

Agro-met Advisory Bulletin

(Period: 29th March to 1st April, 2016)



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



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

District: Lower Dibang Valley

No: 26/2015-16/Tue

Dated: 29th March, 2016







Weather summary of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = 8.4 mm	Partial cloud cover with possibility of moderate/light rain in next 2-3 days. Max Temp=19°C and Min Temp=8°C, RH=34-90%, Wind Speed=4-7 kmph, Wind direction: E
Warning:	Non

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none"> Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none"> Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> Need based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildew. Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. Get seeds/planting materials of preferred or recommended varieties from right sources Right time for nursery preparation of brinjal etc. : Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea & other vegetables is advocated using stickers
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
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/insects. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Spray Imazalil 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 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.

Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
AGROFORESTRY			
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 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. 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 new pond excavation/old pond renovation. Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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



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

District: Lower Subansiri

No: 26/2015-16/Tue




Dated: 26th March, 2016




Weather summary of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = NA	Partial cloud cover with possibility of light rain in next 2-3 days. Max Temp=21°C and Min Temp=10°C, RH=52-95%, Wind Speed=2-9 kmph, Wind direction: WSW
Warning:	Non

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 advocatedRight time for digging pond for construction of <i>Jalkunds</i>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			
Mustard/Pea/other crops			<ul style="list-style-type: none">Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none">Right time for sowing of local/early maize and CowpeaSeed treatment of early maize/cowpea with Imidichloropid @

			1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> Need based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildew. Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. Get seeds/planting materials of preferred or recommended varieties from right sources Right time for preparation of nursery for brinjal Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower, pea & other vegetables is advocated.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
FRUIT CROPS			
Citrus	Flowering		<ul style="list-style-type: none"> If flowering begin, 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 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 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.
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Apple/Kiwi			<ul style="list-style-type: none"> Traning & Pruning on priority to remove diseased and crisscross branches to maintain health and shape of plants 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
AGROFORESTRY			
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 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. 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 sufficient bedding materials to keep them warm Provide adequate clean drinking water+electrolyte 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 new pond excavation/old pond renovation. Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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
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(Period: 29th March to 1st April, 2016)



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



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

District: Papum Pare

No: 26/2015-16/Tue Dated: 29th March, 2016






Weather summery of the previous week	Weather forecast valid up to 28 th March, 2016
Rainfall: 4.4 mm; T.Max: 33.3°C; T.Min:17.1°C ; RH: 52-91 %	Partial cloud cover with light rain is forecasted. Max Temp=27°C and Min Temp=17°C, RH=42-94%, Wind Speed=2-5 kmph, Wind direction: E
Warning:	Non


Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Avoid spray of insecticides at flowering stage of crops/plants as it may hinder pollination by honey bees or other insects
- Right time for digging pond for construction of *Jalkunds*.
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- Spraying operation should be done only on dry/clear weather
- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none"> • Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none"> • Right time for sowing of local/early maize and Cowpea • Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> • On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> • Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> • Need based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildew. • Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> • Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. • Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> • Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. • Get seeds/planting materials of preferred or recommended varieties from right sources • Right time for the preparation of nursery for brinjal • Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> • Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. • Store potatoes in a cool, well ventilated place • Don't wash potatoes before storing as dampness promotes early spoilage.
FRUIT CROPS			
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 in citrus trees only if the harvesting is over • On dry weather, spray Imagilil 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 • Need based spray of Carbendazim 50WP @ 1g/lit or 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.
Banana			<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
AGROFORESTRY			
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 • 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. • 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 • 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 new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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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(Period: 29th March to 1st April, 2016)



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

District: Tawang

No: 26/2015-16/Tue

Dated: 29th March, 2016






Weather summary of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = 2.0 mm.	Partial cloud cover with possibility of light rainfall in next 2-3 days. Max Temp=15°C and Min Temp=3°C, RH=48-86%, Wind Speed=4-9 kmph, Wind direction: ENE
Warning:	Non

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 advocatedRight time for digging pond for construction of <i>Jalkunds</i>.All 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			
Mustard/Pea/other crops			<ul style="list-style-type: none">Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none">Right time for sowing of local/early maize and CowpeaSeed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing

Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower, pea & other vegetables is advocated.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
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 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 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.
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
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
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 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 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 • 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 new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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
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ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Tirap

No: 26/2015-16/Tue






Dated: 29th March, 2016




Weather summery of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = Deomali: 7.0 mm	Partially cloudy sky with possibility of light to moderate rainfall in next 2-3 days. Max Temp=28°C and Min Temp=14°C, RH=53-98%, Wind Speed=0-2 kmph, Wind direction: ESE
Warning:	Non

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Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none">Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none">Right time for sowing of local/early maize and CowpeaSeed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing

Toria/mustard			<ul style="list-style-type: none">On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none">Right time for harvesting
Pea		<div>Powdery Mildew</div> 	<ul style="list-style-type: none">Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.
Cultural Practices			<ul style="list-style-type: none">Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.Get seeds/planting materials of preferred or recommended varieties from right sourcesRight time for nursery preparation of brinjalSowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	<div>Leaf eating insects</div> 	<ul style="list-style-type: none">On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower,/pea & other vegetables is advocated
Potato	Harvesting	<div>Ants</div> 	<ul style="list-style-type: none">Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.Store potatoes in a cool, well ventilated placeDon't wash potatoes before storing as dampness promotes early spoilage.
FRUIT CROPS			
Citrus	<div>Flowering</div> 		<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 in citrus trees only if the harvesting is overSpray Imagalil 34WP @ 1g/lit against blue & green mould 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 Difenoconazole 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.
Banana			<ul style="list-style-type: none">Timely/regular removal of extra suckers, dry leaves & pseudo-stem

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. • 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 new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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



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

District: Upper Siang

No: 26/2015-16/Tue Dated: 29th March, 2016








Weather summery of the previous week	Weather forecast valid up to 28 th March, 2016
Rainfall = 0.0 mm.	Partial cloud cover with light rain in next 2-3 days. Max Temp=11°C and Min Temp=3°C, RH=34-78%, Wind Speed=4-6 kmph, Wind direction: SSE
Warning:	Non

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none"> Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none"> Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew. Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. Get seeds/planting materials of preferred or recommended varieties from right sources Right time for nursery preparation of brinjal Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower, pea & other vegetables is advocated with stickers.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
FRUIT CROPS			
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 in citrus trees only if the harvesting is over on clear day On 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 on clear day using stickers Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.

			<ul style="list-style-type: none"> Spray growth regulator like NAA or GA3 @ 10-15 ppm at flowering stage is advised to check flower drop in orange.
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
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
AGROFORESTRY			
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 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 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 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 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 new pond excavation/old pond renovation. Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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

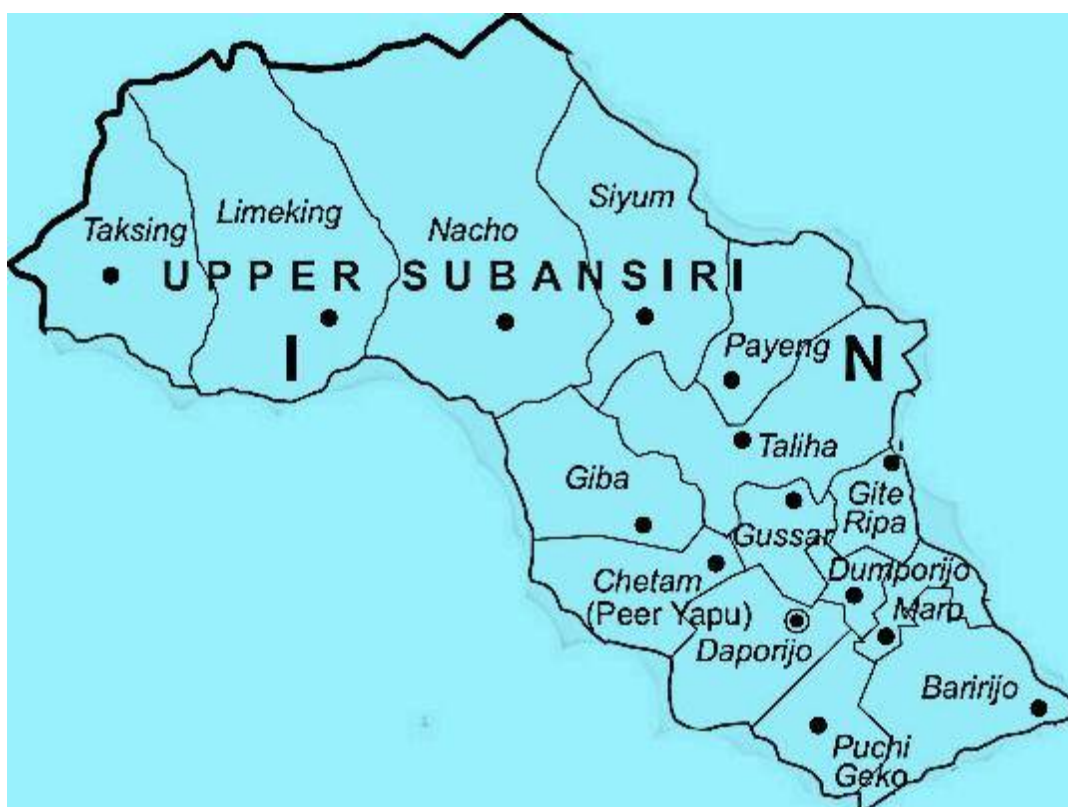


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: 26/2015-16/Tue




Dated: 29th March, 2016




Weather summary of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = 5.0 mm (Puchi Geko); Daporijo: 3.4mm	Partial cloud cover with possibility of light rain in next 2-3 days. Max Temp=20°C and Min Temp=11°C, RH=50-94%, Wind Speed=3-6 kmph, Wind direction: WNW

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none"> Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none"> Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> Need based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildew. Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. Get seeds/planting materials of preferred or recommended varieties from right sources Right time for preparation of nursery of brinjal Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower, pea & other vegetables is advocated with sticker.
FRUIT CROPS			
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 in citrus trees only if the harvesting is over Spray Imagailil 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 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.
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
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

			<p>with vet.</p> <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. • Provide anti-coccidial drugs • Inclusion of turmeric powder @ 10g/kg feed for prevention of coccidiosis. • 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 new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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



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

District: West Kameng

No: 26/2015-16/Tue

Dated: 29th March, 2016







Weather summery of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = 0.0 mm	Partially cloudy sky with possibility of light/moderate rain in next 2-3 days. Max Temp=16°C and Min Temp=7°C, RH=45-87%, Wind Speed=3-7 kmph, Wind direction: ENE
Warning:	Non

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none"> Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none"> Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> Need based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildew. Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any <i>per-kharif</i> & <i>kharif</i> crops.
VEGETABLES			
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower, pea & other vegetables is advocated.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. Get seeds/planting materials of preferred or recommended varieties from right sources Right time for nursery preparation of brinjal Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
FRUIT CROPS			
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 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 Difenconazole 5EC @ 0.5 ml/lit against powdery mildew
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem

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
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 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 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 • 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 new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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



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

District: West Siang

No: 26/2015-16/Tue

Dated: 29th March, 2016







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



Weather summery of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = 11.6 mm. T. Max: 29.3°C, T.Min: 10.4°C, RH: 35-94%, Wind Speed: 2-10 kmps, Wind Direction: NE	Partial cloud cover with possibility of light rainfall in next 2-3 days. Max Temp=23°C and Min Temp=15°C, RH=48-90%, Wind Speed=2-5 kmph, Wind direction: WNW
Warning:	Non

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Right time for digging pond for construction of *Jalkunds*.
- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated

<ul style="list-style-type: none"> 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			
Mustard/Pea/other crops			<ul style="list-style-type: none"> Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none"> Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing Recommended varieties: Oshum, Tapolli, Sago Local, DA-61A, Vivek Hybrid-21
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Right time for brinjal nursery Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, pumpkin, etc. Get seeds/planting materials of preferred or recommended varieties from right sources Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea & other vegetables is advocated.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
FRUIT CROPS			
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.
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Apple/Kiwi			<ul style="list-style-type: none"> Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen

			<ul style="list-style-type: none"> Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk
AGROFORESTRY			
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 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 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 new pond excavation/old pond renovation. Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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

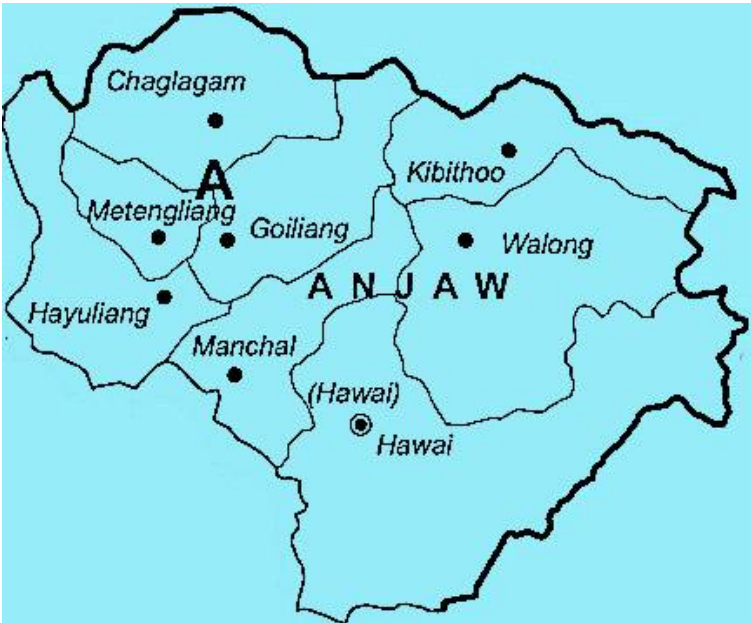


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Anjaw

No: 26/2015-16/Tue

Dated: 29th March, 2016






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


Weather summary of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = NA	Partial cloud cover with possibility of light/moderate rainfall in next 3-4 days. Max Temp=12°C and Min Temp=3°C, RH=36-93%, Wind Speed=4-10 kmph, Wind direction: E
Warning:	Non

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

<ul style="list-style-type: none">Right time for digging pond for construction of <i>Jalkunds</i>.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			
Mustard/Pea/other crops			<ul style="list-style-type: none">Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none">Right time for sowing of local/early maize and Cowpea

			<ul style="list-style-type: none"> Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing Recommended varieties: Oshum, Tapolli, Sago Local, DA-61A, Vivek Hybrid-21
Maize (winter)			<ul style="list-style-type: none"> On sunny day, harvesting is advocated
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, okra, etc. Get seeds/planting materials of preferred or recommended varieties from right sources Nursery preparation for Brinjal Sowing should be done during these sunny days to avoid unnecessary seed mortality that might occur during heavy rain in April Make sure that proper leveling of the land and drainage is done to avoid water logging during pre-kharif rains for better crop establishment.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
Cabbage/cauliflower	Harvesting		<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects
FRUIT CROPS			
Citrus	Flowering 	Powdery Mildew 	<ul style="list-style-type: none"> Prune away all diseased portion of the citrus plant after harvest of the fruit to maintain the health of the plant Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over Avoid spray of insecticides which may hinder pollination by honey-bees. Remove all water sprouts from the base of the plant 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.
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Apple/Kiwi			<ul style="list-style-type: none"> Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk
AGROFORESTRY			
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

			<ul style="list-style-type: none"> • 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 indigenous 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 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. • 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 new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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



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

District: Changlang

No: 26/2015-16/Tue Dated: 29th March, 2016







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

Weather summery of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = Changlang: 5.2 mm. Miao: 12.2 mm	Partial cloud cover with possibility of light to moderate rainfall in next 2-3 days. Max Temp=22°C and Min Temp=11°C, RH=46-94%, Wind Speed=2-5 kmph, Wind direction: ESE
Warning	Non

Weather Based Agro-meteorological Advisories Bulletin

<ul style="list-style-type: none">Right time for digging ponds for construction of <i>jalkunds</i>Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocatedGo for spray operation on clear/dry weather.Obtain 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			
Mustard/Pea/other crops			<ul style="list-style-type: none">Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none">Right time for sowing of local/early maize and Cowpea

			<ul style="list-style-type: none"> Recommended varieties: Oshum, Tapolli, Sago Local, DA-61A, Vivek Hybrid-21 Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew. Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, need based spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in.
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. Get seeds/planting materials of preferred or recommended varieties from right sources Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
FRUIT CROPS			
Citrus	Flowering	Powdery Mildew 	<ul style="list-style-type: none"> If flowering begins, avoid spray of insecticides which may hinder pollination by honey bees. Go for drenching with Dichlorvos 76 EC @ 0.05% against trunk borer in citrus trees only if the harvesting is over 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.
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
AGROFORESTRY			
Toko Palm	Nursery Preparation		<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 Provide proper bedding materials for newly born piglets to protect them from cold Vaccination as per the schedule with proper consultation

			<p>with vet.</p> <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. • Swine fever vaccine at the age of 8- 10 week is recommended.
Poultry	<p>All stages</p> 		<ul style="list-style-type: none"> • Avoid rearing of Day-Old-Chicks • 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
Fishery			<ul style="list-style-type: none"> • Use soil-water probiotics in fish pond for making disease free environment • Right time for new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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 under supervision of vet.
<p>Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247</p>			

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Agrometeorological Field Unit
 ICAR. BASAR

Agro-met Advisory Bulletin

(Period: 29th March to 1st April, 2016)



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



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

District: Dibang Valley

No: 26/2015-16/Tue

Dated: 29th March, 2016







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



Weather summery of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = Anini:19.0 mm.	Partial cloud cover with possibility of light/moderate rain in next 2-3 days. Max Temp=17°C and Min Temp=8°C, RH=40-91%, Wind Speed=4-8 kmph, Wind direction: ENE
Warning:	Non

Weather Based Agro-meteorological Advisories Bulletin

General recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none"> Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none"> Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> Need based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildew. Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. Get seeds/planting materials of preferred or recommended varieties from right sources Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea & other vegetables is advocated using stickers.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
FRUIT CROPS			
Citrus	Flowering		<ul style="list-style-type: none"> If flowering begin, avoid spray of insecticide which may hinder pollination by honey bees. 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 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.

Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
AGROFORESTRY			
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 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. 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. 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"> Use soil-water probiotics in fish pond for making disease free environment Right time for new pond excavation/old pond renovation. Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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



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

District: East Kameng

No: 26/2015-16/Tue

Dated: 29th March, 2016







Weather summary of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = NA	Partial cloud cover with possibility of light rain is forecasted for next 2-3 days. Max Temp=13°C and Min Temp=5°C, RH=48-92%, Wind Speed=3-8 kmph, Wind direction: ESE
Warning:	Non

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			
Mustard/Pea/other crops			<ul style="list-style-type: none"> Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none"> Right time for sowing of local/early maize and Cowpea Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing Need-based irrigation if crops sown
Toria/mustard			<ul style="list-style-type: none"> On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> Need based spray of Carbendazim 50WP @ 1g/lit or Difenconazole 5EC @ 0.5 ml/lit against powdery mildew.
Cultural Practices			<ul style="list-style-type: none"> Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. Store potatoes in a cool, well ventilated place Don't wash potatoes before storing as dampness promotes early spoilage.
Summer Vegetables			<ul style="list-style-type: none"> Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. Get seeds/planting materials of preferred or recommended varieties from right sources Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
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 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 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.
Banana			<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem

AGROFORESTRY			
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 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. 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"> Avoid rearing of Day-Old-Chicks 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 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"> Use soil-water probiotics in fish pond for making disease free environment Right time for new pond excavation/old pond renovation. Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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



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

District: East Siang

No: 26/2015-16/Tue

Dated: 29th March, 2016



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





Weather summery of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall: 3.1 mm; T. Max: 32.4°C; T. Min: 18.5°C; RH: 49-98%	Partial cloud cover with possibility of light to moderate rainfall in next 2-3 days. Max Temp=27°C and Min Temp=17°C, RH=50-88%, Wind Speed=2-6 kmph, Wind direction: W
Warning:	Non


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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none">• Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests
Maize/ cowpea			<ul style="list-style-type: none">• Right time for sowing of local/early maize and Cowpea

			<ul style="list-style-type: none">Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none">On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none">Right time for harvesting
Pea		<div>Powdery Mildew</div> 	<ul style="list-style-type: none">Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew.Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none">Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance.Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none">Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc.Get seeds/planting materials of preferred or recommended varieties from right sourcesSowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	<div>Leaf eating insects</div> 	<ul style="list-style-type: none">On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea & other vegetables is advocated using stickers.
Potato	Harvesting	<div>Ants</div> 	<ul style="list-style-type: none">Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants.Store potatoes in a cool, well ventilated placeDon't wash potatoes before storing as dampness promotes early spoilage.
FRUIT CROPS			
Citrus	<div>Flowering</div> 		<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 overSpray Imagalil 34WP @ 1g/lit against blue & green mould 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 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.
Banana			<ul style="list-style-type: none">Timely/regular removal of extra suckers, dry leaves & pseudo-stem
AGROFORESTRY			
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 • 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 indigenous 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 • 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"> • Use soil-water probiotics in fish pond for making disease free environment • Right time for new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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



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

District: Kurung Kumey

No: 26/2015-16/Tue

Dated: 29th March, 2016



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






Weather summary of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = 0.0	Partial cloud cover with possibility of very light rain in next 2-3 days. Max Temp=12°C and Min Temp=3°C, RH=46-92%, Wind Speed=2-10 kmph, Wind direction: WNW


Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Mustard/Pea/other crops			<ul style="list-style-type: none">• Proper drying of harvested crops for seed purpose has to be done for maintaining viability of seed and reducing storage pests

Maize/ cowpea			<ul style="list-style-type: none"> • Right time for sowing of local/early maize and Cowpea • Seed treatment of early maize/cowpea with Imidichloropid @ 1-2g/10kg is recommended before sowing
Toria/mustard			<ul style="list-style-type: none"> • On sunny days, go for harvesting of toria/mustard if mature
Maize (winter)			<ul style="list-style-type: none"> • Right time for harvesting
Pea		Powdery Mildew 	<ul style="list-style-type: none"> • Need based spray of Carbendazim 50WP @ 1g/lit or Difenoconazole 5EC @ 0.5 ml/lit against powdery mildew. • Cautious picking should be done to avoid plant damage.
Cultural Practices			<ul style="list-style-type: none"> • Deep summer ploughing can be carried out during any sunny days of this month for better soil tilth and crop performance. • Incorporation of left over crop residue/stovers is highly recommended during ploughing for cultivation of any per-kharif & kharif crops.
VEGETABLES			
Summer Vegetables			<ul style="list-style-type: none"> • Right time for the sowing of summer vegetables like cucumber, sponge gourd, bottle gourd, ladies finger etc. • Get seeds/planting materials of preferred or recommended varieties from right sources • Sowing of vegetables like okra/ladies finger and beans are not recommended as they are likely to spoil during rain.
Pea/Cauliflower/Cabbage	Vegetative	Leaf eating insects 	<ul style="list-style-type: none"> • On clear weather, spray of Azadirachtin 0.15% EC @ 6ml/lit against leaf eating insects in cabbage/cauliflower/pea & other vegetables is advocated.
Potato	Harvesting	Ants 	<ul style="list-style-type: none"> • Apply Neem-based granular insecticides in soil against soil inhabiting insect pests/ants. • Store potatoes in a cool, well ventilated place • Don't wash potatoes before storing as dampness promotes early spoilage.
FRUIT CROPS			
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 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.
Banana			<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem

Apple/Kiwi			<ul style="list-style-type: none"> • Best time to apply fertilizers to the apple trees containing potassium, calcium, Boron and nitrogen • Basin maintenance and manuring with FYM @ 30-35 kg/tree should be done. Avoid application of FYM close to the trunk
AGROFORESTRY			
Toko Palm	Nursery		<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 • 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. • 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"> • Avoid rearing of Day-Old-Chicks • 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 • Quarantine the newly procured birds for one month before introduction with old birds.
Fishery			<ul style="list-style-type: none"> • Use soil-water probiotics in fish pond for making disease free environment • Right time for new pond excavation/old pond renovation. • Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
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: 29th March to 1st April, 2016)



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

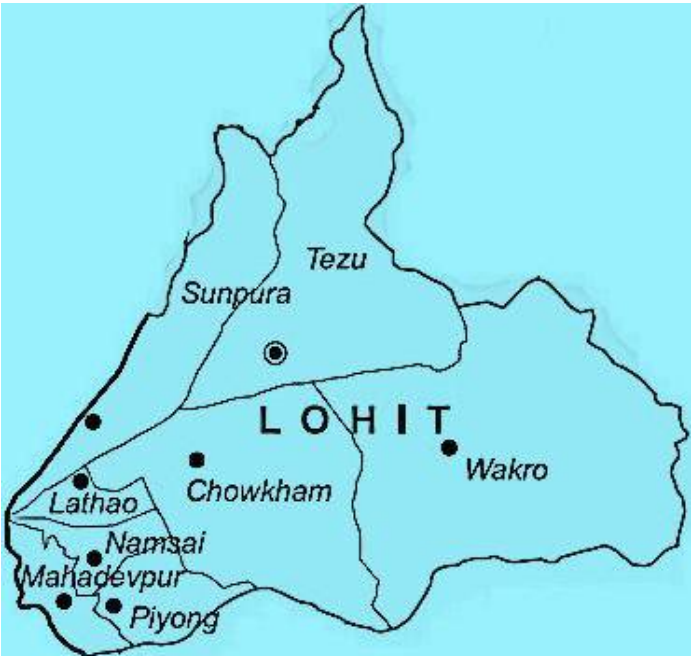


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Lohit

No: 26/2015-16/Fri

Dated: 29th March, 2016







Weather summary of the previous week	Weather forecast valid up to 1 st April, 2016
Rainfall = 20.2 mm (Namsai); 9.2mm (Tezu)	Partial cloud cover with possibility of light rainfall is forecasted for next 2-3 days. Max Temp=21°C and Min Temp=11°C, RH=41-93%, Wind Speed=3-7 kmph, Wind direction: E
Warning:	Non


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

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Fishery			<ul style="list-style-type: none"> Right time for new pond excavation/old pond renovation. Manual removal of aquatic plants and liming @ 200-500 kg/ha/m depth advocated.
Dog		Canine Parvovirus	<ul style="list-style-type: none"> Vaccinate as per consultation with vet
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