

District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 26th to 30th June 2019) No: AMFU-Basar/2019/50 Da

Dated: Tuesday, 25th June 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 30 th June 2019
Rainfall: 10.8 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-30.0°C and 25.0-27.0°C respectively. Expected morning and evening
	relative humidity will be 95-99% and 73-89% respectively. Wind direction
	is mainly ESE & E with average wind speed range of 2.2-3.8 kmph.
Warning:	• Moderate rain/thundershowers is very likely to occur at
	most places over Arunachal Pradesh.

GENER	GENERAL RECOMMENDATIONS						
• Avoid all spray operations							
	 Avoid an spray operations Application of fertilizers/manure may be avoided 						
	 Proper drainage to all crop to avoid runoff 						
 Check of vaccination schedule in poultry/livestock 							
	vaccination sene			DRIES FOR THE PERIOD			
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed			
FIELD CROPS	Stage	I est/Disease		I recautionary I ractices to be followed			
Rice (normal	Nursery/	Blast	*	Rice Blast may occur in the nursery bed. Temperature above			
sown)	Transplantation	Diast	·	30°C with humidity over 80 percent is highly favourable for			
,	L L			the disease. Over use of nitrogen aggravates the disease. To			
				manage the attacks apply Carbendazim+ Mancozeb @ 2.5			
				gm per liter of water into the seedbed.			
			**	Field sanitation along with removal of hosts and infected debris			
Dies (serler	S tores	Leaf blast/ leaf		from the field also would be helpful to manage the attack.			
Rice (early sown)	Stem elongation/	spot/ leaf folder	*				
50 WII)	panicle	spot/ lear rolder	*	disease/pest harboring.			
	initiation		•••	Regular monitoring of field to detect any possible attack of insects/ disease.			
			•*•	In case of heavy infestation of Blast, spray Carbendazim @ 2			
			•	gram per litre of water or Endofil M45 @ 2.5 gram per litre			
				of water in 3 spraying at 10 days interval			
Jhum Rice	Stem elongation/	leaf folder	*	Strengthen the bund to protect from heavy rain. Avoid			
sham race	panicle	ieur ioider	•	water stagnation.			
	initiation/		*	Keep the periphery of the field clean and weed free.			
	booting						
Maize	Silking		*	Monitor the crop against attack of insect pests & avoid water			
	2			stagnation			
VEGETABLE		A 1 · 1 / 1 ·	•				
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Provide proper support to the crop. Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml			
Unijai	Tutung	IIy	•	per litre of water for crop grown under protected environment,			
French bean/	Vegetative/		*	Proper drainage in the field			
pulses	fruiting		•*•	Any type of caterpillar observed in the field may be manually			
puises	inuiting		•	collected and destroyed in the dusk hours in the crop field.			
HORTICULT	URAL CROPS						
Banana	Multiple stage		*	Earthing up followed by fertilizer application during			
				clear/dry days followed by mulching with locally available			
				grass/straw to protect from rain			
Guava	Flowering/			Dispose off dropped fruit properly by digging up,			
	fruiting			Water stagnation should be avoided,			
			*	Smoking on a clear evening will repel the insect pests			
	OCK and POUL		5				
Livestock	Stage	Disease		utionary Practices to be followed			
Pig	All stages	Piglet Diarrhoea	*	Causes by bacteria and sudden change in feed and			
				temperature, managed by Furazolidone, streptomycin etc.			
Cattle/goat/sheep	All stages		*	Animals should be grazed in pastures during the early hours			
				of the morning, in the evening or at night. In addition,			
				adequate amounts of water should also be provided to them.			
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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Arunachal Pradesh

(Period: 26th to 30th June 2019)

No: AMFU-Basar/2019/50

Dated: Tuesday, 25th June 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 30 th June 2019
Rainfall: 112.4 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 32.0-34.0°C and 25.0-26.0°C respectively. Expected morning and evening
	relative humidity will be 94-98% and 70-85% respectively. Wind direction
	is mainly SSW & S with average wind speed of 3.8-4.4 kmph.
Warning:	• Heavy to very heavy rain is very likely to occur at isolated
	places over Arunachal Pradesh

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

Check of vaccination schedule in point y/investock DETAILS OF ADVISORIES FOR THE PERIOD					
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS				110000000000000000000000000000000000000	
Rice	Transplantation/ Tillering/ Stem elongagtion	Yellow stem borer/ Leaf Blast		Transplanting of healthy seedling @ 2 seedlings per hill Before transplanting, remove the upper tip portions of the seedlings to destroy the eggs of YSB Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,	
Jhum rice	Tillering/Stem elongagtion	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. Avoid water stagnation. Keep the surrounding clean/ weed-free to avoid disease/pest harboring	
Kharif Maize	Sowing		* * *	Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Sowing only during clear/dry weather	
VEGETABLES					
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	*	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade	
French Bean, black gram, green gram	Fruiting	Bean borer	*	Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field.	
HORTICULTU	RAL CROPS				
Citrus	Flowering/fruiti ng	Trunk borer	*	Install light trap to collect trunk borer adults or hand pick the adults during May-June by shaking the trees to dislodge the adults feeding on leaves & twigs,	
Ginger/turmeric	Vegetative stage	Rhizome rot	*	The plot should be well drained free from water logging to prevent rhizome rot. The field must be inspected regularly for disease appearance and more often when it rains.	
Kiwi	Flowering	Leaf eating beetle		Hand collection of the insects and its destruction, Make proper drainage facility in the crop area	
LIVESTOCKS	5				
Livestock	Stage	Disease		Precautionary Practices to be followed	
Poultry	Chicks		*	Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain.	
Fishery				To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.	
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247	





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Arunachal Pradesh (Period: 26th to 30th June 2019)

No: AMFU-Basar/2019/50

Dated: Tuesday, 25th June 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 30 th June 2019
Daporijo: 41.8 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-29.0°C and 23.0-25.0°C respectively. Expected morning and evening
	relative humidity will be 96-98% and 70-84% respectively. Wind direction
	is mainly SSE & S with average wind speed range of 3.5 -4.2 kmph.
Warning:	• Moderate rain/thundershowers is very likely to occur at
	most places over Arunachal Pradesh.

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

	vaccination sche	¥ V		RIES FOR THE PERIOD
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	Stuge	I COULD IDEUDE	I	
Rice (normal sown)	Nursery/ Transplantation	Blast	1 1 2 *	Rice Blast may occur in the nursery bed. Temperature above 30°C with humidity over 80 percent is highly favourable for the disease. Over use of nitrogen aggravates the disease. To manage the attacks apply Carbendazim+ Mancozeb @ 2.5 gm per liter of water into the seedbed. Field sanitation along with removal of hosts and infected debris from the field also would be helpful to manage the attack.
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	*] ; ;	Keep the periphery of field clean and weed-free to avoid disease/pest harboring. Regular monitoring of field to detect any possible attack of insects/ disease. In case of heavy infestation of Blast, spray Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water in 3 spraying at 10 days interval
Jhum Rice	Stem elongation/ panicle initiation/ booting	leaf folder		Strengthen the bund to protect from heavy rain. Avoid water stagnation. Keep the periphery of the field clean and weed free.
Maize	Silking			Monitor the crop against attack of insect pests & avoid water stagnation
VEGETABLE	S			
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Provide proper support to the crop, Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water for crop grown under protected environment,
French bean/ pulses	Vegetative/ fruiting		*	Proper drainage in the field Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field.
HORTICULT			r	
Banana	Multiple stage			Earthing up followed by fertilizer application during clear/dry days followed by mulching with locally available grass/straw to protect from rain
Guava	Flowering/ fruiting		*	Dispose off dropped fruit properly by digging up, Water stagnation should be avoided, Smoking on a clear evening will repel the insect pests
LIVEST	OCK and POULT	ſRY		
Livestock	Stage	Disease	Precaut	tionary Practices to be followed
Pig	All stages	Piglet Diarrhoea		Causes by bacteria and sudden change in feed and temperature, managed by Furazolidone, streptomycin etc.
Cattle/goat/sheep			* <u>,</u> (Animals should be grazed in pastures during the early hours of the morning, in the evening or at night. In addition, adequate amounts of water should also be provided to them.
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	staff for m	neasures against adverse conditions or call at 03795-226237/226247





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Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: WEST KAMENG

Weather summery of the previous week	Weather forecast valid up to 30 th June 2019			
Rainfall = Bomdila: 0.0 mm ; Bhalukpong: 3.2	Mostly cloudy with possibility of moderate to heavy rain. Daily			
mm; Kalaktang: 1.2 mm	maximum and minimum temperature for the following period is predicted to			
	be 26.0-27.0°C and 23.0-24.0°C respectively. Expected morning and evening			
	relative humidity will be 96-98% and 75-92% respectively. Wind direction			
	is mainly variable wind speed range of 3.9-5.4 kmph.			
WARNING:	Heavy to very heavy rain is very likely to occur at isolated places over			
	Arunachal Pradesh			

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

CropFIELD CROPSRice	Stage	Pest/Disease		Precautionary Practices to be followed
	Translandsting(
Rice	Turner 1 - u f - f - u f			
	Transplantation/ Tillering/ Stem elongagtion	Yellow stem borer/ Leaf Blast	* * *	Transplanting of healthy seedling @ 2 seedlings per hill Before transplanting, remove the upper tip portions of the seedlings to destroy the eggs of YSB Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Jhum rice	Tillering/Stem elongagtion	Leaf blast/ leaf spot	*	field against leaf blast & leaf spot. Strengthen the bund to protect from heavy rain. Avoid water stagnation. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
Kharif Maize	Sowing		* * *	Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Sowing only during clear/dry weather
VEGETABLES				
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	*	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
French Bean, black gram, green gram	Fruiting	Bean borer	*	Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field.
HORTICULTUR	RAL CROPS			
Citrus	Flowering/fruiti ng	Trunk borer	*	Install light trap to collect trunk borer adults or hand pick the adults during May-June by shaking the trees to dislodge the adults feeding on leaves & twigs,
Ginger/turmeric	Vegetative stage	Rhizome rot	*	The plot should be well drained free from water logging to prevent rhizome rot. The field must be inspected regularly for disease appearance and more often when it rains.
Kiwi	Flowering	Leaf eating beetle		Hand collection of the insects and its destruction, Make proper drainage facility in the crop area
LIVESTOCKS				
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	Chicks		*	Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain.
Fishery				To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. measures against adverse conditions or call at 03795-226237/226247





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Gramin Krishi Mausam Sewa

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

ADVISORY FOR DISTRICT: WEST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 30 th June 2019
BASAR Rainfall: 63.8 mm, Max. T: 32.0°C, Min. T: 22.0°C, Wind Speed: 4-5 km/h, RH: 68-99%, Wind Direction: WSW	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-29.0°C and 24.0-25.0°C respectively. Expected morning and evening relative humidity will be 96-98% and 70-90% respectively. Wind direction is mainly SSE & S with average wind speed of 3.5-4.3 kmph.
Warning:	NIL

GENERAL RECOMMENDATIONS

• Monitor for possible attack of insects/pests

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

		DETAILS OF A	ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice (normal sown)	Nursery/ Transplantation	Blast	 Rice Blast may occur in the nursery bed. Temperature above 30°C with humidity over 80 percent is highly favourable for the disease. Over use of nitrogen aggravates the disease. To manage the attacks apply Carbendazim+ Mancozeb @ 2.5 gm per liter of water into the seedbed. Field sanitation along with removal of hosts and infected debris from the field also would be helpful to manage the attack.
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	 Keep the periphery of field clean and weed-free to avoid disease/pest harboring. Regular monitoring of field to detect any possible attack of insects/ disease. In case of heavy infestation of Blast, spray Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water in 3 spraying at 10 days interval
Jhum Rice	Stem elongation/ panicle initiation/ booting	leaf folder	 Strengthen the bund to protect from heavy rain. Avoid water stagnation. Keep the periphery of the field clean and weed free.
Maize	Silking		 Monitor the crop against attack of insect pests & avoid water stagnation
VEGETABLE	S		
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	 Provide proper support to the crop, Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water for crop grown under protected environment,
French bean/ pulses	Vegetative/ fruiting		 Proper drainage in the field 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		
Banana	Multiple stage		Earthing up followed by fertilizer application during clear/dry days followed by mulching with locally available grass/straw to protect from rain
Guava	Flowering/ fruiting		 Dispose off dropped fruit properly by digging up, Water stagnation should be avoided, Smoking on a clear evening will repel the insect pests
	OCK and POUL	ſRY	
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Piglet Diarrhoea	temperature, managed by Furazolidone, streptomycin etc.
Cattle/goat/sheep	All stages		 Animals should be grazed in pastures during the early hours of the morning, in the evening or at night. In addition, adequate amounts of water should also be provided to them.
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	K staff for measures against adverse conditions or call at 03795-226237/226247

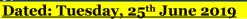


District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 26th to 30th June 2019)

No: AMFU-Basar/2019/50





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 30 th June 2019
No weather summary available	Mostly cloudy with possibility of moderate to very heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 24.0-25.0°C and 19-20.0°C respectively. Expected morning and evening
	relative humidity will be 93-98% and 74-88% respectively. Wind direction
	is mainly E with average wind speed range of 3.7-5.5 kmph.
Warning:	 Heavy to very heavy rain is very likely to occur at isolated places over Arunachal Pradesh

GENERAL RECOMMENDATIONS

Monitor for possible attack of insects/pests

÷ Application of fertilizers/manure can be done during clear/dry days

Proper drainage to all crop to avoid runoff *

Check of vaccination schedule in poultry/livestock

	DETAILS OF ADVISORIES FOR THE PERIOD					
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed		
FIELD CROPS	•					
Rice	Transplantation/ Tillering/ Stem elongagtion	Yellow stem borer/ Leaf Blast	* * *	Transplanting of healthy seedling @ 2 seedlings per hill Before transplanting, remove the upper tip portions of the seedlings to destroy the eggs of YSB Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,		
Jhum rice	Tillering/Stem elongagtion	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. Avoid water stagnation. Keep the surrounding clean/ weed-free to avoid disease/pest harboring		
Kharif Maize	Sowing		*	Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Sowing only during clear/dry weather		
VEGETABLES						
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	*	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade		
French Bean, black gram, green gram	Fruiting	Bean borer	*	Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field.		
HORTICULTU	RAL CROPS					
Citrus	Flowering/fruiti ng	Trunk borer	*	Install light trap to collect trunk borer adults or hand pick the adults during May-June by shaking the trees to dislodge the adults feeding on leaves & twigs,		
Ginger/turmeric	Vegetative stage	Rhizome rot	*	The plot should be well drained free from water logging to prevent rhizome rot. The field must be inspected regularly for disease appearance and more often when it rains.		
Kiwi	Flowering	Leaf eating beetle		Hand collection of the insects and its destruction, Make proper drainage facility in the crop area		
LIVESTOCKS	5					
Livestock	Stage	Disease		Precautionary Practices to be followed		
Pigs	All stages		*	Avoid dampness and cover weak and sick animals with sack cloth.		
Poultry	Chicks		*	Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain.		
Fishery			*	To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.		
Contact Sci	ientists (ICAR) or Sta	te Agril Staff or KVK	<mark>staff for</mark>	measures against adverse conditions or call at 03795-226237/226247		



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Dated: Tuesday, 25th 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 30 th June 2019
Rainfall = Changlang: 56.6 mm Miao: 53.4 mm	Mostly cloudy with possibility of moderate to heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27.0-29.0°C and 24.0-25.0°C respectively. Expected morning and evening
	relative humidity will be 94-98% and 73-89% respectively. Wind direction
	is mainly SE & ESE with average wind speed range of 2.2-3.3 kmph.
Warning:	• Moderate rain/thundershowers is very likely to occur at
	most places over Arunachal Pradesh.

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

	DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS					
Rice (normal sown)	Nursery/ Transplantation	Blast		Rice Blast may occur in the nursery bed. Temperature above 30°C with humidity over 80 percent is highly favourable for the disease. Over use of nitrogen aggravates the disease. To manage the attacks apply Carbendazim+ Mancozeb @ 2.5 gm per liter of water into the seedbed. Field sanitation along with removal of hosts and infected debris from the field also would be helpful to manage the attack.	
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	*	Keep the periphery of field clean and weed-free to avoid disease/pest harboring. Regular monitoring of field to detect any possible attack of insects/ disease. In case of heavy infestation of Blast, spray Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water in 3 spraying at 10 days interval	
Jhum Rice	Stem elongation/ panicle initiation/ booting	leaf folder	*	Strengthen the bund to protect from heavy rain. Avoid water stagnation. Keep the periphery of the field clean and weed free.	
VEGETABLE	S				
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Provide proper support to the crop, Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water for crop grown under protected environment,	
French bean/ pulses	Vegetative/ fruiting			Proper drainage in the field 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				
Banana	Multiple stage		*	Earthing up followed by fertilizer application during clear/dry days followed by mulching with locally available grass/straw to protect from rain	
Guava	Flowering/ fruiting			Dispose off dropped fruit properly by digging up, Water stagnation should be avoided, Smoking on a clear evening will repel the insect pests	
LIVEST	OCK and POUL	ſRY			
Livestock	Stage	Disease	Preca	utionary Practices to be followed	
Pig	All stages	Piglet Diarrhoea	*	Causes by bacteria and sudden change in feed and temperature, managed by Furazolidone, streptomycin etc.	
Cattle/goat/sheep			*	Animals should be grazed in pastures during the early hours of the morning, in the evening or at night. In addition, adequate amounts of water should also be provided to them.	
Contact Sci	enusts (ICAR) or Sta	te Agrii Stall or KVK	stall lor	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 30 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 25.0-27.0°C and 22.0-24.0°C respectively. Expected morning and evening
	relative humidity will be 94-98% and 76-86% respectively. Wind direction
	is mainly ESE & E with average wind speed range of 4.6-5.5 kmph.
Warning:	Heavy to very heavy rain is very likely to occur at isolated places over Arunachal Pradesh

GENERAL RECOMMENDATIONS

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

DETAILS OF ADVISORIES FOR THE PERIOD

Сгор	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS			
Rice	Transplantation/ Tillering/ Stem elongagtion	Yellow stem borer/ Leaf Blast	 Transplanting of healthy seedling @ 2 seedlings per hill Before transplanting, remove the upper tip portions of the seedlings to destroy the eggs of YSB Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Jhum rice	Tillering/Stem elongagtion	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. Avoid water stagnation. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
Kharif Maize	Sowing		 Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Sowing only during clear/dry weather
VEGETABLES			
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
French Bean, black gram, green gram	Fruiting	Bean borer	Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field.
HORTICULTU	RAL CROPS		
Citrus	Flowering/fruiti ng	Trunk borer	Install light trap to collect trunk borer adults or hand pick the adults during May-June by shaking the trees to dislodge the adults feeding on leaves & twigs,
Ginger/turmeric	Vegetative stage	Rhizome rot	The plot should be well drained free from water logging to prevent rhizome rot. The field must be inspected regularly for disease appearance and more often when it rains.
Kiwi	Flowering	Leaf eating beetle	 Hand collection of the insects and its destruction, Make proper drainage facility in the crop area
LIVESTOCKS	5		
Livestock	Stage	Disease	Precautionary Practices to be followed
Poultry	Chicks		 Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain.
Fishery	entists (ICAD) or Stor	te Agril Stoff or KNR	 To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond. Staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 26th to 30th June 2019)

No: AMFU-Basar/2019/50



Dated: Tuesday, 25th 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 30 th June 2019
Rainfall = 42.3 mm	Mostly cloudy with possibility of moderate to very heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 26-27°C and 23.0-24.0°C respectively. Expected morning and evening
	relative humidity will be 95-98% and 68-90% respectively. Wind direction
	is mainly E & S with average wind speed range of 3.6-4.8 kmph.
Warning:	• Moderate rain/thundershowers is very likely to occur at
	most places over Arunachal Pradesh.

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

Check of vaccination schedule in politry/livestock DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease	Precautionary Practices to be followed	
FIELD CROPS				
Rice (normal sown)	Nursery/ Transplantation	Blast	 Rice Blast may occur in the nursery bed. Temperature above 30°C with humidity over 80 percent is highly favourable for the disease. Over use of nitrogen aggravates the disease. To manage the attacks apply Carbendazim+ Mancozeb @ 2.5 gm per liter of water into the seedbed. Field sanitation along with removal of hosts and infected debris from the field also would be helpful to manage the attack. 	
Rice (early	Stem	Leaf blast/ leaf	* Keep the periphery of field clean and weed-free to avoid	
sown)	elongation/ panicle initiation	spot/ leaf folder	 disease/pest harboring. Regular monitoring of field to detect any possible attack of insects/ disease. In case of heavy infestation of Blast, spray Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre 	
			of water in 3 spraying at 10 days interval	
Jhum Rice	Stem elongation/ panicle initiation/ booting	leaf folder	 Strengthen the bund to protect from heavy rain. Avoid water stagnation. Keep the periphery of the field clean and weed free. 	
Maize	Silking		 Monitor the crop against attack of insect pests & avoid water stagnation 	
VEGETABLE	S			
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	 Provide proper support to the crop, Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water for crop grown under protected environment, 	
French bean/ pulses	Vegetative/ fruiting		 Proper drainage in the field 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			
Banana	Multiple stage		Earthing up followed by fertilizer application during clear/dry days followed by mulching with locally available grass/straw to protect from rain	
Guava	Flowering/ fruiting		 Dispose off dropped fruit properly by digging up, Water stagnation should be avoided, Smoking on a clear evening will repel the insect pests 	
LIVEST	OCK and POULT	ſRY		
Livestock	Stage	Disease	Precautionary Practices to be followed	
Pig	All stages	Piglet Diarrhoea		
Cattle/goat/sheep	All stages		 Animals should be grazed in pastures during the early hours of the morning, in the evening or at night. In addition, adequate amounts of water should also be provided to them. 	
Contract Co.	antinta (ICAD) an Stat		K staff for measures against adverse conditions or call at 03795-226237/226247	



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 26th to 30th June 2019)

No: AMFU-Basar/2019/50



Dated: Tuesday, 25th June 2019



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

ADVISORY FOR DISTRICT: EAST SIANG

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

Weather summery of the previous week	Weather forecast valid up to 30 th June 2019
Rainfall: 96.8 mm; T. Max: 35.0°C; T. Min: 24.0°C; RH: 69-100%	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 27.0-29.0°C and 24.0-25.0°C respectively. Expected morning and evening relative humidity will be 93-98% and 65-95% respectively. Wind direction is mainly E & ESE with average wind speed of 3.0-3.8 kmph.
Warning:	• Moderate rain/thundershowers is very likely to occur at most places over Arunachal Pradesh.

GENERAL RECOMMENDATIONS

• Monitor for possible attack of insects/pests

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

DETAILS OF ADVISORIES FOR THE PERIOD					
Crop	Stage	Pest/Disease		Precautionary Practices to be followed	
FIELD CROPS					
Rice (normal sown)	Nursery/ Transplantation	Blast		Rice Blast may occur in the nursery bed. Temperature above 30°C with humidity over 80 percent is highly favourable for the disease. Over use of nitrogen aggravates the disease. To manage the attacks apply Carbendazim+ Mancozeb @ 2.5 gm per liter of water into the seedbed. Field sanitation along with removal of hosts and infected debris from the field also would be helpful to manage the attack.	
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	*	Keep the periphery of field clean and weed-free to avoid disease/pest harboring. Regular monitoring of field to detect any possible attack of insects/ disease. In case of heavy infestation of Blast, spray Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water in 3 spraying at 10 days interval	
Jhum Rice	Stem elongation/ panicle initiation/ booting	leaf folder	*	Strengthen the bund to protect from heavy rain. Avoid water stagnation. Keep the periphery of the field clean and weed free.	
Maize	Silking		*	Monitor the crop against attack of insect pests & avoid water stagnation	
VEGETABLE	S				
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Provide proper support to the crop. Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water for crop grown under protected environment,	
French bean/ pulses	Vegetative/ fruiting			Proper drainage in the field 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				
Banana	Multiple stage		*	Earthing up followed by fertilizer application during clear/dry days followed by mulching with locally available grass/straw to protect from rain	
Guava	Flowering/ fruiting			Dispose off dropped fruit properly by digging up, Water stagnation should be avoided, Smoking on a clear evening will repel the insect pests	
LIVEST	OCK and POULT	ſRY			
Livestock	Stage	Disease	Precau	itionary Practices to be followed	
Pig	All stages	Piglet Diarrhoea	*	Causes by bacteria and sudden change in feed and temperature, managed by Furazolidone, streptomycin etc.	
Cattle/goat/sheep	All stages		*	Animals should be grazed in pastures during the early hours of the morning, in the evening or at night. In addition, adequate amounts of water should also be provided to them.	
Contact Scie	entists (ICAR) or Sta	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247	



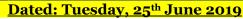
District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 26th to 30th June 2019)



No: AMFU-Basar/2019/50





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 30 th June 2019
Rainfall (Koloriang): NA	Mostly cloudy with possibility of moderate to heavy rain. Daily maximum and minimum temperature for the following period is predicted to be 22-23.0°C and 18-19.0°C respectively. Expected morning and evening
	relative humidity will be 96-98% and 68-83% respectively. Wind direction is mainly SE & S with average wind speed range of 4.2-5.2 kmph.
Warning:	Heavy to very heavy rain is very likely to occur at isolated places over Arunachal Pradesh

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

Check of vacchation schedule in point y/investock DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Rice	Transplantation/ Tillering/ Stem elongagtion	Yellow stem borer/ Leaf Blast	 ✤ B se ★ Sj 	<i>ransplanting of healthy seedling @ 2 seedlings per hill</i> efore transplanting, remove the upper tip portions of the edlings to destroy the eggs of YSB praying of crop with Carbandazim 50 WP @ 1 grams per litre E water both in nursery and in main crop is advised,
Jhum rice	Tillering/Stem elongagtion	Leaf blast/ leaf spot	fi * Si W * K	n clear/dry days, spray carbendazim @ 2gm/lit water in jhum eld against leaf blast & leaf spot. trengthen the bund to protect from heavy rain. Avoid ater stagnation. teep the surrounding clean/ weed-free to avoid disease/pest arboring
Kharif Maize	Sowing		Q ♦ E	ollect seed of variety DA-61A, Vivek Hybrid-21, Vivek PM-9 etc from certified agency nsure seed treatment with carbendazim/Thiram @2g/kg seeds. owing only during clear/dry weather
VEGETABLES				
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl		pray imidacloprid 17.8 SL (0.003%) to the crops inside et/green house or grown in shade
French Bean, black gram, green gram	Fruiting	Bean borer	✤ A	ny type of caterpillar observed in the field may be manually ollected and destroyed in the dusk hours in the crop field.
HORTICULTU	RAL CROPS			
Citrus	Flowering/fruiti ng	Trunk borer	ac	stall light trap to collect trunk borer adults or hand pick the hults during May-June by shaking the trees to dislodge the hults feeding on leaves & twigs,
Ginger/turmeric	Vegetative stage	Rhizome rot	* T p	he plot should be well drained free from water logging to revent rhizome rot. The field must be inspected regularly or disease appearance and more often when it rains.
Kiwi	Flowering	Leaf eating beetle		and collection of the insects and its destruction, lake proper drainage facility in the crop area
LIVESTOCKS	5			
Livestock	Stage	Disease	P	recautionary Practices to be followed
Poultry	Chicks		ol da Cl st	accination as per the schedule with proper consultation with vet. Day d chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 ays: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: hicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B rain.
Fishery				b avoid water turbidity, use grass turfing or horticultural crop at nbankment/dyke of the earthen fish pond.
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	staff for me	asures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh (Period: 26th to 30th June 2019)

No: AMFU-Basar/2019/50

Dated: Tuesday, 25th 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 30 th June 2019
Rainfall: 40.2 mm (Tezu)	Mostly cloudy with possibility of moderate to very heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 26.0-29.0°C and 23.0-25.0°C respectively. Expected morning and evening
	relative humidity will be 87-98% and 69-91% respectively. Wind direction
	is mainly NE & ENE average wind speed range of 3.9-5.3 kmph.
Warning	• Moderate rain/thundershowers is very likely to occur at
	most places over Arunachal Pradesh.

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

Check of vaccination schedule in politry/livestock DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	0		1	v
Rice (normal sown)	Nursery/ Transplantation	Blast		Rice Blast may occur in the nursery bed. Temperature above 30°C with humidity over 80 percent is highly favourable for the disease. Over use of nitrogen aggravates the disease. To manage the attacks apply Carbendazim+ Mancozeb @ 2.5 gm per liter of water into the seedbed. Field sanitation along with removal of hosts and infected debris from the field also would be helpful to manage the attack.
Rice (early	Stem	Leaf blast/ leaf	*	Keep the periphery of field clean and weed-free to avoid
sown)	elongation/ panicle initiation	spot/ leaf folder	*	disease/pest harboring. Regular monitoring of field to detect any possible attack of insects/ disease.
			*	In case of heavy infestation of Blast, spray Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water in 3 spraying at 10 days interval
Jhum Rice	Stem elongation/ panicle initiation/ booting	leaf folder	*	Strengthen the bund to protect from heavy rain. Avoid water stagnation. Keep the periphery of the field clean and weed free.
Maize	Silking		*	Monitor the crop against attack of insect pests & avoid water stagnation
VEGETABLE	S			
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	* *	<u>Provide proper support to the crop.</u> Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water for crop grown under protected environment,
French bean/ pulses	Vegetative/ fruiting		*	Proper drainage in the field 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			
Banana	Multiple stage		*	Earthing up followed by fertilizer application during clear/dry days followed by mulching with locally available grass/straw to protect from rain
Guava	Flowering/ fruiting			Dispose off dropped fruit properly by digging up, Water stagnation should be avoided,
			*	Smoking on a clear evening will repel the insect pests
	OCK and POUL		1	
Livestock	Stage	Disease		itionary Practices to be followed
Pig	All stages	Piglet Diarrhoea	*	Causes by bacteria and sudden change in feed and
				temperature, managed by Furazolidone, streptomycin etc.
Cattle/goat/sheep	All stages		*	Animals should be grazed in pastures during the early hours
				of the morning, in the evening or at night. In addition,
				adequate amounts of water should also be provided to them.
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: 26th to 30th June 2019)

<u>No: AMFU-Basar/2019/50</u>

Dated: Tuesday, 25th June 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 30 th June 2019
Rainfall (Roing): 99.2 mm	Mostly cloudy with possibility of moderate to very heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 27.0-29.0°C and 24.0-25.0°C respectively. Expected morning and evening
	relative humidity will be 92-97% and 70-88% respectively. Wind direction
	is mainly E & ENE with average wind speed range of 3.8-4.6 kmph.
Warning:	• Moderate rain/thundershowers is very likely to occur at
	most places over Arunachal Pradesh.

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

DETAILS OF ADVISORIES FOR THE PERIOD				
Crop	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS	0		<u> </u>	
Rice (normal sown)	Nursery/ Transplantation	Blast		Rice Blast may occur in the nursery bed. Temperature above 30°C with humidity over 80 percent is highly favourable for the disease. Over use of nitrogen aggravates the disease. To manage the attacks apply Carbendazim+ Mancozeb @ 2.5 gm per liter of water into the seedbed. Field sanitation along with removal of hosts and infected debris from the field also would be helpful to manage the attack.
Rice (early sown)	Stem elongation/ panicle initiation	Leaf blast/ leaf spot/ leaf folder	*	Keep the periphery of field clean and weed-free to avoid disease/pest harboring. Regular monitoring of field to detect any possible attack of insects/ disease. In case of heavy infestation of Blast, spray Carbendazim @ 2 gram per litre of water or Endofil M45 @ 2.5 gram per litre of water in 3 spraying at 10 days interval
Jhum Rice	Stem elongation/ panicle initiation/ booting	leaf folder	*	Strengthen the bund to protect from heavy rain. Avoid water stagnation. Keep the periphery of the field clean and weed free.
Maize	Silking		*	Monitor the crop against attack of insect pests & avoid water stagnation
VEGETABLE	S		•	
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	*	Provide proper support to the crop, Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water for crop grown under protected environment,
French bean/ pulses	Vegetative/ fruiting			Proper drainage in the field Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field.
HORTICULT				
Banana	Multiple stage			Earthing up followed by fertilizer application during clear/dry days followed by mulching with locally available grass/straw to protect from rain
Guava	Flowering/ fruiting			Dispose off dropped fruit properly by digging up, Water stagnation should be avoided, Smoking on a clear evening will repel the insect pests
LIVESTOCK and POULTRY				
Livestock	Stage	Disease		itionary Practices to be followed
Pig	All stages	Piglet Diarrhoea	*	Causes by bacteria and sudden change in feed and temperature, managed by Furazolidone, streptomycin etc.
Cattle/goat/sheep	All stages		*	Animals should be grazed in pastures during the early hours of the morning, in the evening or at night. In addition, adequate amounts of water should also be provided to them.
Contact Sci	entists (ICAR) or Stat	te Agril Staff or KVK	staff for	measures against adverse conditions or call at 03795-226237/226247





District Level Agro-met Advisory Bulletin (Period: 26th to 30th June 2019)

<u>No: AMFU-Basar/2019/50</u>



Dated: Tuesday, 25th June 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 30 th June 2019
Ziro: 7.2 mm	Mostly cloudy with possibility of moderate to very heavy rain. Daily
	maximum and minimum temperature for the following period is predicted to
	be 28.0-29.0°C and 23.0-25.0°C respectively. Expected morning and evening
	relative humidity will be 95-99% and 67-97% respectively. Wind direction
	is mainly W & NW with average wind speed range of 3.0-4.3 kmph.
Warning:	Heavy to very heavy rain is very likely to occur at isolated places over Arunachal Pradesh

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

DETAILS OF ADVISORIES FOR THE PERIOD				
Сгор	Stage	Pest/Disease		Precautionary Practices to be followed
FIELD CROPS				
Rice	Transplantation/ Tillering/ Stem elongagtion	Yellow stem borer/ Leaf Blast	* * *	<i>Transplanting of healthy seedling @ 2 seedlings per hill</i> Before transplanting, remove the upper tip portions of the seedlings to destroy the eggs of YSB Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Jhum rice	Tillering/Stem elongagtion	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. Avoid water stagnation. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
Kharif Maize	Sowing		*	Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Sowing only during clear/dry weather
VEGETABLES			1	
Chilli/ tomato/ brinjal	Vegetative/ Flowering	Leaf Curl	*	Spray imidacloprid 17.8 SL (0.003%) to the crops inside net/green house or grown in shade
French Bean, black gram, green gram	Fruiting	Bean borer	*	Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field.
HORTICULTU	RAL CROPS		1	
Citrus	Flowering/fruiti ng	Trunk borer	*	Install light trap to collect trunk borer adults or hand pick the adults during May-June by shaking the trees to dislodge the adults feeding on leaves & twigs,
Ginger/turmeric	Vegetative stage	Rhizome rot	*	The plot should be well drained free from water logging to prevent rhizome rot. The field must be inspected regularly for disease appearance and more often when it rains.
Kiwi	Flowering	Leaf eating beetle		Hand collection of the insects and its destruction, Make proper drainage facility in the crop area
LIVESTOCKS	5		1	
Livestock	Stage	Disease		Precautionary Practices to be followed
Pigs	All stages		*	
Poultry	Chicks		*	Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine and 56-70 days: RD R-2B strain.
Fishery			*	To avoid water turbidity, use grass turfing or horticultural crop at embankment/dyke of the earthen fish pond.
Contact Scientist	s (ICAR) or State A	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: 26th to 30th June 2019)

No: AMFU-Basar/2019/50



Dated: Tuesday, 25th June 2019

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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 30 th June 2019
Rainfall: 59.7 mm; T. Max: 35.0°C; T. Min:	Mostly cloudy with possibility of moderate to very heavy rain. Daily
25.0°C ; RH: 76-95%	maximum and minimum temperature for the following period is predicted to
	be 28.0-30.0°C and 25.0-27.0°C respectively. Expected morning and evening
	relative humidity will be 92-99% and 69-97% respectively. Wind direction
	is mainly E & ESE with average wind speed range of 3.5-5.1 kmph.
Warning:	• Moderate rain/thundershowers is very likely to occur at
	most places over Arunachal Pradesh.

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

	vaccination sche		ADVISORIES FOR THE PERIOD
Crop	Stage	Pest/Disease	Precautionary Practices to be followed
FIELD CROPS	0		
Rice (normal sown)	Nursery/ Transplantation	Blast	 Rice Blast may occur in the nursery bed. Temperature abov 30°C with humidity over 80 percent is highly favourable for the disease. Over use of nitrogen aggravates the disease. T manage the attacks apply Carbendazim+ Mancozeb @ 2. gm per liter of water into the seedbed. Field sanitation along with removal of hosts and infected debris from the field also would be helpful to manage the attack.
Rice (early	Stem	Leaf blast/ leaf	✤ Keep the periphery of field clean and weed-free to avoi
sown)	elongation/ panicle initiation	spot/ leaf folder	 disease/pest harboring. Regular monitoring of field to detect any possible attack of insects/ disease. In case of heavy infestation of Blast, spray Carbendazim @ gram per litre of water or Endofil M45 @ 2.5 gram per litre
			of water in 3 spraying at 10 days interval
Jhum Rice	Stem elongation/ panicle initiation/ booting	leaf folder	 Strengthen the bund to protect from heavy rain. Avoi water stagnation. Keep the periphery of the field clean and weed free.
Maize	Silking		 Monitor the crop against attack of insect pests & avoid water stagnation
VEGETABLE	S		
Tomato/ chilli/ brinjal	Flowering/ Fruiting	Aphids / white fly	 Provide proper support to the crop, Spraying of Mancozeb @ 2 gm per litre + cypermethrin @ 2 ml per litre of water for crop grown under protected environment,
French bean/ pulses	Vegetative/ fruiting		 Proper drainage in the field Any type of caterpillar observed in the field may be manually collected and destroyed in the dusk hours in the crop field.
HORTICULT			
Banana	Multiple stage		Earthing up followed by fertilizer application durin clear/dry days followed by mulching with locally availabl grass/straw to protect from rain
Guava	Flowering/ fruiting		 Dispose off dropped fruit properly by digging up, Water stagnation should be avoided, Smoking on a clear evening will repel the insect pests
LIVEST	OCK and POULT	ſRY	
Livestock	Stage	Disease	Precautionary Practices to be followed
Pig	All stages	Piglet Diarrhoea	 Causes by bacteria and sudden change in feed and temperature, managed by Furazolidone, streptomycin etc.
Cattle/goat/sheep	All stages		 Animals should be grazed in pastures during the early hour of the morning, in the evening or at night. In addition adequate amounts of water should also be provided to them
Contact Sci	entists (ICAR) or Sta	te Agril Staff or KVK	X staff for measures against adverse conditions or call at 03795-226237/226247



District Level Agro-met Advisory Bulletin

Arunachal Pradesh

(Period: 26th to 30th June 2019)

No: AMFU-Basar/2019/50

Dated: Tuesday, 25th 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 30 th June 2019
Rainfall: 6.6 mm	Mostly/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 9.0-10.0°C respectively. Expected morning and evening
	relative humidity will be 91-95% and 57-77% respectively. Wind direction
	is mainly ENE & E with average wind speed range of 5.3-7.0 kmph.
Warning:	• Heavy to very heavy rain is very likely to occur at isolated
	places over Arunachal Pradesh

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

Fishery

-	f vaccination sche	-	vestock	
	i vaccination sene			DRIES FOR THE PERIOD
FIELD CROPS				
Rice	Transplantation/ Tillering/ Stem elongagtion	Yellow stem borer/ Leaf Blast	*	Transplanting of healthy seedling @ 2 seedlings per hill Before transplanting, remove the upper tip portions of the seedlings to destroy the eggs of YSB Spraying of crop with Carbandazim 50 WP @ 1 grams per litre of water both in nursery and in main crop is advised,
Jhum rice	Tillering/Stem elongagtion	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. Avoid water stagnation. Keep the surrounding clean/ weed-free to avoid disease/pest harboring
Kharif Maize	Sowing			Collect seed of variety DA-61A, Vivek Hybrid-21, Vivek QPM-9 etc from certified agency Ensure seed treatment with carbendazim/Thiram @2g/kg seeds. Sowing only during clear/dry weather
VEGETABLES				
Chilli/ tomato/ brinjal French Bean,	Vegetative/ Flowering Fruiting	Leaf Curl Bean borer	*	net/green house or grown in shade
black gram, green gram				collected and destroyed in the dusk hours in the crop field.
HORTICULTU Citrus	Flowering/fruiti	Trunk borer	*	Install light trap to collect trunk borer adults or hand pick the adults during May-June by shaking the trees to dislodge the adults feeding on leaves & twigs,
Ginger/turmeric	Vegetative stage	Rhizome rot	*	The plot should be well drained free from water logging to prevent rhizome rot. The field must be inspected regularly for disease appearance and more often when it rains.
Kiwi	Flowering	Leaf eating beetle		Hand collection of the insects and its destruction, Make proper drainage facility in the crop area
LIVESTOCKS	8			
Livestock	Stage	Disease		Precautionary Practices to be followed
Poultry	Chicks		*	Vaccination as per the schedule with proper consultation with vet. Day old chick: HVT Marek disease vaccine, 4-7 days: F/Lasota, 14-18 days: Intermediate plus/IBD vaccine, 35 days: F/Lasota, 6-7 weeks: Chicken embryo adopted fowl pox vaccine

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

*

and 56-70 days: RD R-2B strain.

at embankment/dyke of the earthen fish pond.

To avoid water turbidity, use grass turfing or horticultural crop