

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



भा. कृ. अन्नप. - पु. प. सं.
ICAR - RCGNEH



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

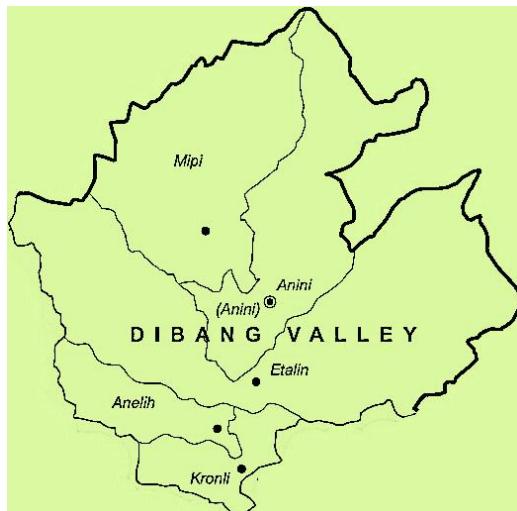


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Dibang Valley

No: 18/2017/Fri

Dated: 3rd March 2017



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

Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = 5.0 mm (Anini)	Partly cloudy sky with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 15-18°C and 6°C respectively. Expected morning and evening relative humidity will be 87-93% and 71-79% respectively. Wind direction is East with speed range of 7-8 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

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			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Fruiting		<ul style="list-style-type: none"> • Pick/harvest green pods at 4/5 days interval to stimulate new flowers. • Harvest on dry/sunny weather when the plant get try
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • In case of rain provide sugar syrup
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together. • Avoid overcrowding. • Avoid rearing of Day-Old-Chicks • Provide sufficient bedding materials to keep them warm • Provide adequate clean drinking water+electrolyte and multi-

			<ul style="list-style-type: none"> vitamins • Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.
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**

कृषि मौसम सलाहकार सेवा पत्रिका

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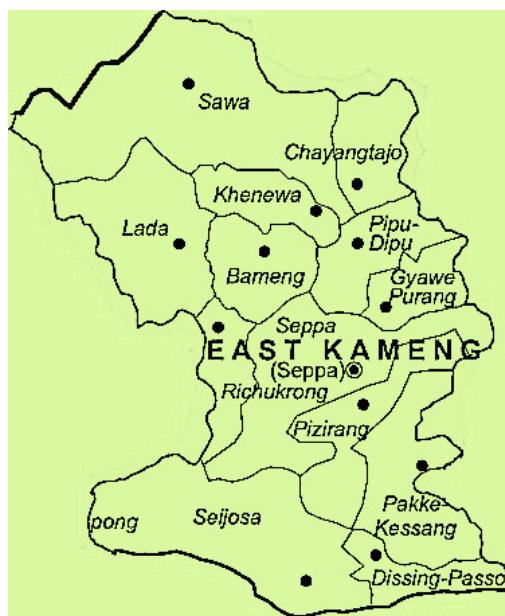


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: East Kameng

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = 0.0 mm	Generally clear dry weather forecasted with possibility of light rainfall on 4 th and 6 th March. Daily maximum and minimum temperature for the following period is predicted to be 15-18°C and 6-7°C respectively. Expected morning and evening relative humidity will be 77-91% and 46-56% respectively. Expected wind direction is SE with speed range of 4-6 kmph.
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

- Go for low cost polyhouses for year round cultivation of vegetables
- Obtain seeds from reputed/certified/reliable source
- Use fertilizers/pesticides as per recommended doses for the location
- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
- ICAR Basar recommend poultry variety VANARAJA for backyard rearing
- 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			
Potato	Harvesting		<ul style="list-style-type: none"> Store potatoes in a cool, well ventilated place Do not store the tubers immediately if they are exposed to rain after harvest. Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases Don't wash potatoes before storing as dampness promotes early spoilage. Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Sowing		<ul style="list-style-type: none"> Sowing of pea can be done in higher altitudes
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> Cover the crop with polyethene/cloths to protect from frost/rain The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> On dry/sunny days, foliar spray of micronutrients like Tracel@4g/lit of water to maintain proper health of tree recommended. Remove all water sprouts from the base of the plant On dry/sunny day, remove the wooden frass present in between the joints of the tree trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent@5ml in the larval tunnel with the help of disposable syringe and push the cotton swab soaked in Dichlorovos solution in the larval tunnel. Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off. In case of citrus aphid attack, spray Quinalphos or Dimethoate 0.05 percent and repeat it after every 7 days
Large Cardamom	Vegetative		<ul style="list-style-type: none"> Remove dry, diseased and old tillers and branches Proper shade management Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Honey Bees			
Honey Bees			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the	<ul style="list-style-type: none"> Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. Animals should be given lukewarm feed and water. All animals should be tethered in a covered shelter. Keep the

		mouth and foot.)	<p>houses dry and clean.</p> <ul style="list-style-type: none"> • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together. • Avoid overcrowding. • Avoid rearing of Day-Old-Chicks • 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. <ul style="list-style-type: none"> ➢ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.

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

District: East Siang

No: 18/2017/Fri

Dated: 3rd March 2017



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

Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall: 0.8 mm; T. Max: 28.0°C; T. Min: 17°C ; RH: 68-90 %	Partly cloudy sky forecasted with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 20-25°C and 15-16°C respectively. Expected morning and evening relative humidity will be 87-92% and 54-79% respectively. Expected wind direction is West with speed range of 4-7 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

- ICAR Basar recommend poultry variety VANARAJA for backyard rearing

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Maize/ cowpea	Sowing		<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
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Fruiting		<ul style="list-style-type: none"> • Pick/harvest green pods at 4/5 days interval to stimulate new flowers. • Harvest on dry/sunny weather when the plant get try
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Sowing of pre-summer vegetables like French bean, capsicum etc advocated • Seed treatment with Imidichloropid @ 1-2g/10kg is recommended before sowing
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> • On 1st, foliar spray of micronutrients like Tracel@4g/lit of water to maintain proper health of tree recommended. • Remove all water sprouts from the base of the plant • On dry/sunny day, remove the wooden frass present in between the joints of the tree trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent@5ml in the larval tunnel with the help of disposable syringe and push the cotton swab soaked in Dichlorovos solution in the larval tunnel. • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off. • In case of citrus aphid attack, spray Quinalphos or Dimethoate 0.05 percent and repeat it after every 7 days
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • On prolong rain, provide sugar syrup
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous	<ul style="list-style-type: none"> • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision

		membrane of the mouth and foot.)	
Poultry	All stages		<ul style="list-style-type: none"> • Follow ‘All in All out’ system of rearing and do not rear birds of different age groups together. • Provide adequate clean drinking water+electrolyte and multi-vitamins • Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.

**Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call
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(Integrated Agro-Meteorological Advisory Services)



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

District: Kurung Kumey

No: 18/2017/Fri

Dated: 3rd March 2017



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

Weather summary of the previous week	Weather forecast valid up to 8 th March 2016
Past weather summary not available	Partly cloudy sky with possibility of light rainfall up to 6 th March. Daily maximum and minimum temperature for the following period is predicted to be 15-18°C and 8°C respectively. Expected morning and evening relative humidity will be 85-90% and 49-65% respectively. Wind direction is W with speed range of 2-5 kmph.
Warning	NIL

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Sowing		<ul style="list-style-type: none"> • Sowing of pea recommended for higher altitudes after 6 March
VEGETABLES			
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Sowing of pre-summer vegetables like French bean, capsicum etc advocated • Seed treatment with Imidichloropid @ 1-2g/10kg is recommended before sowing
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar/aphids	<ul style="list-style-type: none"> • Foliar spray of micronutrients like Tracel@4g/lit of water to maintain proper health of tree recommended before 2nd March. • Remove all water sprouts from the base of the plant • On dry/sunny day, remove the wooden frass present in between the joints of the tree trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent@5ml in the larval tunnel with the help of disposable syringe and push the cotton swab soaked in Dichlorovos solution in the larval tunnel. • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off. • In case of citrus aphid attack, spray Quinalphos or Dimethoate 0.05 percent and repeat it after every 7 days
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Kiwi	Planting		<ul style="list-style-type: none"> • Pit size: 60cmX60cmX60cm • Spacing: 6mX4m (Plant to plant and row to row) • In kiwi the male and female plants are borne on different vines. So a male plant is provided for pollination of 6-8 plants at every third plant from the second row. • Pit filling: mixture of top soil, 20-30kg FYM along with chloropyriphos@25-30g/pit (to avoid insect damage)
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
			<ul style="list-style-type: none"> • Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together. • Avoid overcrowding.

			<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 and multi-vitamins • Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➢ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.
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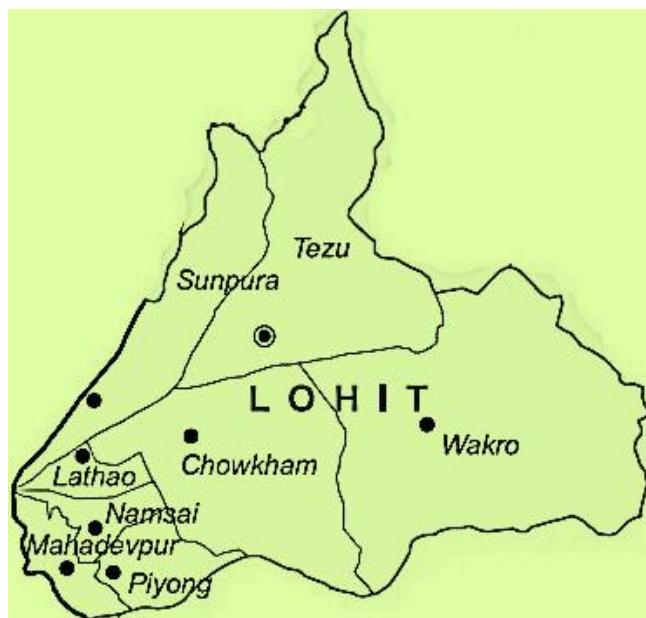


**ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101**

District: Lohit

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = 0.0 mm (Tezu)	Partly cloudy sky with possibility of light/rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 15-18°C and 8-9°C respectively. Expected morning and evening relative humidity will be 81-95% and 45-67% respectively. Wind direction is ENE with speed range of 3-5 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Fruiting		<ul style="list-style-type: none"> • Pick/harvest green pods at 4/5 days interval to stimulate new flowers. • Harvest on dry/sunny weather when the plant get try
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Provide sugar syrup near the box • Add insulation and ventilation systems
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together. • Avoid overcrowding. • Avoid rearing of Day-Old-Chicks • 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. <ul style="list-style-type: none"> ➢ Day old chick: HVT Marek disease vaccine, 4-7 days:

			F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. <ul style="list-style-type: none"> • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
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**

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = 27.6 mm (Roing)	Partly cloudy sky with possibility of light/rather heavy rainfall. Daily maximum and minimum temperature for the following period is predicted to be 15-18°C and 7-8°C respectively. Expected morning and evening relative humidity will be 78-93% and 56-74% respectively. Wind direction is East with speed range of 6-7 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

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			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Fruiting		<ul style="list-style-type: none"> • Pick/harvest green pods at 4/5 days interval to stimulate new flowers. • Harvest on dry/sunny weather when the plant get try
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together. • Avoid overcrowding. • Avoid rearing of Day-Old-Chicks • Provide sufficient bedding materials to keep them warm • Provide adequate clean drinking water+electrolyte and multi-

			<ul style="list-style-type: none"> vitamins • Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➤ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision

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**

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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



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

District: Lower Subansiri

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = 0.0 mm (Ziro)	Mostly sunny weather with possibility of light/moderate rainfall in few places. Daily maximum and minimum temperature for the following period is predicted to be 15-17°C and 6°C respectively. Expected morning and evening relative humidity will be 88-95% and 52-66% respectively. Wind direction is WSW with speed range of 2-4 kmph.
Warning:	Thunderquall with wind speed reaching 60 kmph is very likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- 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			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Sowing		<ul style="list-style-type: none"> • Sowing of pea recommended for higher altitudes
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Sowing of pre-summer vegetables like French bean, capsicum etc advocated • Seed treatment with Imidichloropid @ 1-2g/10kg is recommended before sowing
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar/ aphids	<ul style="list-style-type: none"> • On sunny day, foliar spray of micronutrients like Tracel@4g/lit of water to maintain proper health of tree. • Remove all water sprouts from the base of the plant • On dry/sunny day, remove the wooden frass present in between the joints of the tree trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent@5ml in the larval tunnel with the help of disposable syringe and push the cotton swab soaked in Dichlorovos solution in the larval tunnel. • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off. • In case of citrus aphid attack, spray Quinalphos or Dimethoate 0.05 percent and repeat it after every 7 days
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Kiwi	Planting		<ul style="list-style-type: none"> • Pit size: 60cmX60cmX60cm • Spacing: 6mX4m (Plant to plant and row to row) • In kiwi the male and female plants are borne on different vines. So a male plant is provided for pollination of 6-8 plants at every third plant from the second row. • Pit filling: mixture of top soil, 20-30kg FYM along with chloropyriphos@25-30g/pit (to avoid insect damage)
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Box must be covered with straw/dry leaves to provide warmth

LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. Animals should be given lukewarm feed and water. All animals should be tethered in a covered shelter. Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> Follow 'All in All out' system of rearing and do not rear birds of different age groups together. Avoid overcrowding. Avoid rearing of Day-Old-Chicks 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. <ul style="list-style-type: none"> Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.

**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**

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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

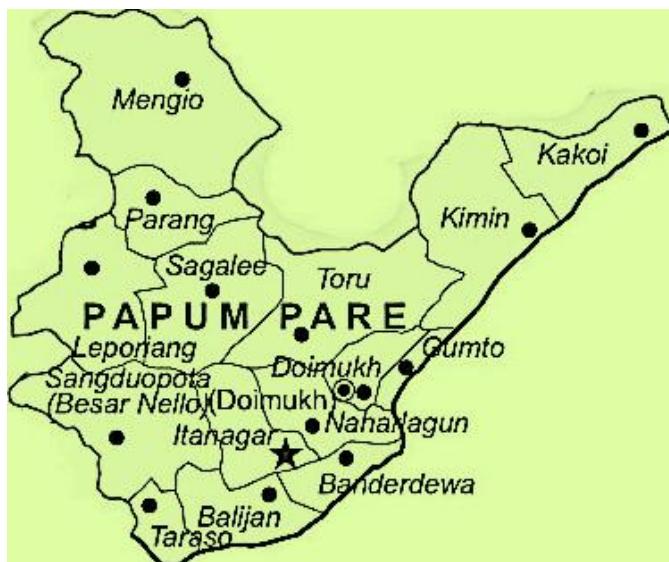


**ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101**

District: Papum Pare

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall: 11.6 mm; T. Max: 29.0°C; T. Min: 15.0°C ; RH: 0-83%	Generally clear/dry weather forecasted with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 24-26°C and 14-15°C respectively. Expected morning and evening relative humidity will be 85-95% and 44-56% respectively. Expected wind direction is ESE with speed range of 3-5 kmph.
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			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Fruiting		<ul style="list-style-type: none"> • Pick/harvest green pods at 4/5 days interval to stimulate new flowers. • Harvest on dry/sunny weather when the plant get try
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Sowing of pre-summer vegetables like French bean, capsicum etc advocated • Seed treatment with Imidichloropid @ 1-2g/10kg is recommended before sowing
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar/ aphids	<ul style="list-style-type: none"> • On dry/sunny days, foliar spray of micronutrients like Tracel@4g/lit of water to maintain proper health of tree • Remove all water sprouts from the base of the plant • On dry/sunny day, remove the wooden frass present in between the joints of the tree trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent@5ml in the larval tunnel with the help of disposable syringe and push the cotton swab soaked in Dichlorovos solution in the larval tunnel. • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off. • In case of citrus aphid attack, spray Quinalphos or Dimethoate 0.05 percent and repeat it after every 7 days
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous)	<ul style="list-style-type: none"> • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision

		membrane of the mouth and foot.)	
Poultry	All stages		<ul style="list-style-type: none"> Follow 'All in All out' system of rearing and do not rear birds of different age groups together. Avoid overcrowding. Provide adequate clean drinking water+electrolyte and multi-vitamins Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.
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**

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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



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

District: Tawang

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = 0.0 mm	Mostly sunny weather with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 15-18°C and 6°C respectively. Expected morning and evening relative humidity will be 65-70% and 39-45% respectively. Wind direction is SW with probable speed range of 8-10 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Kiwi	Planting		<ul style="list-style-type: none"> • Pit size: 60cmX60cmX60cm • Spacing: 6mX4m (Plant to plant and row to row) • In kiwi the male and female plants are borne on different vines. So a male plant is provided for pollination of 6-8 plants at every third plant from the second row. • Pit filling: mixture of top soil, 20-30kg FYM along with chloropyriphos@25-30g/pit (to avoid insect damage)
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Provide sugar syrup near the box • Add insulation and ventilation systems
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision

Poultry	All stages		<ul style="list-style-type: none"> Follow 'All in All out' system of rearing and do not rear birds of different age groups together. Avoid overcrowding. Avoid rearing of Day-Old-Chicks 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. <ul style="list-style-type: none"> Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> Best time to prepare the culture pond like cleaning aquatic weeds.
Cattle	All stages	FMD	<ul style="list-style-type: none"> 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.
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**

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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



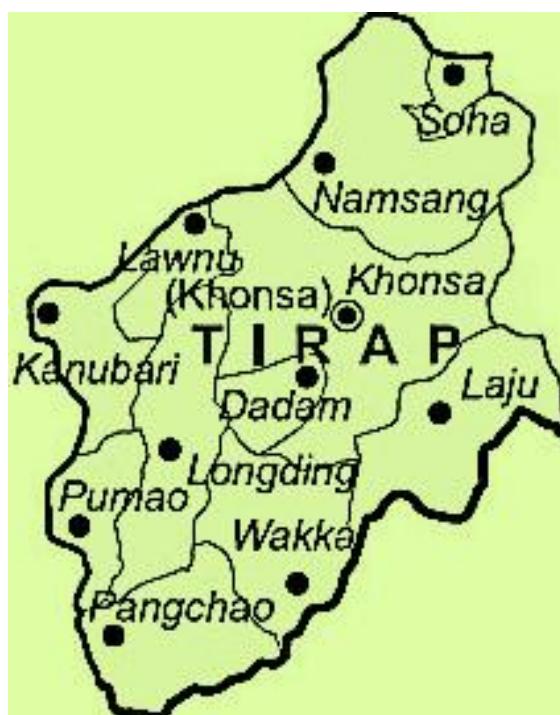
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ICAR - RCNEH

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

District: Tirap

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 5 th March 2017
Rainfall = NA (Deomali)	Mostly sunny weather forecasted with light rainfall up to 6th March. Daily maximum and minimum temperature for the following period is predicted to be 24-28°C and 16-18°C respectively. Expected morning and evening relative humidity will be 96-100% and 43-63% respectively. Wind direction is SE with speed range of 0-2 kmph.
Warning:	NIL

Weather Based Agro-meteorological Advisories Bulletin

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Maize/ cowpea	Sowing		<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
Potato	Harvesting		<ul style="list-style-type: none"> Store potatoes in a cool, well ventilated place Do not store the tubers immediately if they are exposed to rain after harvest. Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases Don't wash potatoes before storing as dampness promotes early spoilage. Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Fruiting		<ul style="list-style-type: none"> Pick/harvest green pods at 4/5 days interval to stimulate new flowers. Harvest on dry/sunny weather when the plant get try
VEGETABLES			
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> Sowing of pre-summer vegetables like French bean, capsicum etc advocated Seed treatment with Imidichloropid @ 1-2g/10kg is recommended before sowing
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> Foliar spray of micronutrients like Tracel@4g/lit of water to maintain proper health of tree. Remove all water sprouts from the base of the plant On dry/sunny day, remove the wooden frass present in between the joints of the tree trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent@5ml in the larval tunnel with the help of disposable syringe and push the cotton swab soaked in Dichlorovos solution in the larval tunnel. Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off. In case of citrus aphid attack, spray Quinalphos or Dimethoate 0.05 percent and repeat it after every 7 days
Large Cardamom	Vegetative		<ul style="list-style-type: none"> Remove dry, diseased and old tillers and branches Proper shade management Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
			<ul style="list-style-type: none"> Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> Keep the houses dry and clean. 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> Follow 'All in All out' system of rearing and do not rear birds of different age groups together. Avoid overcrowding. Provide adequate clean drinking water+electrolyte and multi-vitamins Vaccination as per the schedule with proper consultation with vet.

			<ul style="list-style-type: none"> ➤ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain.
Fishery			<ul style="list-style-type: none"> • Remove wet litter/provide artificial heating and light • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.

**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**

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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



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

District: Upper Siang

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = 4.2 mm (Tuting)	Partly cloudy weather with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 15-18°C and 6-7°C respectively. Expected morning and evening relative humidity will be 76-81% and 43-54% respectively. Wind direction is South with speed range of 5-6 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

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 poly-houses 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			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Kiwi	Planting		<ul style="list-style-type: none"> • Pit size: 60cmX60cmX60cm • Spacing: 6mX4m (Plant to plant and row to row) • In kiwi the male and female plants are borne on different vines. So a male plant is provided for pollination of 6-8 plants at every third plant from the second row. • Pit filling: mixture of top soil, 20-30kg FYM along with chloropyriphos@25-30g/pit (to avoid insect damage)
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Box must be covered with straw/dry leaves to provide warmth • Provide sugar syrup
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of

			age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> Follow 'All in All out' system of rearing and do not rear birds of different age groups together. Avoid overcrowding. Avoid rearing of Day-Old-Chicks 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. <ul style="list-style-type: none"> Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. Pregnant animals above 7 months of pregnancy should be avoided.

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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कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



GRAMIN KRISHI MAUSAM SEWA
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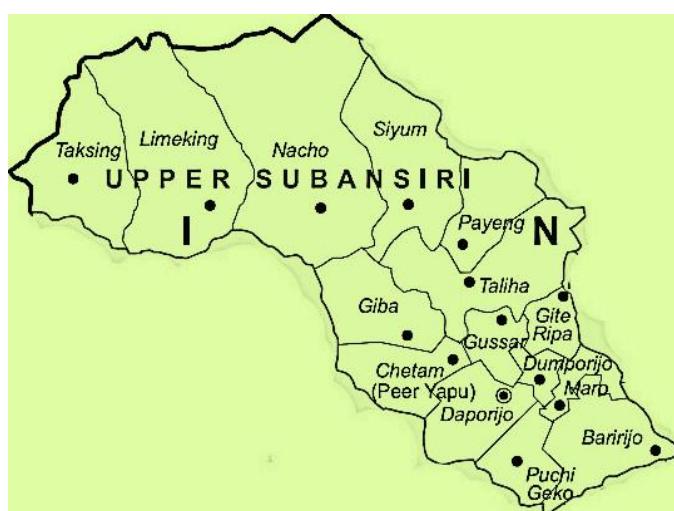


ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101

District: Upper Subansiri

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = NA (Puchi Geko); Daporijo: 2.2 mm	Partly cloudy weather with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 14-16°C and 6°C respectively. Expected morning and evening relative humidity will be 90-94% and 59-66% respectively. Expected wind direction is NW with speed range of 2-4 kmph.
Warning	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places.

Weather Based Agro-meteorological Advisories Bulletin

- Disinfecting the animal/bird sheds with lime powder/ bleaching powder/ 4%NaOH at regular interval is advocated
- 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			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> • Foliar spray of micronutrients like Tracel@4g/lit of water to maintain proper health of tree. • Remove all water sprouts from the base of the plant • On dry/sunny day, remove the wooden frass present in between the joints of the tree trunk and inject Dichlorovos (DDVP) 76 EC 0.1 percent@5ml in the larval tunnel with the help of disposable syringe and push the cotton swab soaked in Dichlorovos solution in the larval tunnel. • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Kiwi	Planting		<ul style="list-style-type: none"> • Pit size: 60cmX60cmX60cm • Spacing: 6mX4m (Plant to plant and row to row) • In kiwi the male and female plants are borne on different vines. So a male plant is provided for pollination of 6-8 plants at every third plant from the second row. • Pit filling: mixture of top soil, 20-30kg FYM along with chloropyriphos@25-30g/pit (to avoid insect damage)
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Provide sugar syrup near the box • Add insulation and ventilation systems
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets.

		of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow ‘All in All out’ system of rearing and do not rear birds of different age groups together. • Avoid overcrowding. • Avoid rearing of Day-Old-Chicks • 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. <ul style="list-style-type: none"> ➢ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.

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**

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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



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

District: West Kameng

No: 18/2017/Fri

Dated: 3rd March 2017



Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = Bomdila: 0.0 mm; Bhalukpong: 0.0 mm	Mostly sunny weather with possibility of light rainfall. Daily maximum and minimum temperature for the following period is predicted to be 15-17°C and 5-6°C respectively. Expected morning and evening relative humidity will be 66-78% and 40-42% respectively. Wind direction is SSW with speed range of 5-7 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

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			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Fruiting		<ul style="list-style-type: none"> • Pick/harvest green pods at 4/5 days interval to stimulate new flowers. • Harvest on dry/sunny weather when the plant get try
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage		<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Kiwi	Planting		<ul style="list-style-type: none"> • Pit size: 60cmX60cmX60cm • Spacing: 6mX4m (Plant to plant and row to row) • In kiwi the male and female plants are borne on different vines. So a male plant is provided for pollination of 6-8 plants at every third plant from the second row. • Pit filling: mixture of top soil, 20-30kg FYM along with chloropyriphos@25-30g/pit (to avoid insect damage)
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Provide sugar syrup near the box • Add insulation and ventilation systems
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together. • Avoid overcrowding.

			<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 and multi-vitamins • Vaccination as per the schedule with proper consultation with vet. <ul style="list-style-type: none"> ➢ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
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Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.
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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कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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



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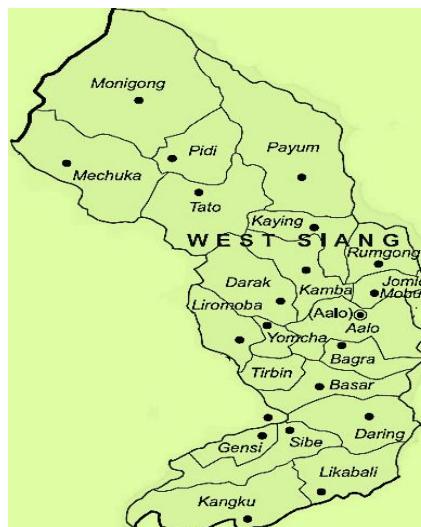
ICAR - RCMR

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

District: West Siang

No: 18/2017/Fri

Dated: 3rd March 2017



Basar: Latitude: 27°59'.53/Longitude: 94.41.269/Altitude: 616 amsl

Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = 6.8 mm. T. Max: 22.5°C, T. Min: 9.9°C, RH: 57-98%, Wind Speed: 4-5 kmph, Wind Direction: ESE	Partly cloudy sky with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 21-25°C and 13-14°C respectively. Expected morning and evening relative humidity will be 88-91% and 57-69% respectively. Wind direction is WNW with speed range of 3-4 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places.

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
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- Preference must be given on use of organic manures/bio-fertilizers & bio-pesticides
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Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage		<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Kiwi	Planting		<ul style="list-style-type: none"> • Pit size: 60cmX60cmX60cm • Spacing: 6mX4m (Plant to plant and row to row) • In kiwi the male and female plants are borne on different vines. So a male plant is provided for pollination of 6-8 plants at every third plant from the second row. • Pit filling: mixture of top soil, 20-30kg FYM along with chloropyrifos@25-30g/pit (to avoid insect damage)
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Box must be covered with straw/dry leaves to provide warmth • Provide sugar syrup
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together.

			<ul style="list-style-type: none"> • Avoid overcrowding. • Avoid rearing of Day-Old-Chicks • 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. <ul style="list-style-type: none"> ➢ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.

**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)

कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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

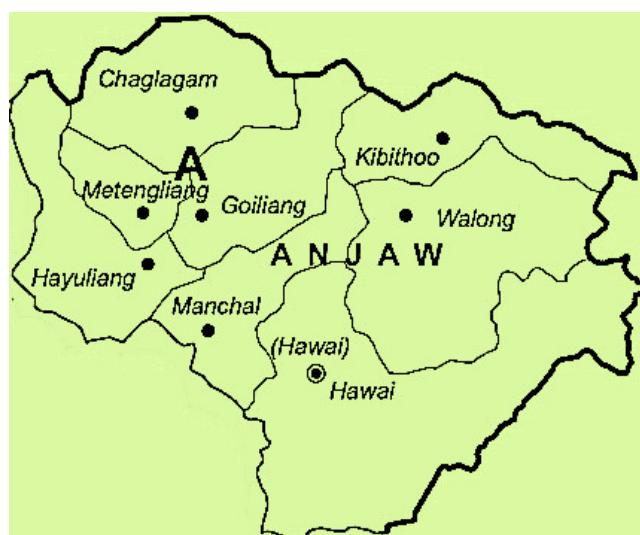


**ICAR Research Complex for NEH Region
Arunachal Pradesh Centre, Basar-791101**

District: Anjaw

No: 18/2017/Fri

Dated: 3rd March 2017



Hawai: Latitude: 28.2179994/ Longitude: 94.7277528/Altitude: 1296 m amsl

Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
No weather summary available	Partly cloudy sky with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 20-25°C and 12-13°C respectively. Expected morning and evening relative humidity will be 83-95% and 57-68% respectively. Wind will blow mostly from E at a speed range of 4-6 kmph.
Warning:	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Harvesting		<ul style="list-style-type: none"> • Early picking advocated • Avoid keeping for seed purpose as rain may damage it.
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage		<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Banana	Bunching	Cold	<ul style="list-style-type: none"> • Timely/regular removal of extra suckers, dry leaves & pseudo-stem
Kiwi	Planting		<ul style="list-style-type: none"> • Pit size: 60cmX60cmX60cm • Spacing: 6mX4m (Plant to plant and row to row) • In kiwi the male and female plants are borne on different vines. So a male plant is provided for pollination of 6-8 plants at every third plant from the second row. • Pit filling: mixture of top soil, 20-30kg FYM along with chloropyriphos@25-30g/pit (to avoid insect damage)
Agroforestry			
Toko palm	Nursery		Filling of nursery polybags for raising of takopalm seedlings
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together. • Avoid overcrowding. • Avoid rearing of Day-Old-Chicks

			<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. <ul style="list-style-type: none"> ➤ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision
Mithun		FMD	<ul style="list-style-type: none"> • Polyvalent FMD vaccine with serotype O, A and Asia at 6 months of age and repeat after that 6 months interval by sub-cutaneous route. • Pregnant animals above 7 months of pregnancy should be avoided.
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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Agro-met Advisory Bulletin

(Period: 4th to 7th March 2017)

ग्रामीण कृषि मौसम सेवा



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



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

District: Changlang

No: 18/2017/Fri

Dated: 3rd March 2017



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

Weather summary of the previous week	Weather forecast valid up to 8 th March 2017
Rainfall = Changlang: 2.2 mm Miao: 0.0 mm	Sunny/Partly cloudy sky with possibility of light/moderate rainfall. Daily maximum and minimum temperature for the following period is predicted to be 22-26°C and 12-13°C respectively. Expected morning and evening relative humidity will be 82-97% and 43-71% respectively. Wind direction is E with speed range of 2-4 kmph.
Warning	Thundersquall with wind speed reaching 60 kmph is very likely to occur at isolated places

Weather Based Agro-meteorological Advisories Bulletin

General Recommendations

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

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Potato	Harvesting		<ul style="list-style-type: none"> • Store potatoes in a cool, well ventilated place • Do not store the tubers immediately if they are exposed to rain after harvest. • Avoid bruising and skinning of tubers otherwise tubers become susceptible to rot diseases • Don't wash potatoes before storing as dampness promotes early spoilage. • Sorting and removal of rotted and damaged tubers before and after storage.
Pea	Fruiting		<ul style="list-style-type: none"> • Pick/harvest green pods at 4/5 days interval to stimulate new flowers. • Harvest on dry/sunny weather when the plant get try
VEGETABLES			
Tomato	Vegetative		<ul style="list-style-type: none"> • Cover the crop with polyethene/cloths to protect from frost/rain • The rain is a problem not just because of the fungus/disease issues, it also has a direct relationship with tomato taste and fruit cracking, keeping the plant dry is not sufficient, if a lot of rain entering the root zone the plant will readily absorb this excess moisture { basically the fruit gets a gut full of water } and that weakens the nutrients and this in turn also lowers the fruit dry matter and the fruit swells faster than the fruit skin can expand and this pressure causes the fruit to crack.
Pre-summer vegetables	Sowing		<ul style="list-style-type: none"> • Avoid sowing of pre-summer vegetables like okra, frenchbean etc as the germination percentage will be very low • Right time for transplanting the ready seedlings of chili, tomato, capsicum etc.
HORTICULTURAL CROPS			
Citrus	Floral bud differentiation stage	Bark eating caterpillar	<ul style="list-style-type: none"> • Remove all water sprouts from the base of the plant • Provide drainage ditches with gravel or stones to prevent erosion and allow vegetation to grow in ditches to slow run off.
Large Cardamom	Vegetative		<ul style="list-style-type: none"> • Remove dry, diseased and old tillers and branches • Proper shade management • Field sanitation and nutrient management
Honey Bees			
Honey bees			<ul style="list-style-type: none"> • Box must be covered with straw/dry leaves to provide warmth • Provide sugar syrup
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	<ul style="list-style-type: none"> • Provide adequate bedding material (paddy straw, rice husk) to newly born piglets. • Animals should be given lukewarm feed and water. • All animals should be tethered in a covered shelter. Keep the houses dry and clean. • 1st injection at 6 months of age and 2nd injection at 12 months of age followed by annual vaccination under vet supervision
Poultry	All stages		<ul style="list-style-type: none"> • Follow 'All in All out' system of rearing and do not rear birds of different age groups together. • Avoid overcrowding. • Avoid rearing of Day-Old-Chicks • 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. <ul style="list-style-type: none"> ➤ Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days:

			F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain. <ul style="list-style-type: none"> • Remove wet litter/provide artificial heating and light
Fishery			<ul style="list-style-type: none"> • Best time to prepare the culture pond like cleaning aquatic weeds
Cattle	All stages	FMD	<ul style="list-style-type: none"> • 1st injection at 6-8 weeks of age, 2nd injection after 6 months of 1st injection followed by annual vaccination under vet supervision

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**Agrometeorological Field Unit
ICAR, BASAR**