

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39

Dated: Friday, 17th May 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 22 nd May 2019
Rainfall = Bomdila: 2.0 mm ; Bhalukpong: 1.8	Partly cloudy with possibility of moderate rain. Daily maximum and
mm; Kalaktang: 0.0 mm	minimum temperature for the following period is predicted to be 25.0-
	27.0°C and 17.0-18.0°C respectively. Expected morning and evening relative
	humidity will be 87-92% and 52-59% respectively. Wind direction is mainly
	NW wind speed range of 7.0-7.3 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

	DETAILS OF ADVISORIES FOR THE PERIOD			
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	 Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer Installation of Stem borer specific pheromone traps, Manually collect and destruct any butterfly/moth found in the rice field, For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, 	
Jhum rice	Leaf elongation		 Did control using cloves and ginger is advised; 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 	
VEGETABLES				
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off 	
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	 Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water, 	
HORTICULTU	v v			
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin, 	
Orchards			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.	
Guava	Bud initiation stage		 Basin cleaning, Water stagnation should be avoided, 	
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, 	
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	K staff for measures against adverse conditions or call at 03795-226237/226247	



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

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 22 nd May 2019
Rainfall: 19.8 mm, Max. T: 27.2°C, Min. T: 16.7°C, Wind Speed: 3-4 km/h, RH: 85-98%, Wind Direction: SSW & WSW	
Warning:	NIL

- 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

Check of vaccination schedule in point y/ivestock DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice	Nursery/transpl antation	Stem borer	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. 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. 	
Maize	Knee height		 Field should be weed free Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack. 	
<i>Jhum</i> rice/ upland rice	Leaf elongation		 In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. On anticipation of rain, provide proper drainage Keep the surrounding clean/ weedfree to avoid disease/pest harboring 	
VEGETABLE	S			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	 Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed. 	
HORTICULT	[]			
Citrus Ginger/ turmeric			 Keep orchard weed-free terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain. Apply bio-mulch @10 t/ha to cover the ridges and furrows of the first state. 	
Large cardamom	vegetative Planting		 the field. A two year old nursery suckers should be planted in the main field Spacing of 1.8X1.8 m² to be maintained. Care should be taken so that the young white colored root should not be destroyed while planting 	
LIVESTOCK a	nd POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Chickens	All stages		 Maintain strict hygiene and sanitation measure in the poultry farm 	
Cattle/ Mithun	All Growth		 Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Provide green grass to the animals as far as possible 	
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	

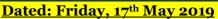


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Arunachal Pradesh

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No: AMFU-Basar/2019/39





Gramin Krishi Mausam Sewa ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: ANJAW

{Hawai: Latitude: 28.22/ Longitude: 94.72/Altitude: 1296 m amsl}

Weather summery of the previous week	Weather forecast valid up to 22 nd May 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 26.0-
	27.0°C and 17-18.0°C respectively. Expected morning and evening relative
	humidity will be 80-88% and 44-57% respectively. Wind direction is mainly
	variable with average wind speed range of 7.0-8.1 kmph.
Warning:	♦ NIL

- * 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	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	 Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer Installation of Stem borer specific pheromone traps, Manually collect and destruct any butterfly/moth found in the rice field, For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, 	
Ileure ei oo	Loof alongation		 Bio-control using cloves and ginger is advised, On anticipation of point previde proper during an 	
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 	
VEGETABLES				
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided, 	
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	 Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water, 	
HORTICULTU	RAL CROPS			
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin, 	
Orchards			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.	
Guava	Bud initiation stage		 Basin cleaning, Water stagnation should be avoided, 	
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Practices to be followed	
Poultry Contact Sci	All stages	te Agril Staff or KVK	 ♦ Provide shelter to the backyard/scavenging poultry. Feed grains in the morning/evening to supplement scavenging. ♦ Day old chick-Maintain warmth by lighting, ♦ staff for measures against adverse conditions or call at 03795-226237/226247 	



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Dated: Friday, 17th May 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 22 nd May 2019
Rainfall = Changlang: 32.4 mm Miao: 5.2 mm	Partly cloudy with possibility of moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 28.0-
	29.0°C and 20.0-22.0°C respectively. Expected morning and evening relative
	humidity will be 77-91% and 37-52% respectively. Wind direction is mainly
	SSE with average wind speed range of 4.8-5.3 kmph.
Warning:	• NIL

- 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
 - **Right time for digging Jalkunds to harvest rainwater.**

FIELD CROPS Rice Nursery/transpl antation Stem borer Inundate the main field by making new bunds to keep op the field. Rice: Weed free & clean nurs disease/pest harboring. Cut the tips of the leaves befor population of stem borer as the egg reduce the carryover of the infestatic disease/pest harboring. Cut the tips of the leaves befor population of stem borer as the egg reduce the carryover of the infestatic disease of heavy rain. On anticipation of rain, provide pr Keep the surrounding clean/ weed harboring VEGETABLES Tomato/ chilli/ brinjal Vegetative/ fruiting Blight Keep weed free and avoid waters st Spraying of COC @2-3 m/lit at w during clear/dry days in case of gr protected cultivation spraying can symptoms observed. HORTICULTURAL CROPS Citrus Flowering Keep orchard weed-free terraces for fruit crops (orange/by slopes to prevent nutrient loss due to cover the field. Large cardamom Planting A two year old nursery suckers shou field Spacing of 1.8X1.8 m² to be maintai Care should be taken so that the you should not be destroyed while planti could not be destroyed while planti could not be destroyed while planti could not be destroyed while pla	DETAILS OF ADVISORIES FOR THE PERIOD			
Rice Nursery/transpl antation Stem borer Inundate the main field by making new bunds to keep op the field. Rice: Weed free & clean nurs disease/pest harboring. Cut the tips of the leaves before population of stem borer as the egg reduce the carryover of the infestatic losses in case of heavy rain. Jhum rice/ upland rice Leaf elongation In terraces, bunding should be losses in case of heavy rain. VEGETABLES On anticipation of rain, provide pr & Keep the surrounding clean/ weed harboring VEGETABLES Tomato/ chilli/ brinjal Vegetative/ fruiting Blight Keep weed free and avoid water st & Spraying of COC @2-3 ml/lit at w during clear/dry days in case of gr protected cultivation spraying can symptoms observed. HORTICULTURAL CROPS Etraces for fruit crops (orange/b slopes to prevent nutrient loss due to slopes to prevent nutrient loss due to slopes to prevent nutrient loss due to slopes to prevent nutrient loss due to field Large cardamom Planting A two year old nursery suckers shou field LiveSTOCK and POULTRY Livestock Stage Livestock Stage Precautionary Practices to Maintain strict hygiene and sanita poultry farm Ochickens All stages Maintain strict hygiene and sanita poultry farm	Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
antation making new bunds to keep op the field. Rice: Weed free & clean nurs disease/pest harboring. Cut the tips of the leaves before population of stem borer as the egg reduce the carryover of the infestatic Jhum rice/ Jhum rice/ Leaf elongation In terraces, bunding should be losses in case of heavy rain. Upland rice Con anticipation of rain, provide pro	FIELD CROPS			
upland rice Iosses in case of heavy rain. upland rice On anticipation of rain, provide privation of rain, provide privation of rain, privatin, privation of rain, privation of rain, pr	Rice		Stem borer	Rice: Weed free & clean nursery periphery to prevent
Tomato/ chilli/ brinjalVegetative/ fruitingBlight & Keep weed free and avoid water st & Spraying of COC @2-3 ml/lit at w during clear/dry days in case of gr protected cultivation spraying can symptoms observed. HORTICULTURAL CROPSCitrusFlowering & Keep orchard weed-free & terraces for fruit crops (orange/ba slopes to prevent nutrient loss due to terfield. Cinger/ turmericSowing/ vegetative & Apply bio-mulch @10 t/ha to cover the field.Large cardamomPlanting & A two year old nursery suckers shou fieldLIVESTOCK and POUL/TRYDiseasePrecautionary Practices to I anold not be destroyed while planti \$ Maintain strict hygiene and sanita poultry farmChickensAll stages & Maintain strict hygiene and sanita poultry farmDeworming against coccidiosis, Vaccination of new born chicks for . > Naccination of new born chicks for .	upland rice			 losses in case of heavy rain. On anticipation of rain, provide proper drainage Keep the surrounding clean/ weedfree to avoid disease/pest
brinjalfruitingSpraying of COC @2-3 ml/lit at w during clear/dry days in case of gr protected cultivation spraying can symptoms observed.HORTICULTURAL CROPSCitrusFlowering< Keep orchard weed-free < terraces for fruit crops (orange/basilopes to prevent nutrient loss due to slopes to prevent nutrient loss due to vegetativeGinger/ turmericSowing/ vegetative< Apply bio-mulch @10 t/ha to cover the field.Large cardamomPlanting< A two year old nursery suckers shou fieldLIVESTOCK and POULTRYULivestockStageDiseaseChickensAll stages< Maintain strict hygiene and sanita poultry farmOchickensAll stages< Maintain strict hygiene and sanita poultry farm				
Citrus Flowering Keep orchard weed-free terraces for fruit crops (orange/baslopes to prevent nutrient loss due to slopes to prevent nutrient loss due to vegetative Apply bio-mulch @10 t/ha to cover the field. Large cardamom Planting A two year old nursery suckers shou field Spacing of 1.8X1.8 m² to be maintai Care should be taken so that the you should not be destroyed while planti Livestock Stage Disease Precautionary Practices to I mouth of the second sec			Blight	Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if
Ginger/ turmeric Sowing/ vegetative Apply bio-mulch @10 t/ha to cover the field. Large cardamom Planting 	HORTICULT	URAL CROPS		
vegetative the field. Large cardamom Planting A two year old nursery suckers show field Spacing of 1.8X1.8 m² to be maintail Spacing of 1.8X1.8 m² to be maintail Care should be taken so that the you should not be destroyed while plantic Care should be taken so that the you should not be destroyed while plantic Livestock Stage Disease Precautionary Practices to I Chickens All stages Maintain strict hygiene and sanita poultry farm Vaccination of new born chicks for and poulter for the precision of new born chicks for and poulter for the precision of th		Flowering		terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
field field Spacing of 1.8X1.8 m² to be maintait Spacing of 1.8X1.8 m² to be maintait Care should be taken so that the you should not be destroyed while plantit LIVESTOCK and POULTRY Livestock Stage Disease Precautionary Practices to I Chickens All stages All stages Stage Deworming against coccidiosis, Vaccination of new born chicks for A	Ginger/ turmeric	Ū.		 Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.
LivestockStageDiseasePrecautionary Practices to IChickensAll stages				 A two year old nursery suckers should be planted in the main field Spacing of 1.8X1.8 m² to be maintained. Care should be taken so that the young white colored root should not be destroyed while planting
Chickens All stages Maintain strict hygiene and sanita poultry farm Chickens All stages Chickens Chickens Chickens Chickens Chickens All stages Chickens Chickens Chickens Chickens <td>LIVESTOCK a</td> <td>nd POULTRY</td> <td></td> <td></td>	LIVESTOCK a	nd POULTRY		
poultry farm * Deworming against coccidiosis, * Vaccination of new born chicks for a	Livestock	Stage	Disease	Precautionary Practices to be followed
Cattle/ Mithun All Growth	Chickens	All stages		
 Provide fodder supplement, 	Cattle/ Mithun	All Growth	te Agril Stoff or KVL	Provide green grass to the animals as far as possible



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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 22 nd May 2019
Rainfall = NA	Partly cloudy with possibility of moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 29.0-
	31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative
	humidity will be 91-94% and 53-57% respectively. Wind direction is mainly
	SE & ESE with average wind speed range of 7.3-8.1 kmph.
Warning:	• NIL

- 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	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	 Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer Installation of Stem borer specific pheromone traps, Manually collect and destruct any butterfly/moth found in the rice field, For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, 	
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	
VEGETABLES				
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off 	
Tomato,	Vegetative/	Fruit borer/	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2	
Chilli	Harvesting	Late blight	ml per litre of water,	
HORTICULTU				
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin, 	
Orchards			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.	
Guava	Bud initiation		 Basin cleaning, 	
	stage		 Water stagnation should be avoided, 	
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, 	
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	



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Dated: Friday, 17th May 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 22 nd May 2019
Rainfall =0.0 mm	Partly with possibility of moderate rainfall. Daily maximum and
	minimum temperature for the following period is predicted to be 27-28°C
	and 19.0-20.0°C respectively. Expected morning and evening relative
	humidity will be 83-90% and 50-55% respectively. Wind direction is mainly
	S & SSW with average wind speed range of 6.0-6.2 kmph.
Warning:	• NIL

GENER	GENERAL RECOMMENDATIONS6				
 Monitor 	• Monitor for possible attack of insects/pests				
 Application of fertilizers/manure can be done during clear/dry days 					
Proper d	lrainage to all cro	p to avoid runoff			
Check of	f vaccination sche	i			
		DETAILS OF A	ADVISC	DRIES FOR THE PERIOD	
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS		~ .			
Rice	Nursery/transpl antation	Stem borer	*	Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. 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.	
Maize	Knee height		*	Field should be weed free	
			*	Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.	
Jhum rice/	Leaf elongation		*	In terraces, bunding should be done to reduce nutrient	
upland rice				losses in case of heavy rain.	
			*	On anticipation of rain, provide proper drainage	
			*	Keep the surrounding clean/ weedfree to avoid disease/pest	
	~			harboring	
VEGETABLE		D1: -1-(•		
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	*	Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.	
HORTICULT	URAL CROPS				
Citrus	Flowering			Keep orchard weed-free	
			*	terraces for fruit crops (orange/banana/apple/peach) in steep	
Ginger/ turmeric	Sowing/ vegetative		*	slopes to prevent nutrient loss due to rain. Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.	
Large cardamom	Planting		*	A two year old nursery suckers should be planted in the main	
				field	
				Spacing of $1.8 \times 1.8 \text{ m}^2$ to be maintained.	
			**	Care should be taken so that the young white colored root should not be destroyed while planting	
LIVESTOCK a	nd POULTRY				
Livestock	Stage	Disease		Precautionary Practices to be followed	
Chickens	All stages	D15Ca3C	*	Maintain strict hygiene and sanitation measure in the	
CHICKCHS	1 m stages		*	poultry farm	
			*	Deworming against coccidiosis,	
			*	Vaccination of new born chicks for Rani khet disease	
Cattle/ Mithun	All Growth			Vaccination with foot and mouth disease (FMD),	
			*	Provide fodder supplement,	
Contract Co	antista (ICAP) Cu	A and Clar ee		Provide green grass to the animals as far as possible	
Contact Sci	entists (ICAR) or Stat	e 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: EAST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 22 nd May 2019
	Partly cloudy with possibility of moderate rain. Daily maximum and
20.0°C ; RH: 71-94%	minimum temperature for the following period is predicted to be 29.0-
	31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative
	humidity will be 84-90% and 42-51% respectively. Wind direction is mainly
	WSW & WNW with average wind speed range of 5.5-5.9 kmph.
Warning:	• NIL

 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				
Rice	Nursery/transpl antation	Stem borer	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. 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. 	
Maize	Knee height		 Field should be weed free Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack. 	
<i>Jhum</i> rice/ upland rice	Leaf elongation		 In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. On anticipation of rain, provide proper drainage Keep the surrounding clean/ weedfree to avoid disease/pest harboring 	
VEGETABLE	S			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	 Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed. 	
HORTICULT	URAL CROPS			
Citrus Ginger/ turmeric	Flowering Sowing/		 Keep orchard weed-free terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain. Apply bio-mulch @10 t/ha to cover the ridges and furrows of 	
Large cardamom	vegetative Planting		 the field. A two year old nursery suckers should be planted in the main field Spacing of 1.8X1.8 m² to be maintained. Care should be taken so that the young white colored root should not be destroyed while planting 	
LIVESTOCK a	nd POULTRY			
Livestock	Stage	Disease	Precautionary Practices to be followed	
Chickens	All stages		 Maintain strict hygiene and sanitation measure in the poultry farm Deworming against coccidiosis, Vaccination of new born chicks for <i>Rani khet</i> disease 	
Cattle/ Mithun	All Growth		 Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Provide group gross to the animals as far as possible. 	

Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247

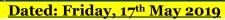


District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39





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 22 nd May 2019
Rainfall (Koloriang): 14.1 mm	Partly cloudy with possibility of moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 26.0-
	29.0°C and 18.0-21.0°C respectively. Expected morning and evening relative
	humidity will be 90-93% and 51-60% respectively. Wind direction is mainly
	W & WNW with average wind speed range of 5.9-6.6 kmph.
Warning:	• NIL

- 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	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	 Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer Installation of Stem borer specific pheromone traps, Manually collect and destruct any butterfly/moth found in the rice field, For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, 	
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 	
VEGETABLES				
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off 	
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,	
HORTICULTU	Ŷ	Dute engit		
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin, 	
Orchards			 Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour. 	
Guava	Bud initiation stage		 Basin cleaning, Water stagnation should be avoided, 	
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, 	
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: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39

Dated: Friday, 17th May 2019



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 22 nd May 2019
Rainfall: 16.4 mm (Tezu)	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 21.0-22.0°C respectively. Expected morning and evening relative
	humidity will be 70-85% and 40-51% respectively. Wind direction is mainly
	NE & ENE average wind speed range of 6.5-7.3 kmph.
Warning	• NIL

GENERAL RECOMMENDATIONS				
Monitor for possible attack of insects/pests				
Application of fertilizers/manure can be done during clear/dry days				
 Proper d 	lrainage to all cro	p to avoid runoff		
Check of	f vaccination sche			
			ADVISC	DRIES FOR THE PERIOD
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Rice	Nursery/transpl antation	Stem borer	*	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. 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.
Maize	Knee height		*	Field should be weed free
			*	Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
Jhum rice/	Leaf elongation		*	In terraces, bunding should be done to reduce nutrient
upland rice				losses in case of heavy rain.
			*	On anticipation of rain, provide proper drainage
			*	Keep the surrounding clean/ weedfree to avoid disease/pest
				harboring
VEGETABLE		D11 1		
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	*	Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULT	URAL CROPS			
Citrus	Flowering		*	Keep orchard weed-free terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.
Ginger/ turmeric	Sowing/ vegetative		*	Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.
Large cardamom	Planting		*	A two year old nursery suckers should be planted in the main field Spacing of 1.8X1.8 m ² to be maintained. Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK and POULTRY				
Livestock	Stage	Disease		Precautionary Practices to be followed
Chickens	All stages		*	Maintain strict hygiene and sanitation measure in the poultry farm Deworming against coccidiosis, Vaccination of new born chicks for <i>Rani khet</i> disease
Cattle/ Mithun	All Growth			Vaccination of new born energy for <i>Kant knet</i> disease Vaccination with foot and mouth disease (FMD),
			*	Provide fodder supplement,
			*	Provide green grass to the animals as far as possible
Contact Sci	entists (ICAR) or Stat	e 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: 18th to 22nd May 2019)

<u>No: AMFU-Basar/2019/39</u>

Dated: Friday, 17th May 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 22 nd May 2019
Rainfall (Roing): 64.9 mm	Partly cloudy with possibility of moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 29.0-
	31.0°C and 21.0-22.0°C respectively. Expected morning and evening relative
	humidity will be 82-87% and 45-51% respectively. Wind direction is mainly
	SE & SSE with average wind speed range of 6.8-7.4 kmph.
Warning:	• NIL

GENER	GENERAL RECOMMENDATIONS					
 Monitor 	Monitor for possible attack of insects/pests					
	• Application of fertilizers/manure can be done during clear/dry days					
Proper d						
Check of vaccination schedule in poultry/livestock						
		DETAILS OF A	ADVISO	RIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS	11					
Rice	Nursery/transpl antation	Stem borer		Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. 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.		
Maize	Knee height		* *	Field should be weed free Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.		
Jhum rice/ upland rice	Leaf elongation		* * *	In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. On anticipation of rain, provide proper drainage Keep the surrounding clean/ weedfree to avoid disease/pest harboring		
VEGETABLE	S					
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	* *	Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.		
HORTICULT	URAL CROPS					
Citrus	Flowering		*	Keep orchard weed-free terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain.		
Ginger/ turmeric	Sowing/ vegetative			Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.		
Large cardamom			*	A two year old nursery suckers should be planted in the main field Spacing of 1.8X1.8 m ² to be maintained. Care should be taken so that the young white colored root should not be destroyed while planting		
LIVESTOCK a						
Livestock Chickens	Stage All stages	Disease	*	Precautionary Practices to be followed Maintain strict hygiene and sanitation measure in the poultry farm Deworming against coccidiosis, Vaccination of new born chicks for <i>Pani khat</i> discase		
Cattle/ Mithun	All Growth		* *	Vaccination of new born chicks for <i>Rani khet</i> disease Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Provide green grass to the animals as far as possible		

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

No: AMFU-Basar/2019/39



(Period: 18th to 22nd May 2019) Dated: Friday, 17th May 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 22 nd May 2019
Ziro: 11.2 mm	Mostly sunny/ Partly cloudy with possibility moderate rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-31.0°C and 21.0-22.0°C respectively. Expected morning and evening
	relative humidity will be 91-94% and 53-65% respectively. Wind direction
	is mainly WNW & NW with average wind speed range of 4.8-5.6 kmph.
Warning:	• NIL

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				
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	 Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer Installation of Stem borer specific pheromone traps, Manually collect and destruct any butterfly/moth found in the rice field, For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised, 	
Jhum rice	Leaf elongation		 Discontrol using cloves and ginger is advised; 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 	
VEGETABLES				
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided, 	
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,	
HORTICULTU				
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin, 	
Orchards			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.	
Guava	Bud initiation stage		 Basin cleaning, Water stagnation should be avoided, 	
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, 	
Contact Scientists	s (I <mark>CAR) or State</mark> A	gril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247	



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39



Dated: Friday, 17th May 2019



Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: PAPUM PARE

Weather forecast valid up to 22 nd May 2019
Partly cloudy with possibility of moderate rain. Daily maximum and
minimum temperature for the following period is predicted to be 29.0-
30.0°C and 21.0-22.0°C respectively. Expected morning and evening relative
humidity will be 87-95% and 60-68% respectively. Wind direction is mainly
S with average wind speed range of 5.4-5.9 kmph.
• NIL

GENER	GENERAL RECOMMENDATIONS					
 Monitor 	Monitor for possible attack 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	Check of vaccination schedule in poultry/livestock					
			DVISO	PRIES FOR THE PERIOD		
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS		<u> </u>				
Rice	Nursery/transpl antation	Stem borer	*	Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. 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.		
Maize	Knee height		* *	Field should be weed free Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.		
<i>Jhum</i> rice/ upland rice	Leaf elongation		* * *	In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. On anticipation of rain, provide proper drainage Keep the surrounding clean/ weedfree to avoid disease/pest harboring		
VEGETABLE	S					
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	* *	Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.		
HORTICULT	URAL CROPS					
Citrus Ginger/ turmeric	Flowering Sowing/		*	Keep orchard weed-free terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain. Apply bio-mulch @10 t/ha to cover the ridges and furrows of		
	vegetative		·	the field.		
Large cardamom	Planting		*	A two year old nursery suckers should be planted in the main field Spacing of 1.8X1.8 m ² to be maintained. Care should be taken so that the young white colored root should not be destroyed while planting		
LIVESTOCK a	nd POULTRY					
Livestock	Stage	Disease		Precautionary Practices to be followed		
Chickens Cattle/ Mithun	All stages All Growth		* *	Maintain strict hygiene and sanitation measure in the poultry farmDeworming against coccidiosis, Vaccination of new born chicks for <i>Rani khet</i> diseaseVaccination with foot and mouth disease (FMD),		
		e Agril Staff or KVK	* *	Provide fodder supplement, Provide green grass to the animals as far as possible measures against adverse conditions or call at 03795-226237/226247		



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39

Dated: Friday, 17th May 2019



Gramin Krishi Mausam Sewa ICAR Research Complex for NEH Region, Arunachal Pradesh Centre, Basar-791101

ADVISORY FOR DISTRICT: TAWANG

Weather forecast valid up to 22 nd May 2019
Mostly sunny with possibility of light rain. Daily maximum and minimum
temperature for the following period is predicted to be 15.0-16.0°C and 6.0-
7.0°C respectively. Expected morning and evening relative humidity will be
86-91% and 31-47% respectively. Wind direction is mainly SE & E with
average wind speed range of 8.2-8.8 kmph.
• NIL

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

FIELD CROPS

FIELD CROPS				
Rice	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	field,	ture level in the transplanted rice s may be done in well puddled WRC
			 Cutting of upper portions transplanting helps in man 	
			 Installation of Stem borer 	•
			 Manually collect and des the rice field, 	struct any butterfly/moth found in
			For management of Blass gram per litre of water of of water three spraying a	-
Jhum rice	Leaf elongation		 Bio-control using cloves On anticipation of rain, 	
<i>shum</i> nee	Lear cioligation		✤ Follow proper runoff n	nanagement system to avoid loss of
			 top soil due to heavy rain Keep the surrounding cl 	lean/ weed-free to avoid disease/pest
			harboring	lean/ weed-free to avoid disease/pest
VEGETABLES				
Sponge, bitter, ash, ridge gourd, pumpkin,	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Protection of seeds from c 	in well prepared hills may be done. aut worm by application of Carbofuran,
cucumber			crop field using a light souSeed treatment with copped	er fungicides to control damping off
The second se	TT		 Application of raw cow du 	
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	 Spraying of Mancozeb @ ml per litre of water, 	2 gm per litre + cypermethrin @ 2
HORTICULTU		T		
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone Collect and dispose off the Clean basin, 	
Orchards				caces in fruit crops grown in steep at loss during heavy downpour.
Guava	Bud initiation stage		Basin cleaning,Water stagnation should b	e avoided,
LIVESTOCKS				
Livestock	Stage	Disease	Precautionary Pr	actices to be followed
Poultry	All stages			backyard/scavenging poultry. Feed rening to supplement scavenging.
Contact Scientists	s (ICAR) or State A	Agril Staff or KVK		nditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 18th to 22nd May 2019)



Dated: Friday, 17th May 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 22 nd May 2019
Rainfall: NA	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 21.0-22.0°C respectively. Expected morning and evening
	relative humidity will be 83-87% and 48-60% respectively. Wind direction
	is mainly SSE & S with average wind speed range of 4.1-4.7 kmph.
Warning:	• NIL

- 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

Check of vaccination schedule in pointry/investock DETAILS OF ADVISORIES FOR THE PERIOD			
Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Nursery/transpl antation	Stem borer	 Inundate the main field by repairing old bunds or making new bunds to keep optimum level of water in the field. 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.
Maize	Knee height		 Field should be weed free Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of water advocated at weekly interval during clear/dry days to avoid insect attack.
<i>Jhum</i> rice/ upland rice	Leaf elongation		 In terraces, bunding should be done to reduce nutrient losses in case of heavy rain. On anticipation of rain, provide proper drainage Keep the surrounding clean/ weedfree to avoid disease/pest harboring
VEGETABLE			
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	 Keep weed free and avoid water stagnation Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For protected cultivation spraying can be done immediately if symptoms observed.
HORTICULT			
Citrus Ginger/ turmeric	Flowering Sowing/ vegetative		 Keep orchard weed-free terraces for fruit crops (orange/banana/apple/peach) in steep slopes to prevent nutrient loss due to rain. Apply bio-mulch @10 t/ha to cover the ridges and furrows of the field.
	Planting		 A two year old nursery suckers should be planted in the main field Spacing of 1.8X1.8 m² to be maintained. Care should be taken so that the young white colored root should not be destroyed while planting
LIVESTOCK a	nd POULTRY		
Livestock	Stage	Disease	Precautionary Practices to be followed
Chickens	All stages		Maintain strict hygiene and sanitation measure in the poultry farm
Cattle/ Mithun	All Growth		 Vaccination with foot and mouth disease (FMD), Provide fodder supplement, Provide green grass to the animals as far as possible
Contact Sci	enusts (ICAR) or Stat	e Agrii Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 18th to 22nd May 2019)

No: AMFU-Basar/2019/39

Dated: Friday, 17th May 2019



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 22 nd May 2019
Rainfall: 0.0 mm	Mostly sunny with possibility of moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 26.0-
	27.0°C and 18.0-19.0°C respectively. Expected morning and evening relative
	humidity will be 91-93% and 50-57% respectively. Wind direction is mainly
	S & SSW with average wind speed range of 6.0-6.6 kmph.
Warning:	• NIL

- 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	Nursery Preparation and transplanting	Yellow stem borer/ Leaf folder/ Blast	 Maintain adequate moisture level in the transplanted rice field, Transplanting of seedlings may be done in well puddled WRC field, Cutting of upper portions of leaves of seedlings before transplanting helps in management of stem borer Installation of Stem borer specific pheromone traps, Manually collect and destruct any butterfly/moth found in the rice field, For management of Blast, spraying of Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water three spraying at 10 days interval, Bio-control using cloves and ginger is advised,
Jhum rice	Leaf elongation		 Bio-control using cloves and ginger is advised, 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
VEGETABLES			
Sponge, bitter, ash, ridge gourd, pumpkin, cucumber	Sowing/ Germination/ Vegetative	Cut worm Damping off	 Earthing up of germinated plants, Sowing of certified seeds in well prepared hills may be done. Protection of seeds from cut worm by application of Carbofuran, /caterpillars may be manually collected in the dusk hours in the crop field using a light source Seed treatment with copper fungicides to control damping off Application of raw cow dung should be avoided,
Tomato, Chilli	Vegetative/ Harvesting	Fruit borer/ Late blight	 Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water,
HORTICULTU	•	U U	
Peach	Fruit maturing	Fruit Fly	 Install fruit fly pheromone traps, Collect and dispose off the fallen fruits. Clean basin,
Orchards			Prepare half moon terraces in fruit crops grown in steep slopes to prevent nutrient loss during heavy downpour.
Guava	Bud initiation stage		 Basin cleaning, Water stagnation should be avoided,
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,
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: 18th to 22nd May 2019)

<u>No: AMFU-Basar/2019/39</u>

Dated: Friday, 17th May 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 22 nd May 2019
Daporijo: 12.4 mm	Partly cloudy with possibility of moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 27.0-
	29.0°C and 19.0-20.0°C respectively. Expected morning and evening relative
	humidity will be 91-94% and 53-62% respectively. Wind direction is mainly
	WNW & NW with average wind speed range of 5.8 -6.5 kmph.
Warning:	• NIL

- 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	Nursery/transpl	Stem borer	*	Inundate the main field by repairing old bunds or
	antation			making new bunds to keep optimum level of water in
				the field.
			*	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.
Maize	Knee height		*	Field should be weed free
			*	Foliar spray of neem-based formulation @ 0.5% or 5ml/lit of
				water advocated at weekly interval during clear/dry days to
				avoid insect attack.
Jhum rice/	Leaf elongation		*	In terraces, bunding should be done to reduce nutrient
upland rice				losses in case of heavy rain.
			*	On anticipation of rain, provide proper drainage
			*	Keep the surrounding clean/ weedfree to avoid disease/pest
				harboring
VEGETABLE		D1' 1 -		
Tomato/ chilli/ brinjal	Vegetative/ fruiting	Blight	*	Keep weed free and avoid water stagnation
Unijai	Inutung		*	Spraying of COC @2-3 ml/lit at weekly interval advocated during clear/dry days in case of grown outside. For
				protected cultivation spraying can be done immediately if
				symptoms observed.
HORTICULT	URAL CROPS			
Citrus	Flowering			Keep orchard weed-free
			*	terraces for fruit crops (orange/banana/apple/peach) in steep
Ginger/ turmeric	Souving/		*	slopes to prevent nutrient loss due to rain. Apply bio-mulch @10 t/ha to cover the ridges and furrows of
Ginger/ turmeric	vegetative		••	the field.
Large cardamom	÷		*	A two year old nursery suckers should be planted in the main
Large cardamoni	Thanking		•	field
			*	2
			*	Care should be taken so that the young white colored root
				should not be destroyed while planting
	LIVESTOCK and POULTRY			
Livestock	Stage	Disease		Precautionary Practices to be followed
Chickens	All stages		*	Maintain strict hygiene and sanitation measure in the
			**	poultry farm Deworming against coccidiosis,
Cattle/ Mithun	All Growth			Vaccination with foot and mouth disease (FMD),
				Provide fodder supplement,
			*	Provide green grass to the animals as far as possible
Contact Sci	entists (ICAR) or Stat	e Agril Staff or KVK	<mark>staff for</mark>	measures against adverse conditions or call at 03795-226237/226247

