

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 17th to 21st April 2019)

No: AMFU-Basar/2019/30

Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa 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 21 st April 2019
Rainfall: NA	Mostly Sunny/cloudy with possibility of light rain on 18 th April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27.0-34.0°C and 20.0-21.0°C respectively. Expected morning and evening
	relative humidity will be 67-88% and 39-72% respectively. Wind direction
	is mainly S & SSE with average wind speed range of 2.0-4.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very likely
	to occur at isolated places over Arunchal Pradesh.

GENERAL RECOMMENDATIONS Avoid all spray operations Application of fertilizers/manure may be avoided Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS	0	r est/Disease	r recautionary r ractices to be followed	
Rice (Early sown)	Nursery Preparation	Yellow stem borer	 Sowing of certified treated seeds for early WRC may be done during the next five days, Recommended cultivar – IR8, Seed rate : - 50-55 kg per hectare, 	
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. 	
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%) if the infestation is high. 	
VEGETABLE	S			
Okra	Sowing		 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. Sowing may be done 	
HORTICULT	URAL CROPS			
Orange		Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning, 	
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
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 Sci	ientists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	





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Gramin Krishi Mausam Sewa 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 21 st April 2019
Rainfall: NA	Sunny/Partly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-31.0°C and 19.0-21.0°C respectively. Expected morning and evening
	relative humidity will be 74-83% and 39-50% respectively. Wind direction
	is mainly SSE with average wind speed range of 4.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very
	likely to occur at isolated places over Arunchal Pradesh.

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
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.
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.
VEGETABLES			
Summer vegetables	Sowing		 Right time for transplantation of healthy seedlings to main field from nursery Sowing advocated during clear/dry days
Potato	Vegetative stage/ Harvesting stage		 Harvesting only during clear/dry days Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
HORTICULTUR	AL CROPS		
Kiwi	Flowering		Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.
Orchards (Orange, Banana, Apple, Peach etc)			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
LIVESTOCKS	Stage	Diagona	Descention any Desctions to be followed
Livestock	Stage	Disease	Precautionary Practices to be followed
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,
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty.
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	 Animals should be given lukewarm feed and water. staff for measures against adverse conditions or call at 03795-226237/226247





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Arunachal Pradesh (Period: 17th to 21st April 2019)

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Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa

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 21 st April 2019
Daporijo: 0.6 mm	Partly/mostly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-29.0°C and 19.0-21.0°C respectively. Expected morning and evening
	relative humidity will be 89-94% and 54-68% respectively. Wind direction
	is mainly WNW with average wind speed range of 4.0 -6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very likely
	to occur at isolated places over Arunchal Pradesh.

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (Early sown)	Nursery Preparation	Yellow stem borer	 Sowing of certified treated seeds for early WRC may be done during the next five days, Recommended cultivar – IR8, Seed rate : - 50-55 kg per hectare,
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.
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%) if the infestation is high.
VEGETABLE	S		
Okra	Sowing		 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. Sowing may be done
HORTICULT	URAL CROPS		
Orange		Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning,
LIVESTOCKS	r	ſ	
Livestock	Stage	Disease	Precautionary Practices to be followed
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 Sci	<mark>entists (ICAR) or Sta</mark>	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



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Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa 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 21 st April 2019
Rainfall = Bomdila: NA ; Bhalukpong: NA;	Mostly sunny/partly cloudy with possibility of light rain. Daily maximum
Kalaktang: NA	and minimum temperature for the following period is predicted to be 29.0-
	31.0°C and 19.0-21.0°C respectively. Expected morning and evening relative
	humidity will be 54-74% and 33-50% respectively. Wind direction is mainly
	S wind speed range of 6.0-8.0 kmph.
Warning:	•

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
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.
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.
VEGETABLES			
Summer vegetables Potato	Sowing Vegetative stage/		 Right time for transplantation of healthy seedlings to main field from nursery Sowing advocated during clear/dry days Harvesting only during clear/dry days
	Harvesting stage		Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
HORTICULTUR	AL CROPS		
Kiwi	Flowering		Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.
Orchards (Orange, Banana, Apple, Peach etc)			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
LIVESTOCKS	1		
Livestock	Stage	Disease	Precautionary Practices to be followed
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,
Pigs	All stages		 Avoid dampness and cover weak and sick animals with sack cloth. The bedding is always dry and that there is plenty.
Contact Sci	ientists (ICAR) or Stat	e Agril Staff or KVK	 Animals should be given lukewarm feed and water. staff for measures against adverse conditions or call at 03795-226237/226247



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Gramin Krishi Mausam Sewa

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 21 st April 2019
Rainfall: 3.2 mm, Max. T: 31.2°C, Min. T: 12.5°C, Wind Speed: 4-6 km/h, RH: 52-96%, Wind Direction: WSW & SSW	Partly/mostly cloudy with possibility of light/moderate rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-31.0°C and 18.0-21.0°C respectively. Expected morning and evening relative humidity will be 85-94% and 45-67% respectively. Wind direction is mainly W & WNW with average wind speed range of 4.0-6.0 kmph.
Warning:	Thunderstorm accompanied with gusty wind and lighting is very likely to occur at isolated places over Arunchal Pradesh.

GENERAL RECOMMENDATIONS

• Monitor for possible attack of insects/pests

- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff

 Proper of Check of 	0	dule in poultry/liv	restock	
DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice (Early sown)	Nursery Preparation	Yellow stem borer	 Sowing of certified treated seeds for early WRC may be done during the next five days, Recommended cultivar – IR8, Seed rate : - 50-55 kg per hectare, 	
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. 	
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%) if the infestation is high. 	
VEGETABLE	S			
Okra	Sowing		 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. Sowing may be done 	
HORTICULT	URAL CROPS	1		
Orange		Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning, 	
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
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 Sci	ientists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	

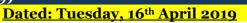




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ADVISORY FOR DISTRICT: ANJAW

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

Weather summery of the previous week	Weather forecast valid up to 21 st April 2019
No weather summary available	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 29.0-
	30.0°C and 18.0-22.0°C respectively. Expected morning and evening relative
	humidity will be 57-78% and 37-53% respectively. Wind direction is mainly
	E with average wind speed range of 5.0-8.0 kmph.
Warning:	✤ Thunderstorm accompanied with gusty wind and lighting is
	very likely to occur at isolated places over Arunchal Pradesh.

- Monitor for possible attack of insects/pests
- ✤ Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

soybean etc at 2-3 rows across the slope of jhum field a desirable intervals or ratios with rice to prevent soil erosion an conserve moisture and fertility. Carry out seed dressing/treatment with Thiram or Carbendazin @ 2g/kg seed before sowing. Cowpea variety (Kashi Kanchan) and Frenchbean variet (Selection-9) are advocated for intercropping as they are shot development middew/ leaf eating insects Provide adequate drainage and avoid water stagnation nea the base of the plants. Need based foliar spray of Dinocap (0.2%) or Carbendazin Summer Sowing vegetables * Vegetative stage/ * Harvesting stage * Harvesting stage * Kiwi Flowering Orchards * (Orange, Banana, Apple, Peach etc) * Livestock Stage Poiltry All stages Pigs All stages Pigs All stages * * * * * * * * * * * * <th></th> <th></th> <th>DETAILS OF A</th> <th>ADVISORIES FOR THE PERIOD</th>			DETAILS OF A	ADVISORIES FOR THE PERIOD
Jhum field Sowing • Adopt sowing of leguminous crops like cowpea, frenchbear soybean etc at 2-3 rows across the slope of jhum field a desirable intervals or ratios with rice to prevent soil erosion an conserve moisture and fertility. • Carry out seed dressing/treatment with Thiram or Carbendazin @ 2g/kg seed before sowing. • Cowpea variety (Kashi Kanchan) and Frenchbean variet (Selection-9) are advocated for intercropping as they are shor duration, dwarf and high yielding. • Pea Seed development eating insects • Provide adequate drainage and avoid water stagnation nea the base of the plants. • Need based foliar spray of Dinocap (0.2%) or Carbendazin 50WP (0.1%) or Propiconazole (0.1%) using sticker if th infestation is high. Vegetative stage/ • Right time for transplantation of healthy seedlings to main field from nursery vegetables Sowing • Right time for transplantation of healthy seedlings to main field from nursery Potato Vegetative stage/ • Harvesting only during clear/dry days Horry exting only during clear/dry days • Store already harvested crops in a cool, well ventilated place do not wash before storing as dampness promotes early spoilage. HORTICULTURAL CROPS • Prepare half moon terraces in fruit crops grown in stee slopes to prevent nutrient loss during heary downpour. Apple, Peach etc)	Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
Sobean etc at 2-3 rows across the slope of jhum field a desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. Sobean etc at 2-3 rows across the slope of jhum field a desirable intervals or ratios with rice to prevent soil erosion and conserve moisture and fertility. Pea Seed Powdery mildew/leaf eating insects Carry out seed dressing/treatment with Thiram or Carbendazin @ 2g/kg seed before sowing. Pea Seed Powdery mildew/leaf eating insects Provide adequate drainage and avoid water stagnation nea the base of the plants. VEGETABLES Need based foliar spray of Dinocap (0.2%) or Carbendazin 50WP (0.1%) or Propiconazole (0.1%) using sticker if th infestation is high. VEGETABLES Sowing Right time for transplantation of healthy seedlings to main field from nursery Summer vegetables Sowing stage Sowing advocated during clear/dry days Potato Vegetative stage/Harvesting stage Harvesting only during clear/dry days HorriCULTURAL CROPS Store already harvested crops in a cod, well ventilated place do not wash before storing as dampness promotes early spoilage. HORTICULTURAL CROPS Vestore before storing as dampness promotes early spoilage. Livestock Stage Prepare half moon terraces in fruit crops grown in steg slopes to prevent nutrient loss during heavy downpour. Apple, Peach etc) Disease Precoautionary Practices to be fo	FIELD CROPS	5		
development mildew/leaf eating insects the base of the plants. Need based foliar spray of Dinocap (0.2%) or Carbendazin 50WP (0.1%) or Propiconazole (0.1%) using sticker if the infestation is high. VEGETABLES Sowing Right time for transplantation of healthy seedlings to main field from nursery Summer Sowing vegetables * Right time for transplantation of healthy seedlings to main field from nursery Potato Vegetative stage Harvesting stage * Harvesting only during clear/dry days Potato Vegetative stage Harvesting stage * Store already harvested crops in a cool, well ventilated place do not wash before storing as dampness promotes early spoilage. HORTICULTURAL CROPS * Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm. Orchards * Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour. Apple, Peach etc) * Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Poultry All stages * Avoid dampness and cover weak and sick animals with sack cloth. Pigs All stages * 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.	<i>Jhum</i> field	Sowing		 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
Summer vegetablesSowingRight time for transplantation of healthy seedlings to main field from nursery Sowing advocated during clear/dry daysPotatoVegetative stage/ Harvesting stageHarvesting only during clear/dry daysPotatoVegetative stage/ Harvesting stageStore already harvested crops in a cool, well ventilated place do not wash before storing as dampness promotes early spoilage.HORTICULTURAL CROPSKiwiFloweringKiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.Orchards (Orange, Banana, Apple, Peach etc)StagePrepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.LivestockStageDiseasePrecautionary Practices to be followedPoultryAll stagesIbiseaseProvide shelter to the backyard/scavenging poultry. Fee grains in the morning/evening to supplement scavenging. Day old chick-Maintain warmth by lighting,PigsAll stagesAvoid dampness and cover weak and sick animals with sack cloth. Koth. KothalPigsAll stagesAnimals should be given lukewarm feed and water.	Pea		mildew/ leaf	 Need based foliar spray of Dinocap (0.2%) or Carbendazim 50WP (0.1%) or Propiconazole (0.1%) using sticker if the
vegetables main field from nursery Potato Vegetative stage/ Harvesting stage Harvesting only during clear/dry days Potato Vegetative stage/ Harvesting stage Store already harvested crops in a cool, well ventilated place do not wash before storing as dampness promotes early spoilage. HORTICULTURAL CROPS Store already harvested crops in a cool, well ventilated place do not wash before storing as dampness promotes early spoilage. Kiwi Flowering Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm. Orchards Stage Prepare half moon terraces in fruit crops grown in stee slopes to prevent nutrient loss during heavy downpour. UVESTOCKS Stage Disease Precautionary Practices to be followed Poultry All stages Provide shelter to the backyard/scavenging poultry. Feet grains in the morning/evening to supplement scavenging. Pigs All stages 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.	VEGETABLES			
do not wash before storing as dampness promotes early spoilage. HORTICULTURAL CROPS Kiwi Flowering Orchards Stage Orchards Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour. Orchards Stage Disease Precautionary Practices to be followed Poultry All stages Pigs All stages Pigs All stages * 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.	vegetables			 main field from nursery Sowing advocated 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. Orchards Orchards Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour. Apple, Peach etc) Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour. Livestock Stage Disease Precautionary Practices to be followed Poultry All stages Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Pigs All stages 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.		Harvesting stage		do not wash before storing as dampness promotes early
Orchards Orchards Prepare half moon terraces in fruit crops grown in steel slopes to prevent nutrient loss during heavy downpour. Apple, Peach etc) Prepare half moon terraces in fruit crops grown in steel slopes to prevent nutrient loss during heavy downpour. LIVESTOCKS Itivestock Stage Disease Poultry All stages Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. Pigs All stages 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.	HORTICULTUR	RAL CROPS		
(Orange, Banana, Apple, Peach etc)StageStageStageLivestockStageDiseasePrecautionary Practices to be followedPoultryAll stages	Kiwi	Flowering		
Livestock Stage Disease Precautionary Practices to be followed Poultry All stages	(Orange, Banana Apple, Peach etc)			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Poultry All stages Provide shelter to the backyard/scavenging poultry. Feet grains in the morning/evening to supplement scavenging. Pigs All stages			D 1	
grains in the morning/evening to supplement scavenging. Pigs All stages All stages Avoid dampness and cover weak and sick animals with sack cloth. Cover the bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water.		5	Disease	•
 cloth. The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water. 	Poultry	All stages		 grains in the morning/evening to supplement scavenging. ♦ Day old chick-Maintain warmth by lighting,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247				 The bedding is always dry and that there is plenty. Animals should be given lukewarm feed and water.



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Arunachal Pradesh

(Period: 17th to 21st April 2019)



No: AMFU-Basar/2019/30



Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa 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 21 st April 2019
Rainfall = Changlang: 0.0 mm Miao: NA	Sunny/partly cloudy with possibility of light/moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-32.0°C and 19.0-21.0°C respectively. Expected morning and evening
	relative humidity will be 59-80% and 36-61% respectively. Wind direction
	is mainly ESE & SSE with average wind speed range of 3.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is
	very likely to occur at isolated places over Arunchal
	Pradesh.

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (Early sown)	Nursery Preparation	Yellow stem borer	 Sowing of certified treated seeds for early WRC may be done during the next five days, Recommended cultivar – IR8, Seed rate : - 50-55 kg per hectare,
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.
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%) if the infestation is high.
VEGETABLE			
Okra	Sowing		 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. Sowing may be done
HORTICULT	URAL CROPS		
Orange		Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning,
LIVESTOCKS	F		
Livestock	Stage	Disease	Precautionary Practices to be followed
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 Sc	ientists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 17th to 21st April 2019)



No: AMFU-Basar/2019/30

Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa

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 21 st April 2019
Rainfall = NA	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 28.0-
	29.0°C and 18.0-21.0°C respectively. Expected morning and evening relative
	humidity will be 72-84% and 38-52% respectively. Wind direction is mainly
	E with average wind speed range of 7.0-8.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very
	likely to occur at isolated places over Arunchal Pradesh.

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
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.
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.
VEGETABLES			
Summer vegetables Potato	Sowing Vegetative stage/		 Right time for transplantation of healthy seedlings to main field from nursery Sowing advocated during clear/dry days Harvesting only during clear/dry days
	Harvesting stage		 That vesting only during clear/dry days Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
HORTICULTUR	AL CROPS		
Kiwi	Flowering		Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.
Orchards (Orange, Banana, Apple, Peach etc)			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
LIVESTOCKS	- ~ - T		
Livestock	Stage	Disease	Precautionary Practices to be followed
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,
Pigs	All stages		 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.
Contact Sci	ientists (ICAR) or Stat	e Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



जिला स्तर कृषि मौसम सलाहकार सेवा पत्रिका

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 17th to 21st April 2019)

No: AMFU-Basar/2019/30

Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa

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 21 st April 2019
Rainfall = NA	Sunny/Mostly cloudy with possibility of light rain on 20 th April. Daily
	maximum and minimum temperature for the following period is predicted to
	be 30.0-31.0°C and 20.0-22.0°C respectively. Expected morning and evening
	relative humidity will be 62-80% and 39-52% respectively. Wind direction
	is mainly SE with average wind speed range of 4.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very
	likely to occur at isolated places over Arunchal Pradesh.

- Monitor for possible attack of insects/pests •
- Application of fertilizers/manure can be done during clear/dry days •
- Proper drainage to all crop to avoid runoff •
- Check of vaccination schedule in poultry/livestock •

DETAILS OF ADVISORIES FOR THE PERIOD			
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (Early sown)	Nursery Preparation	Yellow stem borer	 Sowing of certified treated seeds for early WRC may be done during the next five days, Recommended cultivar – IR8, Seed rate : - 50-55 kg per hectare,
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.
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%) if the infestation is high.
VEGETABLES			
Okra	Sowing		 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. Sowing may be done
HORTICULTU	URAL CROPS		
Orange		Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
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





District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 17th to 21st April 2019)

No: AMFU-Basar/2019/30



Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa

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 21 st April 2019
Rainfall: 6.2 mm; T. Max: 34.0°C; T. Min:	Partly/mostly cloudy with possibility of light/moderate rain. Daily
21.0°C ; RH: 52-76%	maximum and minimum temperature for the following period is predicted to
	be 28.0-31.0°C and 18.0-21.0°C respectively. Expected morning and evening
	relative humidity will be 77-91% and 33-64% respectively. Wind direction
	is mainly W with average wind speed range of 2.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is
	very likely to occur at isolated places over Arunchal Pradesh.

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

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. Pea Seed Powdery mildew/leaf eating insects Need based foliar spray of Dinocap (0.2%) or Carbendazim (Super Constant) (0.1%) or Propiconazole (0.1%) if the infestation is high. VEGETABLES Verget Ables Sowing Need based foliar spray of Dinocap (0.2%) or Carbendazim seed before sowing. Verget Ables Sowing Procure quality seed from certified agency. Verget Ables Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. Orange Aphid Planting of new seedings procured from certified source, Pruning of water suckers, Sowing may be done Nanual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning, Livestock Stage Disease Precautionary Practices to be followed Cattle All stages FMD Animals should be given lukewarm feed and water. Right time to deworm with anti helmetic drugs (particularly Tagheworms) viz. Fento Plus @ 1 tablet per 30 kg body weight.	DETAILS OF ADVISORIES FOR THE PERIOD			
Rice (Early sown) Nursery Preparation Yellow stem borer Sowing of certified treated seeds for carly WRC may be done during the next five days, Jhum field Sowing Seed rate : - 50-55 kg per hectare, Jhum field Sowing Adopt sowing of leguminous crops like cowpea, frenchbean, soybean et 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. Pea Seed Powdery mildew/leaf eating insects Corpea variety (Kashi Kanchan) and Frenchbean variety (Selection-9) are advocated for intercropping as they are short duration, dwarf and high yielding. VEGETABLES Okra Powdery mildew/leaf eating insects Okra Okra Sowing Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @ Iml/litre/ kilogram seed before sowing. Sowing may be done HORTICULTURAL CROPS Pruning of new seedlings procured from certified source, Pruning of water suckers, Orange Aphid Planting of new seedlings procured from certified source, Pruning of water suckers, VEMENCKS Stage Disease Precautionary Practices to be followed Livestock Stage FMD Animals should be given lukewarm feed and water. K Riget free desupplenens Provide proper bedd	Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
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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/reatment with Thiram or Carbendazim @ 2g/kg seed before sowing. Cowpea variety (Kashi Kanchan) and Frenchbean variety (Selection-9) are advocated for intercorpping as they are short duration, dwarf and high yielding. Pea Seed development Procure quality seed from certified agency. Stowing Procure quality seed from certified agency. Treat the seeds with Inidacloprid 17SL @ Imi/litre/ kilogram seed before sowing. Sowing may be done HORTICULTURAL CROPS Orange Aphid Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Boardeaux pasting in the trunk (1 metre height) is advised, Basin cleaning, Livestock Stage Disease Precautionary Practices to be followed 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. <				during the next five days, ✤ Recommended cultivar – IR8,
development mildew/leaf eating insects 50WP (0.1%) or Propiconazole (0.1%) if the infestation is high. VEGETABLES Sowing Procure quality seed from certified agency. Okra Sowing Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. HORTICULTURAL CROPS Sowing may be done HORTICULTURAL CROPS Planting of new seedlings procured from certified source, Pruning of water suckers, Orange Aphid Pruning of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning. LIVESTOCKS Itestow Precautionary Practices to be followed Cattle All stages FMD All stages FMD Animals should be given lukewarm feed and water. Provide proper bedding materials especially to new-born and lukewarm food & water Provide proper bedding materials especially to new-born and lukewarm food & water	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.
Okra Sowing Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. Sowing may be done HORTICULTURAL CROPS Sowing may be done Orange Aphid Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning, LIVESTOCKS Stage Disease Precautionary Practices to be followed 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 		development	mildew/ leaf	
Aphid* Treat the seeds with Imidacloprid 17SL @ 1ml/litre/ kilogram seed before sowing. Sowing may be doneHORTICULTURAL CROPSOrangeAphid* Planting of new seedlings procured from certified source, * Pruning of water suckers, * Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, * Constant monitoring of new buds of the crop for probable attack of aphid, * Bordeaux pasting in the trunk (1 metre height) is advised, * Basin cleaning,LIVESTOCKSLivestockStageDiseasePrecautionary Practices to be followedCattleAll stagesFMD* 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	VEGETABLE	S		
HORTICULTURAL CROPS Orange Aphid Image Pruning of new seedlings procured from certified source, Orange Aphid Planting of new seedlings procured from certified source, Pruning of water suckers, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Image Precautionary Practices to be followed LIVESTOCKS Image Precautionary Practices to be followed Image Precautionary Practices to be followed Cattle All stages FMD Animals should be given lukewarm feed and water. Image Representation Image Provide proper bedding materials especially to new-born and lukewarm food & water Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements	Okra	Sowing		Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing.
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Cattle All stages FMD Animals should be given lukewarm feed and water. Cattle All stages FMD Image: Right time to deworm with anti helmetic drugs (particularly Tapeworms) viz. Fento Plus @ 1 tablet per 30 kg body weight. Cattle Provide proper bedding materials especially to new-born and lukewarm food & water Provide feed supplements Provide feed supplements		T	ſ	
 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 		0		
	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
	Contact Sci	ientists (ICAR) or Sta	te Agril Staff or KVK	



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 17th to 21st April 2019)

<u>No: AMFU-Basar/2019/30</u>





Gramin Krishi Mausam Sewa

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 21 st April 2019
Rainfall (Koloriang): NA	Partly/mostly cloudy with possibility of light rain. Daily maximum and
	minimum temperature for the following period is predicted to be 26.0-
	30.0°C and 19.0-20.0°C respectively. Expected morning and evening relative
	humidity will be 82-87% and 50-63% respectively. Wind direction is mainly
	W & WSW with average wind speed range of 4.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very
	likely to occur at isolated places over Arunchal Pradesh.

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

	DETAILS OF ADVISORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
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.
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.
VEGETABLES			
Summer vegetables	Sowing		 Right time for transplantation of healthy seedlings to main field from nursery Sowing advocated during clear/dry days
Potato	Vegetative stage/ Harvesting stage		 Harvesting only during clear/dry days Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
HORTICULTUR	AL CROPS		
Orchards (Orange, Banana, Apple, Peach etc)			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
LIVESTOCKS	1		
Livestock	Stage	Disease	Precautionary Practices to be followed
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,
Pigs Contact Sci	All stages	o Amil Stoff on UNIV	 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.



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 17th to 21st April 2019)

No: AMFU-Basar/2019/30

9) <u>Dated: Tuesday, 16th April 2019</u>



Gramin Krishi Mausam Sewa

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 21 st April 2019
Rainfall: NA (Tezu)	Partly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 29.0-31.0°C and 19.0-21.0°C respectively. Expected morning and evening
	relative humidity will be 57-77% and 35-55% respectively. Wind direction
	is mainly ENE & E average wind speed range of 4.0-6.0 kmph.
Warning	• Thunderstorm accompanied with gusty wind and lighting is very likely to
	occur at isolated places over Arunchal Pradesh

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD			
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS		-	
Rice (Early sown)	Nursery Preparation	Yellow stem borer	 Sowing of certified treated seeds for early WRC may be done during the next five days, Recommended cultivar – IR8, Seed rate : - 50-55 kg per hectare,
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.
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%) if the infestation is high.
VEGETABLE			
Okra	Sowing		 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. Sowing may be done
HORTICULT	URAL CROPS		
Orange		Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning,
LIVESTOCKS	~		
Livestock	Stage	Disease	Precautionary Practices to be followed
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 Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 17th to 21st April 2019)

<u>No: AMFU-Basar/2019/30</u>

Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa

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 21 st April 2019
Rainfall (Roing): 0.0 mm	Partly cloudy with possibility of light to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 29.0-31.0°C and 19.0-21.0°C respectively. Expected morning and evening
	relative humidity will be 60-76% and 31-47% respectively. Wind direction
	is mainly E with average wind speed range of 5.0-7.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very likely to
	occur at isolated places over Arunchal Pradesh.

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice (Early sown)	Nursery Preparation	Yellow stem borer	 Sowing of certified treated seeds for early WRC may be done during the next five days, Recommended cultivar – IR8, Seed rate : - 50-55 kg per hectare, 	
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. 	
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%) if the infestation is high. 	
VEGETABLE	S			
Okra	Sowing		 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. Sowing may be done 	
HORTICULT	URAL CROPS			
Orange		Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning, 	
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
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				





District Level Agro-met Advisory Bulletin

(Period: 17th to 21st April 2019)

No: AMFU-Basar/2019/30



Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa

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 21 st April 2019
NA	Partly/mostly cloudy with possibility of light rain. Daily maximum and
	minimum temperature for the following period is predicted to be 28.0-
	30.0°C and 19.0-21.0°C respectively. Expected morning and evening relative
	humidity will be 80-89% and 50-60% respectively. Wind direction is mainly
	WSW with average wind speed range of 4.0-6.0 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very likely to
	occur at isolated places over Arunchal Pradesh.

GENERAL RECOMMENDATIONS

• Monitor for possible attack of insects/pests

- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
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.
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.
VEGETABLES			
Summer vegetables	Sowing		 Right time for transplantation of healthy seedlings to main field from nursery Sowing advocated during clear/dry days
Potato	Vegetative stage/ Harvesting stage		 Harvesting only during clear/dry days Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
HORTICULTUR	AL CROPS		
Kiwi	Flowering		Kiwi fruit vine should be covered with 50% shade net to protect flowers from heavy rain and hail storm.
Orchards (Orange, Banana, Apple, Peach etc)			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
LIVESTOCKS	Sto go	Diasaas	
Livestock	Stage	Disease	Precautionary Practices to be followed
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,
Pigs	All stages		 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.
Contact Scientist	s (ICAR) or State A	gril Stall or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 17th to 21st April 2019)

No: AMFU-Basar/2019/30



Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa

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 21 st April 2019
	Sunny/Partly cloudy with possibility of very light rain. Daily maximum
22.0°C ; RH: 52-88%	and minimum temperature for the following period is predicted to be 29.0-
	32.0°C and 19.0-20.0°C respectively. Expected morning and evening relative
	humidity will be 65-84% and 38-52% respectively. Wind direction is mainly
	E & ESE with average wind speed range of 5.0-7.0 kmph.
Warning:	•

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper drainage to all crop to avoid runoff
- Check of vaccination schedule in poultry/livestock

DETAILS OF ADVISORIES FOR THE PERIOD			
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (Early sown)	Nursery Preparation	Yellow stem borer	 Sowing of certified treated seeds for early WRC may be done during the next five days, Recommended cultivar – IR8, Seed rate : - 50-55 kg per hectare,
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.
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%) if the infestation is high.
VEGETABLE	S		
Okra	Sowing		 Procure quality seed from certified agency. Treat the seeds with Imidacloprid 17SL @1ml/litre/ kilogram seed before sowing. Sowing may be done
HORTICULT	URAL CROPS		
Orange		Aphid	 Planting of new seedlings procured from certified source, Pruning of water suckers, Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Constant monitoring of new buds of the crop for probable attack of aphid, Bordeaux pasting in the trunk (1 metre height) is advised, Basin cleaning,
LIVESTOCKS			
Livestock	Stage	Disease	Precautionary Practices to be followed
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 Scie	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 17th to 21st April 2019)

No: AMFU-Basar/2019/30

Dated: Tuesday, 16th April 2019



Gramin Krishi Mausam Sewa 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 21 st April 2019
Rainfall: 0.0 mm	Partly cloudy with possibility of light rain. Daily maximum and minimum
	temperature for the following period is predicted to be 13.0-14.0°C and 5.0-
	6.0°C respectively. Expected morning and evening relative humidity will be
	57-82% and 35-59% respectively. Wind direction is mainly SW & WSW
	with average wind speed range of 6-9 kmph.
Warning:	• Thunderstorm accompanied with gusty wind and lighting is very likely
	to occur at isolated places over Arunchal Pradesh.

GENER	AL RECOMMEN	NDATIONS		
 Monitor 	for possible attac	k of insects/pests		
	• Application of fertilizers/manure can be done during clear/dry days			
Proper d	Proper drainage to all crop to avoid runoff			
Check of vaccination schedule in poultry/livestock				
		DETAILS OF A	ADVISC	DRIES FOR THE PERIOD
FIELD CROPS				
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.
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.
VEGETABLES			1	
Summer vegetables	Sowing			Right time for transplantation of healthy seedlings to main field from nursery Sowing advocated during clear/dry days
Potato	Vegetative stage/			Harvesting only during clear/dry days
	Harvesting stage		*	Store already harvested crops in a cool, well ventilated place/ do not wash before storing as dampness promotes early spoilage.
HORTICULTUR	AL CROPS		I	oponago
Kiwi	Flowering		*	Kiwi fruit vine should be covered with 50% shade net to
	Č			protect flowers from heavy rain and hail storm.
Orchards (Orange, Banana, Apple, Peach etc)			*	Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
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,
Pigs	All stages			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.
Contact Scientist	<mark>s (ICAR) or State A</mark>	gril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247