कृषि मौसम सलाहकार सेवा पत्रिका

Agro-met Advisory Bulletin

(Period: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

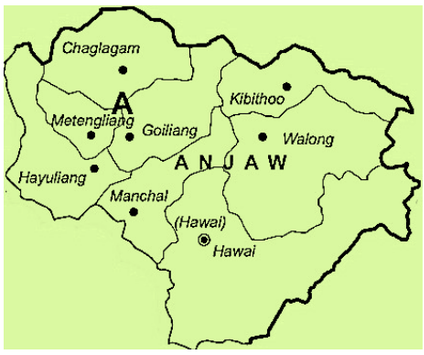
ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Anjaw



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

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
No weather summary available	**Mostly cloudy with possibility of moderate to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 25-26°C and 16-17°C respectively. Expected morning and evening relative humidity will be 82-93% and 62-84% respectively. Wind direction is mainly E with average wind speed range of 2-7 kmph.
Warning:	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Transplantation / leaf elongation	Stem borer	• **On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff** • **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid**

			loss of top soil due to heavy rainfall. • **Keep the surrounding clean/ weed free to avoid disease/pest harboring** • **Manual weeding advocated during clear dry days.**
Pea	Maturity	Powdery mildew/ leaf eating insects	❖ **Green pods can he harvested during sunny days** ❖ Provide adequate drainage and avoid water stagnation near the base of the plants. ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Harvesting	Aphids	❖ **Harvest during clear/dry days** ❖ Provide adequate drainage ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Summer vegetables	Sowing		❖ **Right time for transplantation of healthy seedlings to main field from nursery** ❖ Sowing advocated during clear/dry days ❖ Provide adequate drainage to already sown crops
HORTICULTURAL CROPS			
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Citrus	Flowering	Fruit drop/ Phytophthora	• **Foliar application of micronutrient/multiplex @ 0.2% should be done to prevent flower drop** • During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. • During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation. ❖ **Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.**
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
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.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Day old chick-Maintain warmth by lighting,
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural**

			crop at embankment/dyke of the earthen fish pond. ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Cattle	All stages	FMD	❖ **Deworming using antihelmintic drugs like Oxyclozanide/ Pyrantel.** ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
Mithun		FMD	❖ 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 from vaccination.
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)

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Changlang

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

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = Changlang: 0.0 mm Miao: 19.4 mm (up to 17th April)	**Mostly cloudy with possibility of rather heavy to heavy rain.** Daily maximum and minimum temperature for the following period is predicted to be 29-30°C and 21-22°C respectively. Expected morning and evening relative humidity will be 87-97% and 38-56% respectively. Wind direction is mainly E & ESE with speed range of 4-5 kmph.
Warning	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum rice	Rooting/ Leaf elongation		• **Provide proper drainage and soil conservation measures like mulching with locally available materials.** • **Keep the periphery clean** • **Avoid application of fertilizer and insecticides/pesticides**
Rice	Leaf Elongation/ Tillering	Stem borer	• **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in

			rice nursery as well as in main field.
Maize	Pod formation	Soybean looper	❖ **Provide proper drainage** ❖ **Spray Azadirachtin 0.15% EC 2@ 6ml/lit** ❖ **Monitor the crop against attack of insect pests,**
Pea	Seed development/ maturity	Powdery mildew/ leaf eating insects	❖ **Harvest mature crops** ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
French Bean	Sowing		❖ In present weather conditions, sowing of quality seeds may be done, ❖ Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
Okra	Sowing		❖ Procure quality seed from certified agency. ❖ Avoid sowing during rainy days
Summer vegetables	Sowing/ vegetative	Flea beetles/ fungal diseases	❖ During clear/dry days, spray azadirachtin0.15EC@6ml/lit against flea beetles ❖ During clear/dry days, spray carbandazim/Mancozab@2gm/lit to control fungal diseases in summer vegetables.
HORTICULTURAL CROPS			
Citrus	Flowering	Phytophthora	• **During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.** • **During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.** • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Guava	Flowering		❖ **Avoid water logging in the basin,** ❖ **Basin cleaning in half moon system is advised,**
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation. ❖ **Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.**
Banana	Bunching		❖ Denavelling (removal of male bud) & bagging of bunches advocated..
HONEY BEES			
Honey bees			❖ Box must be covered with straw/dry leaves to provide warmth ❖ Provide sugar syrup
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.** ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.)	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.**

		Swine Fever	❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry.** ❖ **Feed grains in the morning/evening to supplement scavenging.**
Goat	All stages		❖ Deworming for gastrointestinal parasite
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

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Agrometeorological Field Unit
ICAR, BASAR

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Upper Dibang Valley

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

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = 1.0 mm (Anini) (up to 17th April)	**Mostly cloudy with possibility of rather heavy to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 23-24°C and 15-16°C respectively. Expected morning and evening relative humidity will be 94-99% and 71-92% respectively. Wind direction is mainly E & ENE with speed range of 3-5 kmph.
Warning:	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Transplantation / leaf elongation	Stem borer	• **On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff** • **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It

			will reduce the carryover of the infestation to the main field.
Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.** • **Keep the surrounding clean/ weedfree to avoid disease/pest harboring**
Pea	Maturity	Powdery mildew/ leaf eating insects	❖ **Green pods can he harvested during sunny days** ❖ Provide adequate drainage and avoid water stagnation near the base of the plants. ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Harvesting	Aphids	❖ **Harvest during clear/dry days** ❖ Provide adequate drainage ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
Potato	Maturity/ Harvesting		❖ **Harvesting recommended during clear/dry days** ❖ Store already harvested potatoes in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
HORTICULTURAL CROPS			
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
Citrus	Flowering	Fruit drop/ Phytophthora	• **Foliar application of micronutrient/multiplex @ 0.2% should be done to prevent flower drop** • During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. • During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation.
Kiwi	Flowering		❖ **Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.**
Honey Bees			
Honey bees			❖ Cover the boxes with locally available dry grass or straw to provide warmth ❖ Provide sugar syrup in a bowl in front of the box in case of heavy rainfall
LIVESTOCKS			
Livestock	**Stage**	**Disease**	**Precautionary Practices to be followed**
❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.**

			❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ **Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.**
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Supportive treatment of infected animals under supervision of veterinary department officials, ❖ Avoid mixing of infected and healthy animals, ❖ Keep infected animals separated from the healthy ones, ❖ Vaccinate the healthy animals against FMD (Through State Veterinary Dept.) ❖ Provide feed supplements
Mithun		FMD	❖ 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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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: East Kameng

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = 5.3 mm (up to 17th April)	**Mostly cloudy with possibility rather heavy to heavy rain.** Daily maximum and minimum temperature for the following period is predicted to be 26-27°C and 19-20°C respectively. Expected morning and evening relative humidity will be 84-98% and 57-70% respectively. Expected wind direction is mainly ESE with speed range of 2-4 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.** • **Keep the surrounding clean/ weedfree to avoid disease/pest harboring**
Maize	Pod formation	Soybean looper	❖ **Provide proper drainage** ❖ **Spray Azadirachtin 0.15% EC 2@ 6ml/lit** ❖ **Monitor the crop against attack of insect pests,**

Rice	Nursery/trans plantation	Stem borer	• **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • **Wet seed treatment for 12hrs. in Carbendazim 50% WP (1g/litre of water) & Chlorpyriphos 20% EC (2ml in 10 litres of water) solution before sowing.** • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field. • Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Pea	Pod mature	Birds	❖ **Avoid water stagnation near base of the plants** ❖ **Harvest of green pods,** ❖ **Use of scare crow and tying of bird scare tape around the crop field,**
❖ VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
Summer vegetables	Sowing/ vegetative	Flea beetles/ fungal diseases	❖ During clear/dry days, spray azadirachtin0.15EC@6ml/lit against flea beetles ❖ During clear/dry days, spray carbandazim/Mancozab@2gm/lit to control fungal diseases in summer vegetables.
Potato	Maturity/ harvesting		❖ **Harvest only during clear/dry days**
HORTICULTURAL CROPS			
Citrus	Flowering	Bark eating caterpillar	• Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ **Mulching with straw/crop residue at root zone to avoid frost injury in banana.**
Large Cardamom	Vegetative/ flowering stage		❖ Provide proper drainage to avoid water stagnation in the base of the plants.
LIVESTOCKS			
Livestock	**Stage**	**Disease**	**❖ Precautionary Practices to be followed**
			❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Pigs	All stages		❖ **Avoid dampness and cover weak and sick animals with sack cloth.** ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Goat	All stages		❖ Deworming for gastrointestinal parasite
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural**

			crop at embankment/dyke of the earthen fish pond. ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
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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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: East Siang

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

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall: 104.8 mm; T. Max: 32.0°C; T. Min: 18.0°C ; RH: 54-100% (up to 17th April)	**Mostly cloudy with possibility of moderate to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 28-30°C and 22-24°C respectively. Expected morning and evening relative humidity will be 95-99% and 46-93% respectively. Expected wind direction is mainly variable with speed range of 2-6 kmph.
Warning:	• **Nil**

Weather Based Agro-meteorological Advisories Bulletin

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Leaf Elongation/ Tillering	Stem borer	• **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Jhum rice	Rooting/ Leaf elongation		• **Provide proper drainage and soil conservation measures like mulching with locally available materials.**

			• **Keep the periphery clean** • **Avoid application of fertilizer and insecticides/pesticides**
Maize	Pod formation	Soybean looper	❖ **Provide proper drainage** ❖ **Spray Azadirachtin 0.15% EC 2@ 6ml/lit** ❖ **Monitor the crop against attack of insect pests,**
Pea	Pod mature	Birds	❖ **Harvest of green pods,** ❖ **Use of scare crow and tying of bird scare tape around the crop field,**
Toria/ Mustard	Maturity/ Harvesting	**Aphid**	❖ Harvesting of mature crop, ❖ **If only infestation is high, Spraying of dimethoate @ 2 ml per litre of water is advised using proper sticker,**
VEGETABLES			
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Summer vegetables	Sowing/ vegetative	Flea beetles/ fungal diseases	❖ During clear/dry days, spray azadirachtin0.15EC@6ml/lit against flea beetles ❖ During clear/dry days, spray carbandazim/Mancozab@2gm/lit to control fungal diseases in summer vegetables.
HORTICULTURAL CROPS			
Citrus	Flowering	Phytophthora	• **During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.** • **During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.** • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Guava	Flowering		❖ **Avoid water logging in the basin,** ❖ **Basin cleaning in half moon system is advised,**
Banana	Bunching		❖ Denavelling (removal of male bud) & bagging of bunches advocated..
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation. ❖ **Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.**
Honey Bees			
Honey bees			❖ Cover the boxes with locally available dry grass or straw to provide warmth
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.** ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water.

			❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Day old chick-Maintain warmth by lighting, ❖ **Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.**
Goat	All stages		❖ Deworming for gastrointestinal parasite
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
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: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Kurung Kumey

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

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Past weather summary not available	**Mostly cloudy with possibility of moderate to heavy rain.** Daily maximum and minimum temperature for the following period is predicted to be 22-23°C and 14-15°C respectively. Expected morning and evening relative humidity will be 93-95% and 73-78% respectively. Wind direction is mainly S with wind speed range of 3-7 kmph.
Warning	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Transplantation / leaf elongation	Stem borer	• **On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff** • **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.

Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.** • **Keep the surrounding clean/ weedfree to avoid disease/pest harboring**
Pea	Maturity	Powdery mildew/ leaf eating insects	❖ **Green pods can he harvested during sunny days** ❖ Provide adequate drainage and avoid water stagnation near the base of the plants. ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Harvesting	Aphids	❖ **Harvest during clear/dry days** ❖ Provide adequate drainage ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
Summer vegetables	Sowing		❖ **Sowing advocated during clear/dry days**
Cabbage/ Cauliflower	Harvesting		❖ **Harvest mature crop.** ❖ **Constantly monitor against attack of insects pests/mole.**
HORTICULTURAL CROPS			
Citrus	Flowering	Fruit drop/ Phytophthora	• **Foliar application of micronutrient/multiplex @ 0.2% should be done to prevent flower drop** • During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. • During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation.
Temperate fruits	After harvesting		❖ Training & pruning of the temperate crops (apple/pears/peach) is recommended ❖ **In case of flowering, stop spraying insecticides/pesticides**
Pineapple	Harvesting		❖ **After winter harvest, collection/Selection of suckers & slip to be done for next season planting**
Kiwi	Flowering		❖ **Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.**
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ **Mulching with straw/crop residue at root zone to avoid frost injury in banana.**
Honey Bees			
			❖ Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
General			
❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding**			

❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Livestock	**Stage**	**Disease**	**Precautionary Practices to be followed**
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.** ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.**
Mithun		FMD	❖ 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: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

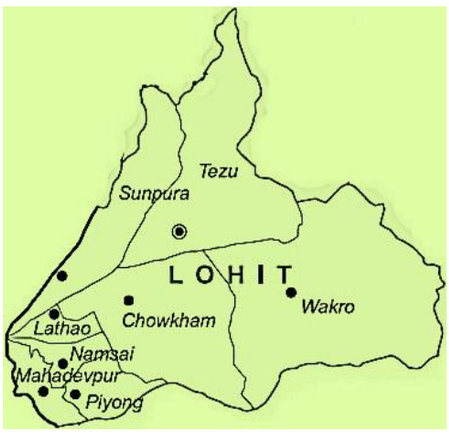
ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Lohit



Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = 42.4 mm (up to 17th April)	**Mostly cloudy with possibility of rather heavy to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 28-29°C and 20-21°C respectively. Expected morning and evening relative humidity will be 91-97% and 67-76% respectively. Wind direction is mainly SSW & SSE with speed range of 2-3 kmph.
Warning:	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Leaf Elongation/ Tillering	Stem borer	• **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Jhum rice	Rooting/ Leaf elongation		• **Provide proper drainage and soil conservation measures like mulching with locally available materials.** • **Keep the periphery clean** • **Avoid application of fertilizer and insecticides/pesticides**

Maize	Pod formation	Soybean looper	❖ **Provide proper drainage** ❖ **Spray Azadirachtin 0.15% EC 2@ 6ml/lit** ❖ **Monitor the crop against attack of insect pests,**
Pea	Seed development	Powdery mildew/ leaf eating insects	❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Summer vegetables	Sowing/ vegetative	Flea beetles/ fungal diseases	❖ During clear/dry days, spray azadirachtin0.15EC@6ml/lit against flea beetles ❖ During clear/dry days, spray carbandazim/Mancozab@2gm/lit to control fungal diseases in summer vegetables.
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
French Bean	Sowing		❖ **Sowing of quality seeds advocated**
Okra	Sowing		❖ **Proper drainage to already sown crops** ❖ **Avoid fresh sowing**
HORTICULTURAL CROPS			
Guava	Flowering		❖ **Avoid water logging in the basin,** ❖ **Basin cleaning in half moon system is advised,**
Citrus	Flowering	Phytophthora	• **During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.** • **During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.** • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Banana	Bunching		❖ Denavelling (removal of male bud) & bagging of bunches advocated..
Kiwi	Pruning/Training		❖ **Diseased and senile branches should be removed.** ❖ **Pruning should be done retaining 8-10 buds per branch for enhancing new flush and flowering.** ❖ **Pruned healthy hard wood of pencil thickness size having 4-5 buds can be used as cutting for propagation**
Large Cardamom	Fruiting	Chirkey Disease	❖ **Remove dry/diseased/old tillers & branches & spray Bio NPK@ 2ml/lit water for proper growth on clear/dry days.**
Honey Bees			
Honey bees			❖ Cover the boxes with locally available dry grass or straw to provide warmth
LIVESTOCKS			
Livestock	**Stage**	**Disease**	**Precautionary Practices to be followed**
❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.** ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth.

			❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Day old chick-Maintain warmth by lighting, ❖ **Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.**
Goat	All stages		❖ Deworming for gastrointestinal parasite
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
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: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Lower Dibang Valley

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = 98.0 mm (Roing) (up to 17th April)	**Mostly cloudy with possibility of rather heavy to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 27-28°C and 20-21°C respectively. Expected morning and evening relative humidity will be 96-99% and 65-91% respectively. Wind direction is mainly variable with speed range of 2-5 kmph.
Warning:	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Leaf Elongation/ Tillering	Stem borer	• **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Jhum rice	Rooting/ Leaf elongation		• **Provide proper drainage and soil conservation measures like mulching with locally available materials.** • **Keep the periphery clean**

			• **Avoid application of fertilizer and insecticides/pesticides**
Maize	Pod formation	Soybean looper	❖ **Provide proper drainage** ❖ **Spray Azadirachtin 0.15% EC 2@ 6ml/lit** ❖ **Monitor the crop against attack of insect pests,**
Pea	Seed development	Powdery mildew/ leaf eating insects	❖ **Provide adequate drainage and avoid water stagnation near the base of the plants.** ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Maturity	Aphids	❖ **Provide adequate drainage** ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
Summer vegetables	Sowing/ vegetative	Flea beetles/ fungal diseases	❖ During clear/dry days, spray azadirachtin0.15EC@6ml/lit against flea beetles ❖ During clear/dry days, spray carbandazim/Mancozab@2gm/lit to control fungal diseases in summer vegetables.
French Bean	Vegetative/flowering		❖ **Proper drainage**
Okra	Vegetative		❖ **Provide proper drainage**
HORTICULTURAL CROPS			
Citrus	Flowering	Phytophthora	• **During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.** • **During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.** • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Guava	Flowering		❖ **Avoid water logging in the basin,** ❖ **Basin cleaning in half moon system is advised,**
Banana	Bunching		❖ Denavelling (removal of male bud) & bagging of bunches advocated..
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation. ❖ **Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.**
Honey Bees			
Honey bees			❖ Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
			❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.** ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to**

		mouth and foot.) Swine Fever	**break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Day old chick-Maintain warmth by lighting, ❖ **Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.**
Goat	All stages		❖ Deworming for gastrointestinal parasite
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
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

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Lower Subansiri

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = NA	**Mostly cloudy with possibility of rather heavy to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 28-29°C and 20-21°C respectively. Expected morning and evening relative humidity will be 91-97% and 67-76% respectively. Wind direction is mainly variable with speed range of 2-3 kmph.
Warning:	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Transplantation / leaf elongation	Stem borer	• **On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff** • **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It

			will reduce the carryover of the infestation to the main field.
Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.** • **Keep the surrounding clean/ weedfree to avoid disease/pest harboring**
Pea	Maturity	Powdery mildew/ leaf eating insects	❖ **Green pods can he harvested during sunny days** ❖ Provide adequate drainage and avoid water stagnation near the base of the plants. ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Harvesting	Aphids	❖ **Harvest during clear/dry days** ❖ Provide adequate drainage ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
Pre-summer vegetables	Sowing	Nursery insects	• Right time for transplanting the ready seedlings of chili, tomato, capsicum etc. • Provide proper drainage to newly transplanted seedlings and follow raised bed for sowing • Spray Azadirachtin 1% (10000 PPM) @ 1000-1500 ml in 500 litres water/ha against nursery insects
HORTICULTURAL CROPS			
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
Citrus	Flowering	Fruit drop/ Phytophthora	• **Foliar application of micronutrient/multiplex @ 0.2% should be done to prevent flower drop** • During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. • During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Guava	Flowering		❖ **Avoid water logging in the basin,** ❖ **Basin cleaning in half moon system is advised,**
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation. ❖ **Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.**
Kiwi	Flowering		❖ **Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.**
Temperate fruits	After harvesting		❖ Training & pruning of the temperate crops (apple/pears/peach) is recommended ❖ **In case of flowering, stop spraying insecticides/pesticides**
Agroforestry			
Toko palm	Nursery		❖ Filling of nursery polybags for raising of takopalm seedlings
Honey Bees			

Honey bees			❖ Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.** ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Avoid dampness and cover weak and sick animals with sack cloth.** ❖ **The bedding is always dry and that there is plenty.** ❖ **If possible wooden sleeping box should be provided.** ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Cattle	All stages	FMD	❖ **Animals should be given lukewarm feed and water.** ❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
Mithun		FMD	❖ 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: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Papum Pare

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall: 43.9 mm; T. Max: 34.0°C; T. Min: 18.0°C ; RH: 64-88% (up to 17th April)	**Mostly cloudy with possibility of rather heavy to heavy rain.** Daily maximum and minimum temperature for the following period is predicted to be 29-30°C and 22-23°C respectively. Expected morning and evening relative humidity will be 90-100% and 58-83% respectively. Expected wind direction mainly SE with speed range of 2-3 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Leaf Elongation/ Tillering	Stem borer	• **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Maize	Pod formation	Soybean looper	❖ **Provide proper drainage** ❖ **Spray Azadirachtin 0.15% EC 2@ 6ml/lit** ❖ **Monitor the crop against attack of insect pests,**

Jhum rice	Rooting/ Leaf elongation		• **Provide proper drainage and soil conservation measures like mulching with locally available materials.** • **Keep the periphery clean** • **Avoid application of fertilizer and insecticides/pesticides**
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.**
Summer vegetables	Sowing/ vegetative	Flea beetles/ fungal diseases	❖ During clear/dry days, spray azadirachtin0.15EC@6ml/lit against flea beetles ❖ During clear/dry days, spray carbandazim/Mancozab@2gm/lit to control fungal diseases in summer vegetables.
French Bean	vegetative		❖ Proper drainage should be provided ❖
HORTICULTURAL CROPS			
Citrus	Flowering	Phytophthora	• **During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.** • **During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.** • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Guava	Flowering		❖ **Avoid water logging in the basin,** ❖ **Basin cleaning in half moon system is advised,**
Banana	Bunching		❖ Denavelling (removal of male bud) & bagging of bunches advocated..
Large Cardamom	Vegetative		❖ **Provide proper drainage to avoid water stagnation in the base of the plant.**
Honey Bees			
Honey bees			❖ Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	**Stage**	**Disease**	**Precautionary Practices to be followed**
General ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.** ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Day old chick-Maintain warmth by lighting, ❖ **Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.**

Goat	All stages		❖ Deworming for gastrointestinal parasite
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
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: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Tawang

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = 7.6 mm (up to 17th April)	**Mostly/partly cloudy with possibility of moderate to rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 15-16°C and 7.0-8.0°C respectively. Expected morning and evening relative humidity will be 89-96% and 60-71% respectively. Wind direction is mainly NW & NNW with probable speed range of 2-6 kmph.
Warning:	•

GENERAL RECOMMENDATIONS

- **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**
- **Warning: Spraying of DDT in crops is lethal**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.** • **Keep the surrounding clean/ weedfree to avoid disease/pest harboring**
Maize	Vegetative		• **Monitor against insect pest attack**

Rice	Transplantation / leaf elongation	Stem borer	• **On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff** • **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Jhum field	Sowing		• Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. • Cowpea variety (Kashi Kanchan) and Frenchbean variety (Selection-9) are advocated for intercropping as they are short duration, dwarf and high yielding. • Carry out seed dressing/treatment with Thiram or Carbendazim @ 2g/kg seed before sowing
VEGETABLES			
Ginger/ Turmeric	Sowing/ germination		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**.
French bean	Vegetative		❖ **Avoid water stagnation near the base of plant by providing proper drainage**
HORTICULTURAL CROPS			
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Kiwi	Flowering		❖ **Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.**
Temperate fruits	After harvesting		❖ Training & pruning of the temperate crops (apple/pears/peach) is recommended ❖ **In case of flowering, stop spraying insecticides/pesticides**
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ **Mulching with straw/crop residue at root zone to avoid frost injury in banana.**
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
General ❖ Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding ❖ Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ **Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.**
Yak	All stages		❖ **Feeding of concentrate feed along with mineral mixture and salt.** ❖ **Hay feeding is recommended.**
Cattle	All stages	FMD	❖ **Animals should be given lukewarm feed and water.** ❖ **Right time to deworm with anti helmetic drugs**

			(particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements

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: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Tirap

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = 11.4 mm (up to 17th April)	**Mostly cloudy with possibility of rather heavy to heavy rain.** Daily maximum and minimum temperature for the following period is predicted to be 29-30°C and 22-23°C respectively. Expected morning and evening relative humidity will be 90-100% and 58-83% respectively. Wind direction is mainly SE with speed range of 2-3 kmph.
Warning:	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Leaf Elongation/ Tillering	Stem borer	• **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Maize	Pod formation	Soybean looper	❖ **Provide proper drainage** ❖ **Spray Azadirachtin 0.15% EC 2@ 6ml/lit** ❖ **Monitor the crop against attack of insect pests,**
Jhum rice	Rooting/ Leaf elongation		• **Provide proper drainage and soil conservation measures like mulching with locally available materials.**

			• **Keep the periphery clean** • **Avoid application of fertilizer and insecticides/pesticides**
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Summer vegetables	Sowing/ vegetative	Flea beetles/ fungal diseases	❖ During clear/dry days, spray azadirachtin0.15EC@6ml/lit against flea beetles ❖ During clear/dry days, spray carbandazim/Mancozab@2gm/lit to control fungal diseases in summer vegetables.
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.** ❖ **Avoid water stagnation near the base of the plant through proper drainage**
Cucurbits	vegetative		❖ Avoid water stagnation near the base of the plant through proper drainage
HORTICULTURAL CROPS			
Citrus	Flowering	Phytophthora	• **During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.** • **During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.** • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Guava	Flowering		❖ **Avoid water logging in the basin,** ❖ **Basin cleaning in half moon system is advised,**
Banana	Bunching		❖ Denavelling (removal of male bud) & bagging of bunches advocated..
Honey Bees			
			❖ Box must be covered with straw/dry leaves to provide warmth
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
General ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.** ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Day old chick-Maintain warmth by lighting,
Goat	All stages		❖ Deworming for gastrointestinal parasite
Cattle	All stages	FMD	❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.**

			❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements

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No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

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GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Upper Siang

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = 33.4 mm (up to 17th April)	**Mostly cloudy with possibility of moderate to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 25-26°C and 16-17°C respectively. Expected morning and evening relative humidity will be 82-93% and 62-76% respectively. Wind direction is mainly variable with speed range of 2-7 kmph.
Warning:	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Transplantation / leaf elongation	Stem borer	• **On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff** • **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.**

			• **Keep the surrounding clean/ weedfree to avoid disease/pest harboring**
Pea	Maturity	Powdery mildew/ leaf eating insects	❖ **Green pods can he harvested during sunny days** ❖ Provide adequate drainage and avoid water stagnation near the base of the plants. ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Harvesting	Aphids	❖ **Harvest during clear/dry days** ❖ Provide adequate drainage ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
Jhum field	Sowing		• Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. • Carry out seed dressing/treatment with Thiram or Carbendazim @ 2g/kg seed before sowing. • Cowpea variety (Kashi Kanchan) and Frenchbean variety (Selection-9) are advocated for intercropping as they are short duration, dwarf and high yielding.
VEGETABLES			
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.** ❖ **Avoid water stagnation near the base of the plant through proper drainage**
Ginger/ Turmeric	Sowing/ germination		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**.
HORTICULTURAL CROPS			
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
Citrus	Flowering	Fruit drop/ Phytophthora	• **Foliar application of micronutrient/multiplex @ 0.2% should be done to prevent flower drop** • During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. • During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation.
Kiwi	Flowering		❖ **Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.**
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost ❖ **Mulching with straw/crop residue at root zone to avoid frost injury in banana.**
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
			❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural**

			crop at embankment/dyke of the earthen fish pond. ❖ **Broadcast mustard Oil Cake (MOC) @5kg/day over the pond twice daily to feed fish fingerlings.**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ **Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.**
Cattle	All stages	FMD	❖ **Animals should be given lukewarm feed and water.** ❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
Mithun		FMD	❖ 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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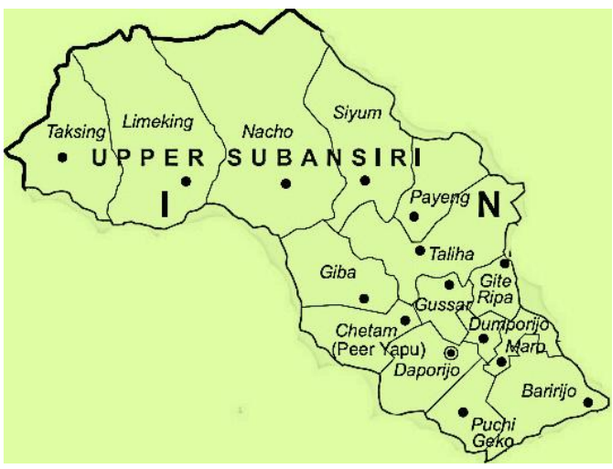
GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: Upper Subansiri



Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Daporijo: 2.4 mm (up to 17th April)	**Mostly cloudy with possibility of rather heavy to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 28-29°C and 20-21°C respectively. Expected morning and evening relative humidity will be 91-97% and 67-76% respectively. Expected wind direction is mainly variable with speed range of 2-3 kmph.
Warning	• **Thunderstorm in few isolated places**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Pea	Maturity	Powdery mildew/ leaf eating insects	❖ **Green pods can he harvested during sunny days** ❖ Provide adequate drainage and avoid water stagnation near the base of the plants. ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Harvesting	Aphids	❖ **Harvest during clear/dry days**

			❖ Provide adequate drainage ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
Rice	Transplantation / leaf elongation	Stem borer	• **On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff** • **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Cut the tips of the leaves before transplanting reduces the population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.** • **Keep the surrounding clean/ weedfree to avoid disease/pest harboring**
Jhum field	Sowing/ vegetative		• Adopt sowing of leguminous crops like cowpea, frenchbean, soybean etc at 2-3 rows across the slope of jhum field at desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. • Carry out seed dressing/treatment with Thiram or Carbendazim @ 2g/kg seed before sowing. • Cowpea variety (Kashi Kanchan) and Frenchbean variety (Selection-9) are advocated for intercropping as they are short duration, dwarf and high yielding.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.** ❖ **Avoid water stagnation near the base of the plant through proper drainage**
HORTICULTURAL CROPS			
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
Citrus	Flowering	Phytophthora	• **During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush.** • **During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora.** • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Kiwi	Flowering		❖ **Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.**
Temperate fruits	After harvesting		❖ Training & pruning of the temperate crops (apple/pears/peach) is recommended
Honey Bees			
Honey bees			❖ Provide sugar syrup near the box ❖ Add insulation and ventilation systems
LIVESTOCKS			
Livestock	**Stage**	**Disease**	**Precautionary Practices to be followed**
General • **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** • **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			

Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.**
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.
Cattle	All stages	FMD	❖ **Animals should be given lukewarm feed and water.** ❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Provide feed supplements
Mithun		FMD	❖ 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: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: West Kameng

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Rainfall = Bomdila: 0.0 ; Bhalukpong: 28.4 mm (up to 17th April)	**Mostly cloudy with possibility rather heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 24-25°C and 15-16°C respectively. Expected morning and evening relative humidity will be 88-99% and 66-78% respectively. Wind direction is mainly S & WSW with speed range of 3-4 kmph.
Warning:	• **Heavy rainfall likely**

GENERAL RECOMMENDATIONS

- **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**
- **Warning: Spraying of DDT in crops is lethal**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Transplantation / leaf elongation	Stem borer	• **On anticipation of rain, provide proper drainage to the nursery/main field to avoid runoff** • **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.** • Cut the tips of the leaves before transplanting reduces the

			population of stem borer as the eggs are laid on that site. It will reduce the carryover of the infestation to the main field.
Jhum rice	Leaf elongation		• **On anticipation of rain, provide proper drainage** • **Follow proper runoff management system to avoid loss of top soil due to heavy rainfall.** • **Keep the surrounding clean/ weedfree to avoid disease/pest harboring**
Pea	Maturity	Powdery mildew/ leaf eating insects	❖ **Green pods can he harvested during sunny days** ❖ Provide adequate drainage and avoid water stagnation near the base of the plants. ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Toria/ Mustard	Harvesting	Aphids	❖ **Harvest during clear/dry days** ❖ Provide adequate drainage ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.** ❖ **Avoid water stagnation near the base of the plant through proper drainage**
HORTICULTURAL CROPS			
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
Citrus	Flowering	Fruit drop/ Phytophthora	• **Foliar application of micronutrient/multiplex @ 0.2% should be done to prevent flower drop** • During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. • During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Kiwi	Flowering		❖ **Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.**
Banana	Bunching	Cold	❖ Cover newly emerged bunches with locally available sack to protect from cold/frost
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
❖ **General** ❖ **Damaged grain (not fungus contaminated) to be diverted for Poultry/livestock feeding** ❖ **Clean drinking water should be ensured round the clock and water troughs/feeders should be regularly cleaned,**			
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the mouth and foot.) Swine Fever	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water.

			❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.**
Yak	All stages		❖ **Feeding of concentrate feed along with mineral mixture and salt.** ❖ **Hay feeding is recommended.**
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Day old chick-Maintain warmth by lighting, ❖ In present weather conditions protect the birds from cold by using gunny bags/plastic sheets around the poultry shed during night, ❖ Provide heat by lighting 100W bulb @ 1 bulb per 20 newly born chicks.
Cattle	All stages	FMD	❖ **Animals should be given lukewarm feed and water.** ❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide proper bedding materials especially to new-born and lukewarm food & water ❖ Heavy mortality in cloven footed animals has been reported. ❖ Supportive treatment of infected animals under supervision of veterinary department officials, ❖ Avoid mixing of infected and healthy animals, ❖ Keep infected animals separated from the healthy ones, ❖ Vaccinate the healthy animals against FMD (Through State Veterinary Dept.) ❖ Provide feed supplements
Mithun		FMD	❖ 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: 26th to 29th May, 2018)

No: AMFU-Basar/2018/42 **Dated: Fri, 25th May, 2018**

ग्रामीण कृषि मौसम सेवा

GRAMIN KRISHI MAUSAM SEWA

(Integrated Agro-Meteorological Advisory Services)

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

Advisory for district: West Siang

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

Weather summery of the previous week	Weather forecast valid up to 30th May 2018
Basar: Rainfall =52.4 mm. T. Max: 27.8°C, T. Min: 18.7°C, RH: 69-92%, Wind Speed: 3-5 kmph, Wind Direction: ESE	**Mostly cloudy with possibility of rather heavy to heavy rainfall.** Daily maximum and minimum temperature for the following period is predicted to be 28-30°C and 21-22°C respectively. Expected morning and evening relative humidity will be 80-93% and 55-79% respectively. Wind direction is mainly variable with speed range of 3-9 kmph.
Warning:	• **Nil**

GENERAL RECOMMENDATIONS

On anticipation of heavy rainfall:

- **Suspend all spray operations**
- **Do not go for fertilizer/manure applications**
- **Proper drainage to all crop to avoid runoff**

DETAILS OF ADVISORIES FOR THE PERIOD

Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Jhum rice	Rooting/ Leaf elongation		❖ **Provide proper drainage and soil conservation measures like mulching with locally available materials.** ❖ **Keep the periphery clean** ❖ **Avoid application of fertilizer and insecticides/pesticides**
Rice	Leaf Elongation/ Tillering	Stem borer	❖ **Rice: Weed free & clean nursery periphery to prevent disease/pest harboring.**

			❖ Rice: Spray Triazophos 40EC @ 4 ml/lit against stem borer in rice nursery as well as in main field.
Pea	Maturity	Powdery mildew/ leaf eating insects	❖ **Green pods can he harvested during sunny days** ❖ Provide adequate drainage and avoid water stagnation near the base of the plants. ❖ Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high.
Maize	Pod formation	Soybean looper	❖ **Provide proper drainage** ❖ **Spray Azadirachtin 0.15% EC 2@ 6ml/lit** ❖ **Monitor the crop against attack of insect pests,**
Toria/ Mustard	Harvesting	Aphids	❖ **Harvest during clear/dry days** ❖ Provide adequate drainage ❖ If the infestation is high, Spray Dimethoate 30EC @2ml/litre against aphids in Rapeseed/Mustard using sticker or during clear/dry days.
VEGETABLES			
Ginger/ Turmeric	Germination/ Vegetative		❖ **Mulching ginger beds with locally available leaves/materials is advocated to enhance germination, prevent washing off during heavy rainfall, add organic matter to the soil & conserve moisture during dry seasons**. ❖ **Proper drainage to avoid water stagnation**
Cucurbits	Vegetative		❖ **Cover the base of crop with locally available mulches to avoid exposure to erosion,.** ❖ **Avoid water stagnation near the base of the plant through proper drainage**
French Bean	Vegetative		❖ **Avoid water stagnation in field by making proper drainage**.
HORTICULTURAL CROPS			
Apple	Fruiting	Fruit drop	❖ **Spray 2,4,5-T @ 20ppm or 2,4,5-TCPA @ 15ppm to inhibit fruit drop**
Citrus	Flowering	Fruit drop/ Phytophthora	• **Foliar application of micronutrient/multiplex @ 0.2% should be done to prevent flower drop** • During clear dry days, apply Bordeaux paste on the tree trunk upto the height of 24 inches by brush. • During clear dry days or using stickers during rain, spraying and drenching with metalaxyl MZ-72 @ 2.75 g/lit water on the tree against Phytophthora. • Prepare half moon terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Peach	Fruit maturing	Fruit Fly	❖ **Install fruit fly pheromone traps,** ❖ **Collect and dispose off the fallen fruits.** ❖ **Clean basin,**
Guava	Flowering		❖ **Avoid water logging in the basin,** ❖ **Basin cleaning in half moon system is advised,**
Banana	Bunching		❖ Denavelling (removal of male bud) & bagging of bunches advocated..
Kiwi	Flowering		❖ **Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.**
Large cardamom	Sowing		❖ Sowing in primary nursery bed at 2cm depth & 10cm apart with mulching & regular irrigation. ❖ **Applications of well decomposed cattle manure/compost @5kg/plant during clear/dry days.**
HONEY BEES			
Honey bees			❖ Cover the boxes with locally available dry grass or straw to provide warmt
LIVESTOCKS			
Livestock	**Stage**	**Disease**	❖ **Precautionary Practices to be followed**
Pigs	All stages	FMD (high fever and appearance of mucous membrane of the	❖ **Food waste or garbage fed to swine must be cooked and sterilized properly. Cooking the different raw materials together is advocated to improve digestibility and to**

		mouth and foot.) Swine Fever	**break- down toxins from some feeds.** ❖ Avoid dampness and cover weak and sick animals with sack cloth. ❖ The bedding is always dry and that there is plenty. ❖ Animals should be given lukewarm feed and water. ❖ Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.
Fishery			❖ **To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.**
Poultry	All stages		❖ **Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging.** ❖ Day old chick-Maintain warmth by lighting, ❖ **Inclusion of turmeric powder @ 10g/kg feed for prevention of cocciodiosis.**
Cattle	All stages	FMD	❖ **Animals should be given lukewarm feed and water.** ❖ **Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.** ❖ Provide feed supplements
Mithun		FMD	❖ 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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