



District Level Agro-met Advisory Bulletin Arunachal Pradesh

(Period: 15th to 19th June <u>2019)</u>

No: AMFU-Basar/2019/47

Dated: Friday, 14th June 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 19 th June 2019
Rainfall = Bomdila: 0.0 mm; Bhalukpong: 14.6	Mostly cloudy with possibility of moderate rain. Daily maximum and
mm; Kalaktang: 0.0 mm	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 95-97% and 56-72% respectively. Wind direction is mainly
	variable wind speed range of 5.0-5.7 kmph.
WARNING:	

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 PERIOR	D
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		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROP	S		
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Maintain adequate moisture level in the transplanted rice field, Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLE			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Use traps to capture adult fruit fly, Collection and deep burying of infected fruit. Installation of pheromone traps. Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant, Mulching with locally available weeds to conserve moisture,
HORTICULT	URAL CROPS		
Citrus	Fruiting	Trunk borer	 ❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, ❖ Bordeaux pasting in the trunk (1 metre height), ❖ To avoid fruit drop, spray Planofix @1ml/10 litres of water, ❖ Regular monitoring of crop against attack of trunk borer, ❖ Bordeaux pasting of the citrus trees.
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot.
LIVESTOCK	KS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Piggary	All stages		 Deworming of animals under supervision of registered practitioner, Wallowing – Allowing pigs to play in muddy water,

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

Provide fresh clean drinking water,



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No: AMFU-Basar/2019/47

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<u>Dated: Friday, 14th June 2019</u>



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}

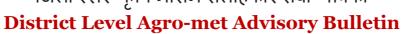
Weather summery of the previous week	Weather forecast valid up to 19 th June 2019
Rainfall: 0.0 mm, Max. T: 34.8°C, Min. T: 19.4°C,	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
Wind Speed: 4-8 km/h, RH: 38-89%, Wind Direction: WSW & SSW	maximum and minimum temperature for the following period is predicted to be 30.0-32.0°C and 25.0-26.0°C respectively. Expected morning and evening relative humidity will be 95-98% and 51-80% respectively. Wind direction is mainly W & WNW with average wind speed range of 3.5-4.8 kmph.
Warning:	NIL

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

	tion of fertilizers/r			ng clear/dry days	
-	 Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock 				
• Cneck o	i vaccination sche			ORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS	Ŭ	1 est/Disease		1 recautionary 1 ractices to be followed	
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot if infestation is high. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment.	
Rice (normal sown)	Nursery/ Seeding/ transplanting	Yellow stem borer		Monitor crop against attack of yellow stem borer. Look out for egg mass in the leaves, manual collection of egg mass and its destruction is the most effective method for its control. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice	
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot/ leaf folder	* *	Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.	
Maize	Silking	Soybean looper/Stem borer		Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,	
VEGETABLE					
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Keep weed free and avoid water stagnation Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 daysinterval for 2-3 times during clear/dry days.	
French bean/ pulses	Vegetative/ fruiting		*	Because of heavy rainfall the exposed roots portion of the plant should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,	
HORTICULT	URAL CROPS			tonouted and desire, for in the dash notice in the crop note,	
Lemon/other citrus fruits	Fruiting	Stem borer	*	To avoid stem borer attacks in citrus plants, apply a paste made by mixing lime, water and 5% Malathion dust on the stems of the plants up to a height of about 1 m from the ground.	
❖ LIVEST	❖ LIVESTOCK and POULTRY				
Livestock	Stage	Disease	Precau	utionary Practices to be followed	
Poultry	All stages		*	In view of high temperature, provide fresh lemon water all through the day, Vaccination should be done in the early morning, Provide clean drinking water to the birds,	
Fishery	CA (ICAR)	1. A. 1. St. 60 IVAN	*	Pond should be free from unwanted vegetation and insects. During heavy shower, water should not drain directly into the pond. It should be passed through a bed of sand before draining. measures against adverse conditions or call at 03795-226237/226247	







No: AMFU-Basar/2019/47

Dated: Friday, 14th June 2019



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 19 th June 2019
No weather summary available	Mostly cloudy with possibility of light to heavy rain. Daily maximum and
	minimum temperature for the following period is predicted to be 25.0-
	26.0°C and 19-20.0°C respectively. Expected morning and evening relative
	humidity will be 91-95% and 64-74% respectively. Wind direction is mainly
	ENE & E with average wind speed range of 4.5-5.6 kmph.
Warning:	❖ NIL

GENERAL RECOMMENDATIONS

	or for possible attac		
	cation of fertilizers/1 r drainage to all cro		ne during clear/dry days
-	of vaccination sche	•	estock
		DETAILS OF A	DVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROP			
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Maintain adequate moisture level in the transplanted rice field, Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised during clear day days or using appropriate sticker if infestation is high
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLE	ES		
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Use traps to capture adult fruit fly, Collection and deep burying of infected fruit. Installation of pheromone traps. Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant, Mulching with locally available weeds to conserve moisture,
HORTICULT	CURAL CROPS		Training with really available weeks to conserve moisture,
Citrus	Fruiting	Trunk borer	 ❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, ❖ Bordeaux pasting in the trunk (1 metre height), ❖ To avoid fruit drop, spray Planofix @1ml/10 litres of water, ❖ Regular monitoring of crop against attack of trunk borer, ❖ Bordeaux pasting of the citrus trees.
Banana	Fruiting		 Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant against scary beetles,
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot.
LIVESTOCE	KS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Piggery	All stages		 Deworming of animals under supervision of registered practitioner, Wallowing – Allowing pigs to play in muddy water, Provide fresh clean drinking water,

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







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Dated: Friday, 14th June 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 19 th June 2019
Rainfall = Changlang: 92.6 mm Miao: 27.8 mm	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 30.0-32.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 96-99% and 72-82% respectively. Wind direction
	is mainly SSE & ESE with average wind speed range of 2.8-4.1 kmph.
Warning:	• NII.

- 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 til	me for digging Jal			
		DETAILS OF A	ADVISORIES FOR THE PERIOD	
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	 On clear/dry days, spray carbendazim @ 2gm/lit water i jhum field against leaf blast & leaf spot if infestation is high. To control Leaf folder, close the water outlets of the plot an apply mud balls treated with kerosene @ 4-6 balls followed b rope treatment. 	
Rice (normal sown)	Nursery/ Seeding/ transplanting	Yellow stem borer	 Monitor crop against attack of yellow stem borer. Look out for egg mass in the leaves, manual collection of egg mass and it destruction is the most effective method for its control. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice 	
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot/ leaf folder	 Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, On clear/dry days, spray carbendazim @ 2gm/lit water is jhum field against leaf blast & leaf spot. 	
Maize	Silking	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, 	
VEGETABLE				
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	 Keep weed free and avoid water stagnation Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 daysinterval for 2-3 times. 	
French bean/ pulses	Vegetative/ fruiting		 Because of heavy rainfall the exposed roots portion of the plant should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field, 	
HORTICULT	URAL CROPS			
Lemon/other citrus fruits	Fruiting	Stem borer	❖ To avoid stem borer attacks in citrus plants, apply a paste made by mixing lime, water and 5% Malathion dust on the stems of the plants up to a height of about 1 m from the ground.	
LIVEST	OCK and POUL	ΓRY		
Livestock	Stage	Disease	Precautionary Practices to be followed	
Poultry	All stages		 In view of high temperature, provide fresh lemon water all through the day, Vaccination should be done in the early morning, Provide clean drinking water to the birds, 	
Contact Sci	ientists (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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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 19 th June 2019
Rainfall = NA	Mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 30.0-32.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 94-96% and 58-78% respectively. Wind direction
	is mainly ESE & E with average wind speed range of 4.9-6.2 kmph.
Warning:	• NIL

GENERAL RECOMMENDATIONS

	Monitor for possible attack of insects/pests				
			ne during clear/dry days		
Proper drainage to all crop to avoid runoff					
• Check	of vaccination sche		ADVISORIES FOR THE PERIOD		
~					
Crop	Stage	Pest/Disease	Precautionary Practices to be followed		
FIELD CROPS		Vallary stam	A. Maintain adamenta maintana lambia dha taon mbantad ni a		
Rice Jhum rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast Leaf blast/ leaf	 Maintain adequate moisture level in the transplanted rice field, Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised during cleaday days or using appropriate sticker if infestation is high On clear/dry days, spray carbendazim @ 2gm/lit water in jhur 		
Jum fice	elongation/	spot	field against leaf blast & leaf spot.		
	tillering	spot	 Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/perharboring 		
VEGETABLES	2		narboring		
Cucurbits	Flowering/	Fruit Fly	Use traps to capture adult fruit fly,		
Cucurons	Fruiting	White fly/ blister beetle	 Collection and deep burying of infected fruit. Installation of pheromone traps. Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant, Mulching with locally available weeds to conserve moisture, 		
HORTICULTU	URAL CROPS				
Citrus	Fruiting	Trunk borer	 ❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, ❖ Bordeaux pasting in the trunk (1 metre height), ❖ To avoid fruit drop, spray Planofix @1ml/10 litres of water, ❖ Regular monitoring of crop against attack of trunk borer, ❖ Bordeaux pasting of the citrus trees. 		
Ginger	Vegetative	Soft-root	Forest litter should be collected and used as mulching material.		
			 Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot. 		
LIVESTOCK	S				
Livestock	Stage	Disease	Precautionary Practices to be followed		
Piggary	All stages	to Aquil Ct. CC - TVV	 Deworming of animals under supervision of registered practitioner, Wallowing – Allowing pigs to play in muddy water, Provide fresh clean drinking water, 		
Contact So	cientists (ICAK) or Sta	ie Agrii Stall of KVK	staff for measures against adverse conditions or call at 03795-226237/226247		



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(Period: 15th to 19th June 2019)

No: AMFU-Basar/2019/47

Dated: Friday, 14th June 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 19 th June 2019
Rainfall =0.0 mm	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 26-27°C and 18.0-19.0°C respectively. Expected morning and evening
	relative humidity will be 92-96% and 54-71% respectively. Wind direction
	is mainly variable with average wind speed range of 4.3-5.1 kmph.
Warning:	• NIL

Monitor for possible attack of insects/pests Application of fortilizars/manusceep be done during clear/dry days.						
 Application of fertilizers/manure can be done during clear/dry days Proper drainage to all crop to avoid runoff 						
-	f vaccination sche	-				
		DETAILS OF A	ADVISC	ORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS		T C11 //1 C				
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot if infestation is high. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment.		
Rice (normal sown)	Nursery/ Seeding/ transplanting	Yellow stem borer		Monitor crop against attack of yellow stem borer. Look out for egg mass in the leaves, manual collection of egg mass and its destruction is the most effective method for its control. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice		
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot/ leaf folder	* *	Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.		
Maize	Silking	Soybean looper/Stem borer		Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,		
VEGETABLE		A 1 1 / 1 1				
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Keep weed free and avoid water stagnation Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 daysinterval for 2-3 times during clear/dry days.		
French bean/ pulses	Vegetative/ fruiting			Because of heavy rainfall the exposed roots portion of the plant should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,		
HORTICULT	URAL CROPS					
Lemon/other citrus fruits	Fruiting	Stem borer	*	To avoid stem borer attacks in citrus plants, apply a paste made by mixing lime, water and 5% Malathion dust on the stems of the plants up to a height of about 1 m from the ground.		
	OCK and POULT					
Livestock	Stage	Disease		utionary Practices to be followed		
Poultry	All stages		* *	In view of high temperature, provide fresh lemon water all through the day, Vaccination should be done in the early morning, Provide clean drinking water to the birds,		
Fishery			*	Pond should be free from unwanted vegetation and insects. During heavy shower, water should not drain directly into the pond. It should be passed through a bed of sand before draining.		
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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(Period: 15th to 19th June 2019)

<u>Dated: Friday, 14th June 2019</u>



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 19 th June 2019
	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
25.0°C; RH: 54-74%	maximum and minimum temperature for the following period is predicted to
	be 30.0-32.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 93-97% and 53-77% respectively. Wind direction
	is mainly variable with average wind speed range of 3.5-4.7 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 o	f vaccination sche		vestock ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed				
FIELD CROPS	Stage	I est/Disease	r recautionary r ractices to be followed				
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	 On clear/dry days, spray carbendazim @ 2gm/lit water jhum field against leaf blast & leaf spot if infestation is high apply mud balls treated with kerosene @ 4-6 balls followed rope treatment. 				
Rice (normal sown)	Nursery/ Seeding/ transplanting	Yellow stem borer	 Monitor crop against attack of yellow stem borer. Look out egg mass in the leaves, manual collection of egg mass and destruction is the most effective method for its control. Follow seedling root-dip treatment in chlorpyriphos 20EC 2ml/10lit water for 12 hrs before transplanting rice 				
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot/ leaf folder	 Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, On clear/dry days, spray carbendazim @ 2gm/lit water jhum field against leaf blast & leaf spot. 				
Maize	Silking	Soybean looper/Stem borer	 Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the inciden of stem borer infestation, 				
VEGETABLE	S						
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	 Keep weed free and avoid water stagnation Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 daysinterval for 2-3 times during clear/dry days. 				
French bean/ pulses	Vegetative/ fruiting		 Because of heavy rainfall the exposed roots portion of the pla should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field, 				
HORTICULT	URAL CROPS						
Lemon/other citrus fruits	Fruiting	Stem borer	To avoid stem borer attacks in citrus plants, apply a paste made by mixing lime, water and 5% Malathion dust on th stems of the plants up to a height of about 1 m from the ground.				
❖ LIVESTOCK and POULTRY							
Livestock	Stage	Disease	Precautionary Practices to be followed				
Poultry	All stages		 In view of high temperature, provide fresh lemon water al through the day, Vaccination should be done in the early morning, Provide clean drinking water to the birds, 				
Fishery			 Pond should be free from unwanted vegetation and insects. During heavy shower, water should not drain directly into the pond. It should be passed through a bed of sand before draining. 				
Contact Sci	ientists (ICAR) or Stat	te Agril Staff or KVK	staff for measures against adverse conditions or call at 03795-226237/226247				





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(Period: 15th to 19th June 2019)

No: AMFU-Basar/2019/47

Dated: Friday, 14th June 2019



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 19 th June 2019
Rainfall (Koloriang): 6.4 mm	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 35.0-37.0°C and 26.0-28.0°C respectively. Expected morning and evening
	relative humidity will be 92-97% and 51-77% respectively. Wind direction
	is mainly SE & SSW with average wind speed range of 4.3-5.5 kmph.
Warning:	• NIL

	: for possible attac tion of fertilizers/r	-	ne during clear/dry days
	drainage to all cro		ac during creat, any days
Check o	f vaccination sche		
Corre	G4		ADVISORIES FOR THE PERIOD
Crop FIELD CROPS	Stage	Pest/Disease	Precautionary Practices to be followed
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Maintain adequate moisture level in the transplanted rice field, Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised during clear day days or using appropriate sticker if infestation is high
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLES			
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Use traps to capture adult fruit fly, Collection and deep burying of infected fruit. Installation of pheromone traps. Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant, Mulching with locally available weeds to conserve moisture,
HORTICULTU	RAL CROPS		
Citrus	Fruiting	Trunk borer	 Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Bordeaux pasting in the trunk (1 metre height), To avoid fruit drop, spray Planofix @1ml/10 litres of water, Regular monitoring of crop against attack of trunk borer, Bordeaux pasting of the citrus trees.
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot.
LIVESTOCKS	S		
Livestock	Stage	Disease	Precautionary Practices to be followed
Piggary	All stages		 Deworming of animals under supervision of registered practitioner, Wallowing – Allowing pigs to play in muddy water, Provide fresh clean drinking water, staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin



(Period: 15th to 19th June 2019)

No: AMFU-Basar/2019/47

Dated: Friday, 14th June 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 19 th June 2019
Rainfall: 3.4 mm (Tezu)	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 29.0-30.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 89-95% and 55-74% respectively. Wind direction
	is mainly NE & ESE average wind speed range of 3.9-4.7 kmph.
Warning	• NIL

 Monitor for possible attack of insects/pests Application of fertilizers/manure can be done during clear/dry days 					
	drainage to all cro			ig clean/ully days	
Check of	f vaccination sche				
			ADVISC	PRIES FOR THE PERIOD	
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS	•				
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	*	On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot if infestation is high. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment.	
Rice (normal sown)	Nursery/ Seeding/ transplanting	Yellow stem borer	*	Monitor crop against attack of yellow stem borer. Look out for egg mass in the leaves, manual collection of egg mass and its destruction is the most effective method for its control. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice	
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot/ leaf folder	* *	Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.	
Maize	Silking	Soybean looper/Stem borer		Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,	
VEGETABLE	S				
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Keep weed free and avoid water stagnation Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 daysinterval for 2-3 times during clear/dry days.	
French bean/ pulses	Vegetative/ fruiting		*	Because of heavy rainfall the exposed roots portion of the plant should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,	
HORTICULT	URAL CROPS				
Lemon/other citrus fruits	Fruiting	Stem borer	*	To avoid stem borer attacks in citrus plants, apply a paste made by mixing lime, water and 5% Malathion dust on the stems of the plants up to a height of about 1 m from the ground.	
* LIVEST	OCK and POULT	T'RY			
Livestock	Stage	Disease	Precai	utionary Practices to be followed	
Poultry	All stages		*	In view of high temperature, provide fresh lemon water all through the day, Vaccination should be done in the early morning, Provide clean drinking water to the birds,	
Fishery Contact Sc.	ientists (ICAR) or Sto	te Agril Staff or KVK	*	Pond should be free from unwanted vegetation and insects. During heavy shower, water should not drain directly into the pond. It should be passed through a bed of sand before draining. measures against adverse conditions or call at 03795-226237/226247	

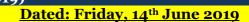


District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 15th to 19th June 2019)

No: AMFU-Basar/2019/47





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 19 th June 2019
Rainfall (Roing): 16.63 mm	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 30.0-32.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 91-96% and 57-73% respectively. Wind direction
	is mainly ENE & E with average wind speed range of 3.8-5.1 kmph.
Warning:	• NIL

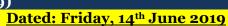
GENER	GENERAL RECOMMENDATIONS					
• Monitor	for possible attac	k of insects/pests				
Application of fertilizers/manure can be done during clear/dry days						
• Proper	Proper drainage to all crop to avoid runoff					
 Check o 	f vaccination sche	dule in poultry/li	vestock			
		DETAILS OF A	ADVISO	RIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS						
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder		On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot if infestation is high. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment.		
Rice (normal sown)	Nursery/ Seeding/ transplanting	Yellow stem borer		Monitor crop against attack of yellow stem borer. Look out for egg mass in the leaves, manual collection of egg mass and its destruction is the most effective method for its control. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice		
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot/ leaf folder	* *	Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.		
Maize	Silking	Soybean looper/Stem borer		Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,		
VEGETABLE	S					
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Keep weed free and avoid water stagnation Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 daysinterval for 2-3 times during clear/dry days.		
French bean/ pulses	Vegetative/ fruiting			Because of heavy rainfall the exposed roots portion of the plant should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field,		
HORTICULT	URAL CROPS		1			
Lemon/other citrus fruits	Fruiting	Stem borer	*	To avoid stem borer attacks in citrus plants, apply a paste made by mixing lime, water and 5% Malathion dust on the stems of the plants up to a height of about 1 m from the ground.		
❖ LIVESTOCK and POULTRY						
Livestock	Stage	Disease	ļ	ntionary Practices to be followed		
Poultry	All stages		*	In view of high temperature, provide fresh lemon water all through the day, Vaccination should be done in the early morning, Provide clean drinking water to the birds,		
Fishery	antists (ICAP) St	to A goil Ctoff VXV	* *	Pond should be free from unwanted vegetation and insects. During heavy shower, water should not drain directly into the pond. It should be passed through a bed of sand before draining.		
Contact Sci	ienusis (ICAK) or Sta	te Agrii Stail or KVK	stall for	measures against adverse conditions or call at 03795-226237/226247		







No: AMFU-Basar/2019/47





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 19 th June 2019
Ziro: 0.0 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 31.0-34.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 94-98% and 56-80% respectively. Wind direction
	is mainly WNW & NW with average wind speed range of 3.6-4.3 kmph.
Warning:	• NIL

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days

			ne during clear/dry days
_	r drainage to all cro		ootools
• Cneck	of vaccination sche		DVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROP		1 est/Discuse	Treatment Truction to be followed
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Maintain adequate moisture level in the transplanted rice field, Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised during clear day days or using appropriate sticker if infestation is high
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLE	ES		
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Use traps to capture adult fruit fly, Collection and deep burying of infected fruit. Installation of pheromone traps. Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant, Mulching with locally available weeds to conserve moisture,
HORTICULT	CURAL CROPS		, , , , , , , , , , , , , , , , , , ,
Citrus	Fruiting	Trunk borer	 ❖ Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, ❖ Bordeaux pasting in the trunk (1 metre height), ❖ To avoid fruit drop, spray Planofix @1ml/10 litres of water, ❖ Regular monitoring of crop against attack of trunk borer, ❖ Bordeaux pasting of the citrus trees.
Banana	Fruiting		 Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant against scary beetles,
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot.
LIVESTOCI	KS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Piggery	All stages		 Deworming of animals under supervision of registered practitioner, Wallowing – Allowing pigs to play in muddy water,

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



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(Period: 15th to 19th June 2019)

No: AMFU-Basar/2019/47

Dated: Friday, 14th June 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 19 th June 2019
Rainfall: 0.0 mm; T. Max: 36.0°C; T. Min:	Mostly cloudy with possibility of moderate to heavy rain. Daily
25.0°C; RH: 68-83%	maximum and minimum temperature for the following period is predicted to
	be 32.0-35.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 95-96% and 62-81% respectively. Wind direction
	is mainly variable with average wind speed range of 3.7-5.3 kmph.
Warning:	• NIL

Monitor for possible attack of insects/pests						
 Applica 	Application of fertilizers/manure can be done during clear/dry days					
• Proper	drainage to all cro	p to avoid runoff	•			
• Check o	Check of vaccination schedule in poultry/livestock					
		DETAILS OF A	ADVISC	ORIES FOR THE PERIOD		
Crop	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS			•			
Rice (early	Stem	Leaf blast/ leaf	*	On clear/dry days, spray carbendazim @ 2gm/lit water in		
sown)	elongation/	spot/ leaf folder		jhum field against leaf blast & leaf spot if infestation is high.		
	panicle		*	To control Leaf folder, close the water outlets of the plot and		
	initiation			apply mud balls treated with kerosene @ 4-6 balls followed by		
				rope treatment.		
Rice (normal	Nursery/	Yellow stem	*	Monitor crop against attack of yellow stem borer. Look out for		
sown)	Seeding/	borer		egg mass in the leaves, manual collection of egg mass and its		
	transplanting			destruction is the most effective method for its control.		
			*	Follow seedling root-dip treatment in chlorpyriphos 20EC @		
			ľ	2ml/10lit water for 12 hrs before transplanting rice		
Jhum Rice	Stem elongation/	Leaf blast/ leaf	*	Make structures to avoid runoff in the slope,		
	panicle	spot/ leaf folder	*	Install yellow stem borer pheromone traps to trap the adults,		
	initiation/	1	*	On clear/dry days, spray carbendazim @ 2gm/lit water in		
	booting			jhum field against leaf blast & leaf spot.		
Maize	Silking	Soybean	*	Monitor the crop against attack of insect pests & avoid water		
		looper/Stem		stagnation,		
		borer	*	Intercropping with legumes & cassava can reduce the incidence		
VECETABLE				of stem borer infestation,		
VEGETABLE Tomato/ chilli/		Ambida / xybita		Variable of the second		
brinjal	Flowering/ Fruiting	Aphids / white fly	*	Keep weed free and avoid water stagnation Application of petroleum agrospray @ 10ml/litre or neem oil		
Orinjai	Truiting	IIIy	*	(1500 ppm) @ 5 ml/litre for management of aphids, white fly		
				etc. at 15 daysinterval for 2-3 times during clear/dry days.		
French bean/	Vegetative/		*	Because of heavy rainfall the exposed roots portion of the plant		
pulses	fruiting		•	should be earthened up,		
puises	nating		*	Any type of caterpillar observed in the field may be manually		
				collected and destroyed in the dusk hours in the crop field,		
HORTICIILT	URAL CROPS					
Lemon/other	Fruiting	Stem borer	*	To avoid stem borer attacks in citrus plants, apply a paste		
citrus fruits				made by mixing lime, water and 5% Malathion dust on the		
				stems of the plants up to a height of about 1 m from the		
				ground.		
❖ LIVESTOCK and POULTRY						
Livestock	Stage	Disease	Precau	utionary Practices to be followed		
Poultry	All stages		*	In view of high temperature, provide fresh lemon water all		
				through the day,		
			*	Vaccination should be done in the early morning,		
E: 1			•	Provide clean drinking water to the birds,		
Fishery			*	Pond should be free from unwanted vegetation and insects.		
			*	During heavy shower, water should not drain directly into the pond. It should be passed through a bed of sand before draining.		
Contact Sci	i <mark>entists (ICAR) or Sta</mark>	l <mark>te Agril Staff or KVK</mark>	X staff for			
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: 15th to 19th June 2019)

No: AMFU-Basar/2019/47

Dated: Friday, 14th June 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 19 th June 2019
Rainfall: 0.0 mm	Partly cloudy with possibility of light/moderate rain. Daily maximum and
	minimum temperature for the following period is predicted to be 15.0-
	16.0°C and 8.0-9.0°C respectively. Expected morning and evening relative
	humidity will be 94-96% and 49-71% respectively. Wind direction is mainly
	E & SE with average wind speed range of 5.8-7.4 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

 Proper drainage to all crop to avoid runoff Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD 			
Rice	Transplanting/ Leaf elongation	Yellow stem borer/ Leaf Blast	 Maintain adequate moisture level in the transplanted rice field, Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, Maintain adequate moisture level in the nursery, Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Jhum rice	Leaf elongation/ tillering	Leaf blast/ leaf spot	 On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Don't allow the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
VEGETABLE	ES		
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Use traps to capture adult fruit fly, Collection and deep burying of infected fruit. Installation of pheromone traps. Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant, Mulching with locally available weeds to conserve moisture,
HORTICULT	URAL CROPS		,
Citrus	Fruiting	Trunk borer	 Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Bordeaux pasting in the trunk (1 metre height), To avoid fruit drop, spray Planofix @1ml/10 litres of water, Regular monitoring of crop against attack of trunk borer, Bordeaux pasting of the citrus trees.
Banana	Fruiting		 Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant against scary beetles,
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval. Drenching with COC @ 0.25% at 7-10 days interval for management of soft rot.
LIVESTOCE	KS		
Livestock	Stage	Disease	Precautionary Practices to be followed
Piggary	All stages		 Deworming of animals under supervision of registered practitioner, Wallowing – Allowing pigs to play in muddy water, Provide fresh clean drinking water,

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





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(Period: 15th to 19th June 2019)

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Dated: Friday, 14th June 2019



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ADVISORY FOR DISTRICT: TIRAP

Weather summery of the previous week	Weather forecast valid up to 19 th June 2019			
Rainfall: 9.2 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily			
	maximum and minimum temperature for the following period is predicted to			
	be 32.0-35.0°C and 25.0-26.0°C respectively. Expected morning and evening			
	relative humidity will be 96-98% and 62-85% respectively. Wind direction			
	is mainly variable with average wind speed range of 3.1-3.9 kmph.			
Warning:	• NIL			

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 Precautionary Practices to be followed** Crop Stage Pest/Disease FIELD CROPS Rice (early Stem Leaf blast/ leaf On clear/dry days, spray carbendazim @ 2gm/lit water in spot/ leaf folder sown) elongation/ jhum field against leaf blast & leaf spot if infestation is high. panicle To control Leaf folder, close the water outlets of the plot and initiation apply mud balls treated with kerosene @ 4-6 balls followed by rope treatment. Rice (normal Nursery/ Yellow stem ❖ Monitor crop against attack of yellow stem borer. Look out for sown) Seeding/ borer egg mass in the leaves, manual collection of egg mass and its transplanting destruction is the most effective method for its control. ❖ Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice Jhum Rice Stem elongation/ Leaf blast/ leaf ❖ Make structures to avoid runoff in the slope, spot/ leaf folder panicle ❖ Install yellow stem borer pheromone traps to trap the adults, initiation/ ❖ On clear/dry days, spray carbendazim @ 2gm/lit water in booting jhum field against leaf blast & leaf spot. Maize Silking Sovbean Monitor the crop against attack of insect pests & avoid water looper/Stem stagnation, borer ❖ Intercropping with legumes & cassava can reduce the incidence of stem borer infestation, **VEGETABLES** Aphids / white Tomato/ chilli/ Flowering/ Keep weed free and avoid water stagnation brinjal Fruiting fly ❖ Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 daysinterval for 2-3 times during clear/dry days. French bean/ Vegetative/ Because of heavy rainfall the exposed roots portion of the plant pulses fruiting should be earthened up, Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field, HORTICULTURAL CROPS Lemon/other Fruiting Stem borer To avoid stem borer attacks in citrus plants, apply a paste citrus fruits made by mixing lime, water and 5% Malathion dust on the stems of the plants up to a height of about 1 m from the ground. LIVESTOCK and POULTRY Livestock Stage **Disease Precautionary Practices to be followed Poultry** All stages In view of high temperature, provide fresh lemon water all through the day, Vaccination should be done in the early morning, Provide clean drinking water to the birds, Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247





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Gramin Krishi Mausam Sewa 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 19 th June 2019
Rainfall: 91.6 mm	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 25.0-26.0°C and 18.0-19.0°C respectively. Expected morning and evening
	relative humidity will be 93-97% and 51-79% respectively. Wind direction
	is mainly variable with average wind speed range of 3.7-5.3 kmph.
Warning:	• NIL

GENERAL RECOMMENDATIONS

- Monitor for possible attack of insects/pests
- Application of fertilizers/manure can be done during clear/dry days
- Proper 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 Transplanting/ Yellow stem Maintain adequate moisture level in the transplanted rice Leaf elongation borer/ Leaf Blast **❖** Farmers are advised to delay transplanting by two/three days in view of present hot and dry weather, **❖** Maintain adequate moisture level in the nursery, ❖ Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum Jhum rice Leaf Leaf blast/leaf elongation/ spot field against leaf blast & leaf spot. tillering **Strengthen the bund to protect from heavy rain. Don't allow** the water to stand. Keep the surrounding clean/ weed-free to avoid disease/pest

harboring

			8
VEGETABL	ES		
Cucurbits	Flowering/ Fruiting	Fruit Fly White fly/ blister beetle	 Use traps to capture adult fruit fly, Collection and deep burying of infected fruit. Installation of pheromone traps. Provide support to the plants to climb, as high intensity rainfall at this stage will damage the plant, Mulching with locally available weeds to conserve moisture,
HORTICUL	TURAL CROPS		
Citrus	Fruiting	Trunk borer	 Manual removal of lichen, mosses and any epiphytes from the tree trunk and other branches, Bordeaux pasting in the trunk (1 metre height), To avoid fruit drop, spray Planofix @1ml/10 litres of water, Regular monitoring of crop against attack of trunk borer, Bordeaux pasting of the citrus trees.
Banana	Fruiting		 Provide adequate moisture to the crop, Apply Malathion dust 5D inside the whorl of the plant against scary beetles,
Ginger	Vegetative	Soft-root	 Forest litter should be collected and used as mulching material. Proper drainage should be ensured. Hand weeding at 15 days interval.

LIVESTOCKS	S		
Livestock	Stage	Disease	Precautionary Practices to be followed
Piggary	All stages		❖ Wallowing – Allowing pigs to play in muddy water,
			Provide fresh clean drinking water,
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247			

management of soft rot.

Drenching with COC @ 0.25% at 7-10 days interval for



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ADVISORY FOR DISTRICT: UPPER SUBANSIRI

Weather summery of the previous week	Weather forecast valid up to 19 th June 2019
Daporijo: 0.0 mm	Mostly cloudy with possibility of moderate to rather heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 33.0-37.0°C and 26.0-27.0°C respectively. Expected morning and evening
	relative humidity will be 93-97% and 50-78% respectively. Wind direction
	is mainly WSW with average wind speed range of 3.7 -5.4 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 o	Check of vaccination schedule in poultry/livestock DETAILS OF ADVISORIES FOR THE PERIOD				
FIELD CROPS	Stage	1 est/Disease		1 recautionary 1 ractices to be ronowed	
Rice (early	Stem	Leaf blast/ leaf	*	On clear/dry days, spray carbendazim @ 2gm/lit water in	
sown)	elongation/ panicle initiation	spot/ leaf folder	*	jhum field against leaf blast & leaf spot if infestation is high. To control Leaf folder, close the water outlets of the plot and apply mud balls treated with kerosene @ 4-6 balls followed by	
				rope treatment.	
Rice (normal sown)	Nursery/ Seeding/ transplanting	Yellow stem borer	*	Monitor crop against attack of yellow stem borer. Look out for egg mass in the leaves, manual collection of egg mass and its destruction is the most effective method for its control. Follow seedling root-dip treatment in chlorpyriphos 20EC @ 2ml/10lit water for 12 hrs before transplanting rice	
Jhum Rice	Stem elongation/ panicle initiation/ booting	Leaf blast/ leaf spot/ leaf folder	* *	Make structures to avoid runoff in the slope, Install yellow stem borer pheromone traps to trap the adults, On clear/dry days, spray carbendazim @ 2gm/lit water in jhum field against leaf blast & leaf spot.	
Maize	Silking	Soybean looper/Stem borer	*	Monitor the crop against attack of insect pests & avoid water stagnation, Intercropping with legumes & cassava can reduce the incidence of stem borer infestation,	
VEGETABLE	S				
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Keep weed free and avoid water stagnation Application of petroleum agrospray @ 10ml/litre or neem oil (1500 ppm) @ 5 ml/litre for management of aphids, white fly etc. at 15 daysinterval for 2-3 times during clear/dry days.	
French bean/	Vegetative/		*	Because of heavy rainfall the exposed roots portion of the plant	
pulses	fruiting			should be earthened up, Any type of caterpillar observed in the field may be manually	
				collected and destroyed in the dusk hours in the crop field,	
HORTICULT	URAL CROPS				
Lemon/other citrus fruits	Fruiting	Stem borer	*	To avoid stem borer attacks in citrus plants, apply a paste made by mixing lime, water and 5% Malathion dust on the stems of the plants up to a height of about 1 m from the ground.	
❖ LIVESTOCK and POULTRY					
Livestock	Stage	Disease	Preca	utionary Practices to be followed	
Poultry	All stages		* *	In view of high temperature, provide fresh lemon water all through the day, Vaccination should be done in the early morning, Provide clean drinking water to the birds,	
Fishery			*	Pond should be free from unwanted vegetation and insects. During heavy shower, water should not drain directly into the pond. It should be passed through a bed of sand before draining.	
Contact Scientists (ICAR) or State Agril Staff or KVK staff for measures against adverse conditions or call at 03795-226237/226247					