style="list-style-type: none">On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
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 beginsGo for drenching with Dichlorvos 76 EC @ 0.05% against trunk borerSpray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is overRemove all water sprouts from the base of the plantSpray 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 drainageMulching 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-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocatedWeaning is recommended at the age of 8 weeks for crosbreds and 10 weeks for indigeneous pigs.

			<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.• 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		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			

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: 7th to 10th 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: 46/2015-16/Tue Dated: 7th June, 2016




Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = Bomdila: NA; Bhalukpong: 17.8 mm	Partly cloudy sky with possibility of light rainfall. Max Temp=21°C and Min Temp=12°C, RH=51-95%, Wind Speed=2-4 kmph, Wind direction: ENE
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			<ul style="list-style-type: none">Manual weeding in greengram/blackgramSowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
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 borerSpray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is overRemove all water sprouts from the base of the plantNeed based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildewFoliar 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 drainageMulching 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-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocatedWeaning 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"> • Avoid rearing of Day-Old-Chicks • 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 • 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			

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: 7th to 10th 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: 46/2015-16/Tue Dated: 7th June, 2016





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



Weather summery of the previous week	Weather forecast valid up to 10 th June , 2016
Rainfall = 40.6 mm. T. Max: 31.4°C, T. Min: 19.9°C, RH: 58-92%, Wind Speed: 3-4 kmps, Wind Direction: WS	Partly cloudy sky with possibility of light/moderate rainfall. Max Temp=29°C and Min Temp=19°C, RH=60-96%, Wind Speed=2-3 kmph, Wind direction: ENE
Warning:	Heavy rainfall in some places on 8 th and 9 th June

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

<ul style="list-style-type: none"> • 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			<ul style="list-style-type: none"> • Manual weeding in greengram/blackgram • Sowing of soybean and groundnut can be done, earthing up is advocated for early sown crops. • Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
Rice	Nursery/transplantation		<ul style="list-style-type: none"> • On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot. • Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
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.

			<ul style="list-style-type: none"> • 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. • 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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016






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

Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = NA	Mostly cloudy sky with light/moderate rainfall is forecasted. Max Temp=22°C and Min Temp=15°C, RH=47-95%, Wind Speed=4-6 kmph, Wind direction: ESE
Warning:	Heavy rainfall in some places on 8 th & 9 th June

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

<ul style="list-style-type: none">Spraying operation should be done only on dry/clear weatherGo for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR Basar recommend poultry variety VANARAJA for backyard rearingWarning: 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">On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf

			spot. <ul style="list-style-type: none"> Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
Pulses/Ground nut		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Sowing of soybean and groundnut can be done, earthing up is advocated for early sown crops. Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
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 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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016






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

Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = Changlang: 2.4 mm. Miao: 0.0	Mostly cloudy sky with possibility of light/moderate rainfall. Max Temp=27°C and Min Temp=16°C, RH=51-93%, Wind Speed=2-4 kmph, Wind direction: SSE
Warning	Heavy rainfall in some places on 8 th and 9 th June

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

<ul style="list-style-type: none">Spraying operation should be done only on dry/clear weatherGo for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR 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		<ul style="list-style-type: none">Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
Pulses/Ground nut		Cercospora	<ul style="list-style-type: none">Foliar spray of carbandazim/Mancozab@2gm/lit

		Leaf sopt	<ul style="list-style-type: none"> Manual weeding in greengram/blackgram Sowing of soybean and groundnut can be done, earthing up is advocated for early sown crops. Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Spray azadirachtin 0.15EC@6ml/lit against flea beetles Spray carbendazim/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 crossbreeds and 10 weeks for indigenous 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

			<div>of coccidiosis.</div> <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/m²Broadcast 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: 7th to 10th 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: 46/2015-16/Tue Dated: 7th June, 2016



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



Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = Anini: NA	Partly cloudy sky with light/moderate rainfall. Max Temp=22°C and Min Temp=16°C, RH=44-95%, Wind Speed=2-5 kmph, Wind direction: E
Warning:	Heavy rainfall in few isolated places on 8 th and 9 th June

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.On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Pulses/Gorund nut		Cercospora Leaf sopt	<ul style="list-style-type: none">Foliar spray of carbandazim/Mancozab@2gm/litManual weeding in greengram/blackgramSowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
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 overRemove all water sprouts from the base of the plantNeed based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildewSpray 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 drainageMulching 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-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.

			<ul style="list-style-type: none"> • 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 • 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
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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016





Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = 13.7 mm (Seppa)	Partly cloudy sky with light rainfall. Max Temp=22°C and Min Temp=15°C, RH=52-97%, Wind Speed=2-3 kmph, Wind direction: NE
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Cultural Practices			<ul style="list-style-type: none"> Go for manual weeding during sunny days
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none"> Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds. On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.
Pulses/Gorund nut		Cercospora Leaf sopt	<ul style="list-style-type: none"> Foliar spray of carbandazim/Mancozab@2gm/lit Manual weeding in greengram/blackgram Sowing of soybean and groundnut can be done, earthing up is advocated for early sown crops. Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely.
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-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring 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+electrolyteVaccination as per the schedule with proper consultation with vet.Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis.Provide anti-coccidial drugsQuarantine 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/m²Broadcast 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			

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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016




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


Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall: 1.9; T. Max: 34.0°C; T. Min: 24.0°C; RH: 64-93%	Mostly cloudy weather is forecasted with light/moderate rainfall in some places. Max Temp=30°C and Min Temp=18°C, RH=56-96%, Wind Speed=2-3 kmph, Wind direction: E
Warning:	Heavy rainfall is likely in some places on 8th or 9th June

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

<ul style="list-style-type: none">Go for low cost polyhouses for year round cultivation of vegetablesObtain seeds from reputed/certified/reliable sourceUse fertilizers/pesticides as per recommended doses for the locationPreference must be given on use of organic manures/bio-fertilizers & bio-pesticidesICAR 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 fieldIncorporation 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/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.On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
Pulses		Cercospora Leaf sopt	<ul style="list-style-type: none">Foliar spray of carbandazim/Mancozab@2gm/litManual weeding in greengram/blackgramSowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
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 overRemove all water sprouts from the base of the plantNeed based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 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 drainageMulching 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-vitaminsVaccination 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. • 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. • 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			

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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016



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


Weather summary of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = NA	Cloudy sky with light/moderate rainfall. Max Temp=22°C and Min Temp=16°C, RH=62-92%, Wind Speed=2-3 kmph, Wind direction: E
Warning	Heavy rainfall is likely on 8 th and 9 th June


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">• Go for manual weeding .
Pulses		Cercospora	<ul style="list-style-type: none">• Foliar spray of carbandazim/Mancozab@2gm/lit

		Leaf sopt	<ul style="list-style-type: none">Manual weeding in greengram/blackgramSowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
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.On clear/sunny days, spray carbendazim @2g/lit water in <i>jhum</i> field to control heavy infestation of leaf blast & leaf spot.Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
VEGETABES			
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 insectsGo for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is overDuring dry weather, spray Imagalil 34WP @ 1g/lit against blue & green mauld in Khasi mandarin when the harvesting is overRemove 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 drainageMulching 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

			<ul style="list-style-type: none"> • 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 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 • 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 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: 7th to 10th 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: 46/2015-16/Tue

Dated: 7th June, 2016




Weather summery of the previous week	Weather forecast valid up to 10 th June, 2016
Rainfall = 7.2 mm (Tezu)	Mostly cloudy sky with possibility of moderate to heavy rainfall. Max Temp=24°C and Min Temp=17°C, RH=52-96%, Wind Speed=2-4 kmph, Wind direction: E
Warning:	Heavy rainfall is likely on 8 th and 9 th June


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/ Gorundnut			<ul style="list-style-type: none">• Manual weeding in greengram/blackgram• Sowing of soybean and groundnut can be done, earthing up is advocated for early sown crops.

			<ul style="list-style-type: none">Do not disturb the soil after 40-45 DAS of groundnut, it will affect the pod formation adversely
Rice	Nursery/trans plantation	Stem borer	<ul style="list-style-type: none">Right time nursery raising of lowland rice, ensure seed treatment with carbendazim/Thiram @2g/kg seeds.
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 overRemove all water sprouts from the base of the plantSpray 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 drainageMulching 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-vitaminsVaccination as per the schedule with proper consultation with vet.Deworm at regular intervalDuring scarcity of fodder provide hay/silage/feedblocks.Disinfecting the animal/bird sheds with lime powder/bleaching powder/ 4%NaOH at regular interval is advocatedWeaning 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

			<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/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 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			

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